



GP-300 GP-200 GP-5300 GP-5200
Online Manual

Contents

Using This Online Manual.	18
Trademarks and Licenses.	19
Basic Operation.	38
Printer Parts.	39
Printer Parts.	40
Front.	41
Side.	43
Top Cover (Inside).	44
Roll Paper Cover (Inside).	45
Carriage.	46
Ink Tank Cover (Inside).	47
Operation Panel.	48
Optional accessories.	50
Stand.	51
Roll Holder Set.	53
Printing procedure.	54
Turning the Printer On and Off.	55
Loading and Printing on Rolls.	57
Loading and Printing on Sheets.	60
Printing in Windows.	62
Printing from macOS.	64
Canceling print jobs.	65
Canceling Print Jobs from the Control Panel.	66
Canceling Print Jobs from Windows.	67
Canceling Print Jobs from macOS.	69
Pausing Printing.	70
Pausing Printing.	71
Handling and Use of Paper.	72
Paper.	74
Types of Paper.	75
Paper Sizes.	76

Using Paper Other Than Genuine Paper and feed confirmed Paper.	78
Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings.	79
Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type.	80
Updating paper information.	81
Handling rolls.	82
Loading Rolls on the Roll Holder.	83
Loading Rolls in the Printer.	87
Changing the Type of Paper.	92
Specifying the Paper Length.	95
Removing the Roll from the Printer.	96
Removing Rolls From the Roll Holder.	99
Feeding Roll Paper Manually.	101
Keeping Track of the Amount of Roll Paper Left.	102
Specifying the Amount of Extension for Borderless Printing.	105
Specifying the Ink Drying Time.	107
Specifying the Cutting Method for Rolls.	109
Cutting the Leading Edge of Roll Paper Automatically.	114
Reducing Dust from Cutting Rolls.	116
Detecting Roll Paper was Replaced While the Power was Off.	118
Handling sheets.	119
Loading Sheets in the Printer.	120
Printing From a Desired Starting Point.	123
Removing Sheets.	126
Basket.	128
Using the Basket.	129
Changing Printer's Setting.	131
Changing Settings from Operation Panel.	132
Home Screen Menu Composition.	133
Menu Structure.	137
Advanced (Paper settings).	156
Advanced (LAN settings).	158
Setting Items on Operation Panel.	161

Maintenance.	163
Job management.	165
LAN settings.	166
Test print.	174
Print settings.	175
Web service setup.	177
Paper-related settings.	178
Auto maintenance settings.	180
Hard disk settings.	181
Monitoring service settings.	183
Other printer settings.	185
Language selection.	187
Firmware update.	188
Security settings.	189
Printer information.	190
Setting Administrator Password on Operation Panel.	191
Erasing Data on Printer's Hard Disk.	193
Status Print.	195
Changing Printer's Setting Using Web Browser.	197
Start up Remote UI.	198
Changeable Setting Items Using Remote UI.	201
Security.	203
LAN settings.	204
Setting Passwords using Remote UI.	206
Registering Printer's Root Certificate to Web Browser for SSL Communication.	208
Registering Printer's Root Certificate to Local Computer for SSL Communication.	212
Generating Server Certificate.	218
Setting Mail Server.	221
Receiving Printer Status by E-mail.	223
Migrating Printer's Setting.	225
Initializing Printer's Setting.	227
Network Setting.	228
Network Connection Tips.	229
Printer Connection Methods.	230
Connecting Smartphone/Tablet to Printer via Wireless Router.	234

Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)	237
Default Network Settings.	241
Another Printer Found with Same Name.	243
Connecting to Another Computer via LAN/Changing from USB to LAN Connection.	244
Printing Network Settings.	245
Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection.	261
Countermeasures against Unauthorized Access.	263
Network Status and Troubleshooting.	265
Sharing the Printer on a Network (Windows).	267
Setting Up a Shared Printer.	268
Restrictions on Printer Sharing.	270
Adjustments for Better Print Quality.	271
Adjusting the Print Head.	272
Adjusting the Print Head.	273
Adjusting Line Misalignment.	274
Automatic Adjustment to Straighten Lines and Colors.	278
Manual Adjustment to Straighten Lines and Colors.	280
Troubleshooting Paper Abrasion and Blurry Images.	282
Adjusting Feed Amount.	284
Adjusting Feed Amount.	285
Selecting Feed Amount Adjustment Method.	286
Automatic Banding Adjustment.	287
Manual Banding Adjustment.	289
Fine-Tuning Paper Feed Amount.	291
Adjusting Line Length.	292
Adjusting Vacuum Strength.	294
Maintenance and Consumables.	295
Ink Tanks.	297
Ink Tanks.	298
Replacing Ink Tanks.	301
Checking Ink Tank Levels.	307
When to Replace Ink Tanks.	309
Print Head.	310

Print Head.	311
Checking for Nozzle Clogging.	312
Cleaning the Print Head.	314
Replacing the Print Head.	316
Maintenance Cartridge.	324
Maintenance Cartridge.	325
Replacing the Maintenance Cartridge.	326
Checking the Remaining Maintenance Cartridge Capacity.	330
When to Replace the Maintenance Cartridge.	331
Cutter Blade.	332
Cutter Blade.	333
Replacing the Cutter Blade.	334
Performing Maintenance Functions from Your Computer (Windows).	337
Cleaning the Print Heads.	338
Printing a Nozzle Check Pattern.	339
Cleaning the Printer.	341
Cleaning the Printer Exterior.	342
Cleaning Inside the Top Cover.	343
Other Maintenance.	347
Preparing to Transfer the Printer.	348
Reinstalling the Printer.	351
Firmware update.	356
Specifications.	357
Specifications.	358
Print Area.	363
Appendix.	365
Manuals and Their Contents.	366
Safety.	367
Safety Precautions.	368
Regulatory Information.	370
WEEE (EU&EEA).	372
When Repairing, Lending, or Disposing of the Printer.	385

Online Manual.	386
Enhanced Printing Options.	387
Printing from Your Computer (Windows).	391
Printing with Easy Setup.	392
Setting the Number of Copies and Printing Order.	397
Printing Photos and Business Documents.	398
Printing By Setting Print Purpose.	399
Edit in PosterArtist and Print.	402
Changing the Print Quality and Correcting Image Data.	404
Adjusting Color Balance.	405
Setting the Print Quality Level (Custom).	407
Printing a Color Document in Monochrome.	409
Specifying Color Correction.	411
Optimal Photo Printing of Image Data.	414
Adjusting Colors with the Printer Driver.	415
Printing with ICC Profiles.	418
Adjusting Brightness.	423
Adjusting Contrast.	425
Printing Using Detailed Setting Mode.	427
Scaled Printing.	430
Printing to Oversized Paper Sizes.	433
Setting Paper Dimensions (Custom Size).	435
Set a Custom Size Roll Width.	439
Printing without Edges Based on the Scenarios.	441
Printing without Margins to Match Paper Size.	442
Printing without Margins to Match Roll Paper Width.	444
Printing Full-Size without Margins.	446
Three-sided Borderless Printing on Roll Paper.	448
Printing Hanging and Horizontal Banners (Large-Format Printing).	453
Printing by Dividing/Joining Documents.	455
Lining Up and Printing Multiple Documents to Cut Sheets.	456
Printing by Connecting Multiple Pages.	458
Printing Multiple Pages All on One Page.	459
Dividing and Printing Posters.	461
Printing Document in Center of Paper.	464

Printing by Saving Roll Paper.	467
Saving Roll Paper by Rotating Document 90 Degrees.	468
Saving Roll Paper by Eliminating Upper and Lower Margins on Document.	471
Switching the Paper Source to Match the Purpose.	474
Displaying the Print Results before Printing.	475
Link with PosterArtist to print with bright colors.	476
Specify Fluorescent Colors and Print.	477
Other Convenient Settings.	479
Stamp Printing.	480
Registering a Stamp.	481
Setting a Page Size and Orientation.	484
Registering a Frequently Used Printing Profile.	485
Cutting Roll Paper after Printing.	487
Printing from Printer.	489
Printing Data Saved on USB Flash Drive.	490
Printing from Smartphone/Tablet.	493
Enlarging Copy with imageRUNNER ADVANCE.	494
Fitting to Paper Width.	500
Specifying Magnification Level.	501
Printing with Fluorescent Ink.	505
Printer Driver.	507
Windows Printer Driver.	508
Overview of the Printer Driver.	509
Canon IJ Printer Driver.	510
Changing the Print Options.	511
Canon imagePROGRAF Preview.	512
How to Open the Printer Driver Setup Window.	513
Updating Media Information in Printer Driver.	514
Setting Accounting Information.	515
Set a PIN Code for Print Jobs.	518
Deleting the Undesired Print Job.	519
Canon IJ Status Monitor.	520
Checking the Ink Status from Your Computer.	522
Instructions for Use (Printer Driver).	523

Printer Driver Description.	526
Main Tab Description.	527
Page Setup Tab Description.	535
Layout Tab Description.	541
Favorites Tab Description.	547
Utility Tab Description.	549
Device Settings Tab Description.	551
Canon IJ Status Monitor Description.	553
Updating the Printer Driver.	556
Obtaining the Latest Printer Driver.	557
Deleting the Unnecessary Printer Driver.	558
Before Installing the Printer Driver.	559
Installing the Printer Driver.	560
Application Software.	561
Managing Print Jobs.	562
Basic Print Job Operations.	563
Using Printer Hard Disk.	564
Saving Print Jobs in Personal Job Boxes.	566
Priority Printing.	571
Printing Pending Jobs.	573
Printing Security Print Jobs.	575
Deleting Print Jobs.	577
Printing Saved Jobs.	579
Deleting Saved Jobs.	581
Moving Saved Jobs.	583
Advanced Print Job Operations.	584
Saving Print Jobs Sent from Sources Other than Printer Driver.	585
Printing without Saving Jobs in Common Job Box.	587
Setting Passwords for Personal Job Boxes.	588
Naming Personal Job Boxes.	589
Printing List of Saved Jobs.	590
Renaming Saved Jobs.	591
Printer Hard Disk Operations.	592
Checking Free Hard Disk Space.	593
Frequently Asked Questions.	594

I want to easily create vertical or horizontal banners.	598
Does this printer support sub-ink tank system.	599
I want to know how to configure roll cutting.	600
I want to configure so that the roll is cut automatically after waiting for the ink to dry.	601
How do I print without borders.	602
I want to know the paper types that can be used in this printer.	603
The paper type that I want to print is not displayed on the Touch Screen.	604
Can I perform duplex printing.	605
I want to perform enlargement printing.	606
Network Settings and Common Problems.	607
Problems Regarding Paper.	608
Remove Jammed Roll Paper.	609
Remove a Jammed Sheet.	614
Remove Jammed Paper (Paper Feed Slot).	618
Roll paper cannot be inserted into the Paper Feed Slot.	621
Roll Paper Remains/Lacks under Quantity Management.	623
Cannot load sheets.	624
Paper is not cut straight.	625
Paper is not cut.	627
Cutter Blade Does Not Work While Cutting Is in Progress.	628
Dent in the Tip of Paper.	629
The size of clear film cannot be detected.	630
Printer Keeps Ejecting the Roll Paper.	631
Margins are wide.	634
When printing on roll paper, the printed surface becomes scratched.	635
Printing Does Not Start.	636
Printer Suddenly Stopped Working for Some Reason.	637
The Data lamp on the Operation Panel does not light up.	642
The printer does not respond even if print jobs are sent.	643
"Preparing the ink system." is displayed.	644
"Agitating the ink" is displayed.	645
Message Is Displayed and Borderless Printing Fails.	646
The Printer Stops During a Print Job.	647
Printing stops and an error message is displayed.	648
The printer ejects blank, unprinted paper.	649

Problems with the Printing Quality.	650
Printing is faint.	651
Paper rubs against the Print Head.	653
The edges of the paper are dirty.	655
The surface of the paper is dirty.	658
The back side of the paper is dirty.	660
Immediately after borderless printing, the trailing edge margin is soiled during regular printing.	662
Printed colors are inaccurate.	663
Banding in different colors occurs.	665
Colors in printed images are uneven.	667
Image edges are blurred or white banding occurs.	670
The length of the printed image in the paper ejection direction is not accurate.	672
Images are printed crooked.	674
Documents are printed in monochrome.	675
Line thickness is not uniform.	676
Lines or colors are misaligned.	678
Borders appear in borderless printing.	680
Cannot Print over Network.	681
Cannot Connect Printer to Network.	682
Cannot Print over TCP/IP Network.	683
Cannot Print over Bonjour networks.	684
Cannot Find Printer on Network.	685
Cannot Find Printer During Setup.	686
Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen.	690
Searching Printer by IP Address or Host Name During Setup.	692
Cannot Find Printer while Using Wi-Fi.	695
Cannot Find Printer while Using Wired LAN.	698
Cannot Print Using AirPrint.	699
Installation Problems.	700
Removing Printer Software.	701
Taking Time to Setup Process (Windows).	703
Failed to Printer Driver Installation (Windows).	704
Other Problems.	706
Printer does not turn on.	707
If the Printer Makes a Strange Sound.	708

Messages advising to check the maintenance cartridge are not cleared.	710
Printer consumes a lot of ink.	711
Ink Level Detection.	712
Media Type Selection does not Match Loaded Media Type.	713

List of Support Code for Error. 714

1005.	716
100A.	717
1012.	718
1021.	719
1024.	720
1041.	721
1051.	722
1052.	723
1054.	724
1056.	725
1057.	726
1058.	727
1061.	728
1200.	729
1201.	730
1210.	731
1213.	732
1214.	733
1300.	734
1306.	735
1317.	736
1322.	737
1323.	738
1324.	739
1401.	740
1403.	741
1408.	742
1409.	743

140A.....	744
140B.....	745
140C.....	746
140F.....	747
1468.....	748
1477.....	749
1478.....	750
1480.....	751
1481.....	752
1485.....	753
1492.....	754
1494.....	755
1495.....	756
1500.....	757
1551.....	758
1552.....	759
1570.....	760
1571.....	761
1660.....	762
168B.....	763
1720.....	764
1721.....	765
1722.....	766
1730.....	767
1731.....	768
1752.....	769
1753.....	770
1756.....	771
1757.....	772
2001.....	773
2002.....	774
2130.....	775
2131.....	776

2132.....	777
3000.....	778
3001.....	779
3200.....	780
3201.....	781
3250.....	782
3306.....	783
3311.....	784
3312.....	785
3313.....	786
3314.....	787
3315.....	788
3316.....	789
3317.....	790
3331.....	791
3332.....	792
3333.....	793
3336.....	794
3338.....	795
3341.....	796
3342.....	797
3350.....	798
3351.....	799
3352.....	800
3414.....	801
3415.....	802
3416.....	803
3417.....	804
3418.....	805
3419.....	806
3420.....	807
3421.....	808
3422.....	809

3423.....	810
3424.....	811
3448.....	812
3451.....	813
4111.....	814
4113.....	815
4114.....	816
4116.....	817
4117.....	818
4122.....	819
4801.....	820
4803.....	821
4900.....	822
4901.....	823
4903.....	824
4905.....	825
4910.....	826
4911.....	827
4913.....	828
4920.....	829
4931.....	831
4932.....	832
4933.....	833
4934.....	834
4935.....	835
4937.....	836
4950.....	837
4951.....	838
4952.....	839
4953.....	840
4954.....	841
4955.....	842
4956.....	843

5106.	844
5200.	845
5B16.	846
5B20.	847
5B21.	848
5C00.	849
6502.	850
6700.	851
6702.	852
6820.	853
6900.	854
6901.	855
6902.	856
6910.	857
6911.	858
6920.	859
6921.	860
6930.	861
6931.	862
6932.	863
6933.	864
6940.	865
6941.	866
6942.	867
6943.	868
6944.	869
6945.	870
6946.	871
7050.	872
7051.	873
7052.	874
8200.	875
9000.	876

9110.....	877
B20A.....	878
B510.....	879

Using This Online Manual

- ➔ [Symbols Used in This Document](#)
- ➔ [Touch-enabled Device Users \(Windows\)](#)

Symbols Used in This Document

Warning

Instructions that, if ignored, could result in death, serious personal injury, or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Caution

Instructions that, if ignored, could result in personal injury or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Important

Instructions including important information that must be observed to avoid damage and injury or improper use of the product. Be sure to read these instructions.

Note

Instructions including notes for operation and additional explanations.

Basics

Instructions explaining basic operations of your product.

Note

- Icons may vary depending on your product.

Touch-enabled Device Users (Windows)

For touch actions, you need to replace "right-click" in this document with the action set on the operating system. For example, if the action is set to "press and hold" on your operating system, replace "right-click" with "press and hold."

Trademarks and Licenses

- Microsoft is a registered trademark of Microsoft Corporation.
- Windows is a trademark or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
- Windows Vista is a trademark or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
- Microsoft Edge is a trademark or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
- Internet Explorer is a trademark or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
- Mac, Mac OS, macOS, OS X, AirPort, App Store, AirPrint, the AirPrint logo, Safari, Bonjour, iPad, iPad Air, iPad mini, iPadOS, iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
- Google Cloud Print, Google Chrome, Chrome OS, Chromebook, Android, Google Drive, Google Apps and Google Analytics are either registered trademarks or trademarks of Google Inc. Google Play and Google Play Logo are trademarks of Google LLC.
- Adobe, Acrobat, Flash, Photoshop, Photoshop Elements, Lightroom, Adobe RGB and Adobe RGB (1998) are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- Bluetooth is a trademark of Bluetooth SIG, Inc., U.S.A. and licensed to Canon Inc.
- Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries.
- QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and in other countries.
- USB Type-C™ is a trademark of USB Implementers Forum.
- The Mopria® word mark and the Mopria® Logo are registered and/or unregistered trademarks of Mopria Alliance, Inc. in the United States and other countries. Unauthorized use is strictly prohibited.

▶▶▶ Note

- The formal name of Windows Vista is Microsoft Windows Vista operating system.

Copyright (c) 2003-2015 Apple Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Apple Inc. ("Apple") nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY APPLE AND ITS CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN

NO EVENT SHALL APPLE OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists,

source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. **Grant of Copyright License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. **Grant of Patent License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. **Redistribution.** You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
 1. You must give any other recipients of the Work or Derivative Works a copy of this License; and
 2. You must cause any modified files to carry prominent notices stating that You changed the files; and
 3. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
 4. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions

of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

---- Part 1: CMU/UCD copyright notice: (BSD like) ----

Copyright 1989, 1991, 1992 by Carnegie Mellon University

Derivative Work - 1996, 1998-2000

Copyright 1996, 1998-2000 The Regents of the University of California

All Rights Reserved

Permission to use, copy, modify and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of CMU and The Regents of the University of California not be used in advertising or publicity pertaining to distribution of the software without specific written permission.

CMU AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL CMU OR THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM THE LOSS OF USE, DATA OR

PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---- Part 2: Networks Associates Technology, Inc copyright notice (BSD) ----

Copyright (c) 2001-2003, Networks Associates Technology, Inc

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of the Networks Associates Technology, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 3: Cambridge Broadband Ltd. copyright notice (BSD) ----

Portions of this code are copyright (c) 2001-2003, Cambridge Broadband Ltd.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * The name of Cambridge Broadband Ltd. may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER

IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 4: Sun Microsystems, Inc. copyright notice (BSD) ----

Copyright c 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

Use is subject to license terms below.

This distribution may include materials developed by third parties.

Sun, Sun Microsystems, the Sun logo and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of the Sun Microsystems, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 5: Sparta, Inc copyright notice (BSD) ----

Copyright (c) 2003-2012, Sparta, Inc

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Sparta, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 6: Cisco/BUPTNIC copyright notice (BSD) ----

Copyright (c) 2004, Cisco, Inc and Information Network Center of Beijing University of Posts and Telecommunications.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Cisco, Inc, Beijing University of Posts and Telecommunications, nor the names of their contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 7: Fabasoft R&D Software GmbH & Co KG copyright notice (BSD) ----

Copyright (c) Fabasoft R&D Software GmbH & Co KG, 2003 oss@fabasoft.com

Author: Bernhard Penz <bernhard.penz@fabasoft.com>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries, brand or product names may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 8: Apple Inc. copyright notice (BSD) ----

Copyright (c) 2007 Apple Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Apple Inc. ("Apple") nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY APPLE AND ITS CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL APPLE OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 9: ScienceLogic, LLC copyright notice (BSD) ----

Copyright (c) 2009, ScienceLogic, LLC

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of ScienceLogic, LLC nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

LEADTOOLS

Copyright (C) 1991-2009 LEAD Technologies, Inc.

CMap Resources

Copyright 1990-2009 Adobe Systems Incorporated.

All rights reserved.

Copyright 1990-2010 Adobe Systems Incorporated.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Adobe Systems Incorporated nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

MIT License

Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright 2000 Computing Research Labs, New Mexico State University

Copyright 2001-2015 Francesco Zappa Nardelli

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE COMPUTING RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Written by Joel Sherrill <joel@OARcorp.com>.

COPYRIGHT (c) 1989-2000.

On-Line Applications Research Corporation (OAR).

Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software.

THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, THE AUTHOR MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

(1) Red Hat Incorporated

Copyright (c) 1994-2009 Red Hat, Inc. All rights reserved.

This copyrighted material is made available to anyone wishing to use, modify, copy, or redistribute it subject to the terms and conditions of the BSD License. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY expressed or implied, including the implied warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. A copy of this license is available at <http://www.opensource.org/licenses>. Any Red Hat trademarks that are incorporated in the source code or documentation are not subject to the BSD License and may only be used or replicated with the express permission of Red Hat, Inc.

(2) University of California, Berkeley

Copyright (c) 1981-2000 The Regents of the University of California.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The FreeType Project LICENSE

2006-Jan-27

Copyright 1996-2002, 2006 by

David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

=====

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

- o We don't promise that this software works. However, we will be interested in any kind of bug reports. ('as is' distribution)
- o You can use this software for whatever you want, in parts or full form, without having to pay us. ('royalty-free' usage)
- o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. ('credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products.

We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

""""

Portions of this software are copyright © <year> The FreeType Project (www.freetype.org). All rights reserved.

""""

Please replace <year> with the value from the FreeType version you actually use.

Legal Terms

=====

0. Definitions

Throughout this license, the terms 'package', 'FreeType Project', and 'FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the 'FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'.

This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive.

If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- o Redistribution of source code must retain this license file (`FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.

- o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: `FreeType Project', `FreeType Engine', `FreeType library', or `FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it.

Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution.

If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<http://www.freetype.org>

--- end of FTL.TXT ---

The TWAIN Toolkit is distributed as is. The developer and distributors of the TWAIN Toolkit expressly disclaim all implied, express or statutory warranties including, without limitation, the implied warranties of merchantability, noninfringement of third party rights and fitness for a particular purpose. Neither the developers nor the distributors will be liable for damages, whether direct, indirect, special, incidental, or consequential, as a result of the reproduction, modification, distribution or other use of the TWAIN Toolkit.

JSON for Modern C++

Copyright (c) 2013-2017 Niels Lohmann

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2011 - 2015 ARM LIMITED

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of ARM nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2014, Kenneth MacKay

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2006, CRYPTOGRAMS by <appro@openssl.org> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain copyright notices, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of the CRYPTOGRAMS nor the names of its copyright holder and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ISC License

Copyright (c) 2013-2017

Frank Denis <j at pureftpd dot org>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Copyright (c) 2008 The NetBSD Foundation, Inc.

All rights reserved.

This code is derived from software contributed to The NetBSD Foundation by Lennart Augustsson (lennart@augustsson.net) at Carlstedt Research & Technology.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2000 Intel Corporation

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTEL OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Lua

Copyright © 1994–2014 Lua.org, PUC-Rio.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation

the
rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and
to
permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial
portions of
the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER
IN AN
ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
WITH
THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

LuaSocket

LuaSocket 2.0.2 license
Copyright © 2004-2007 Diego Nehab

Permission is hereby granted, free of charge, to any person obtaining a
copy of this software and associated documentation files (the "Software"),
to deal in the Software without restriction, including without limitation
the rights to use, copy, modify, merge, publish, distribute, sublicense,
and/or sell copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS IN THE SOFTWARE.

LuneScript

Copyright (c) 2018 ifritJP

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The following applies only to products supporting Wi-Fi.

(c) 2009-2013 by Jeff Mott. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation or other materials provided with the distribution.
- * Neither the name CryptoJS nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS," AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Basic Operation

➤ **Printer Parts**

- Printer Parts
- Optional accessories

➤ **Printing procedure**

➤ **Canceling print jobs**

➤ **Pausing Printing**

Printer Parts

► Printer Parts

- Front
- Side
- Top Cover (Inside)
- Roll Paper Cover (Inside)
- Carriage
- Ink Tank Cover (Inside)
- Operation Panel

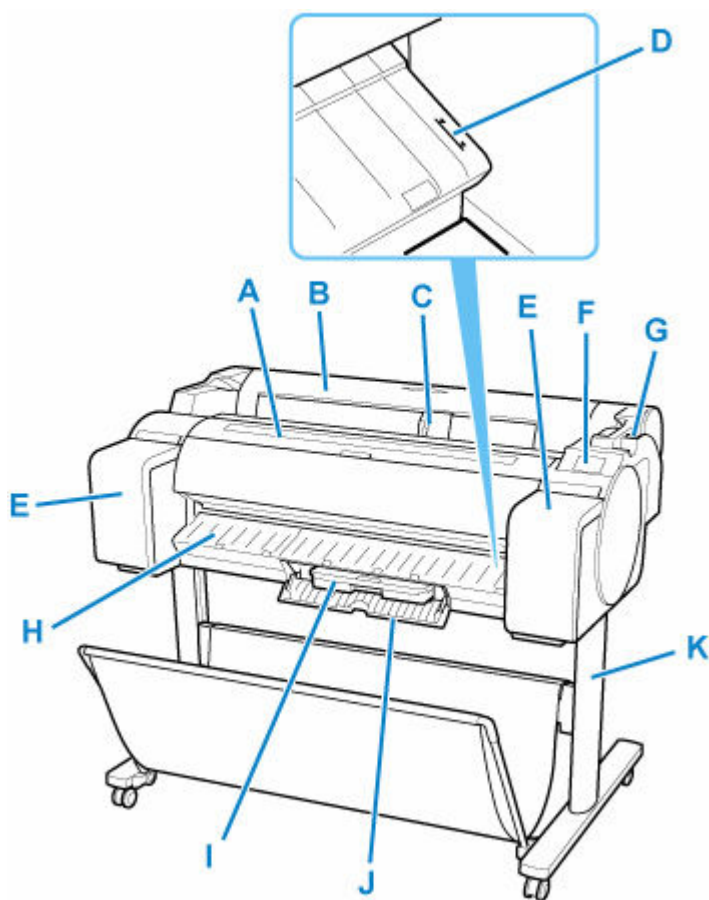
► Optional accessories

- Stand
- Roll Holder Set

Printer Parts

- **Front**
- **Side**
- **Top Cover (Inside)**
- **Roll Paper Cover (Inside)**
- **Carriage**
- **Ink Tank Cover (Inside)**
- **Operation Panel**

Front



(A) Top Cover

Open this cover to install the print head and remove any jammed paper from inside the printer, as needed. (See "[Top Cover \(Inside\)](#).")

(B) Roll Paper Cover

Open this cover to load rolls. (See "[Roll Paper Cover \(Inside\)](#).")

(C) Width Guide

When loading the sheets, move the guide to match the paper size.

(D) Paper Alignment Line

A white line for alignment of paper.

(E) Ink Tank Cover

Open this cover to replace the ink tank. (See "[Ink Tank Cover \(Inside\)](#).")

(F) Operation Panel

Use this screen to operate the printer and check the printer status. (See "[Operation Panel](#).")

(G) Release Lever

When releasing the Paper Retainer, push this lever back.

(H) Output Guide

Supports output paper.

(I) Maintenance Cartridge

Ink used for maintenance purposes such as head cleaning is absorbed. (Replace the cartridge when it is full.)

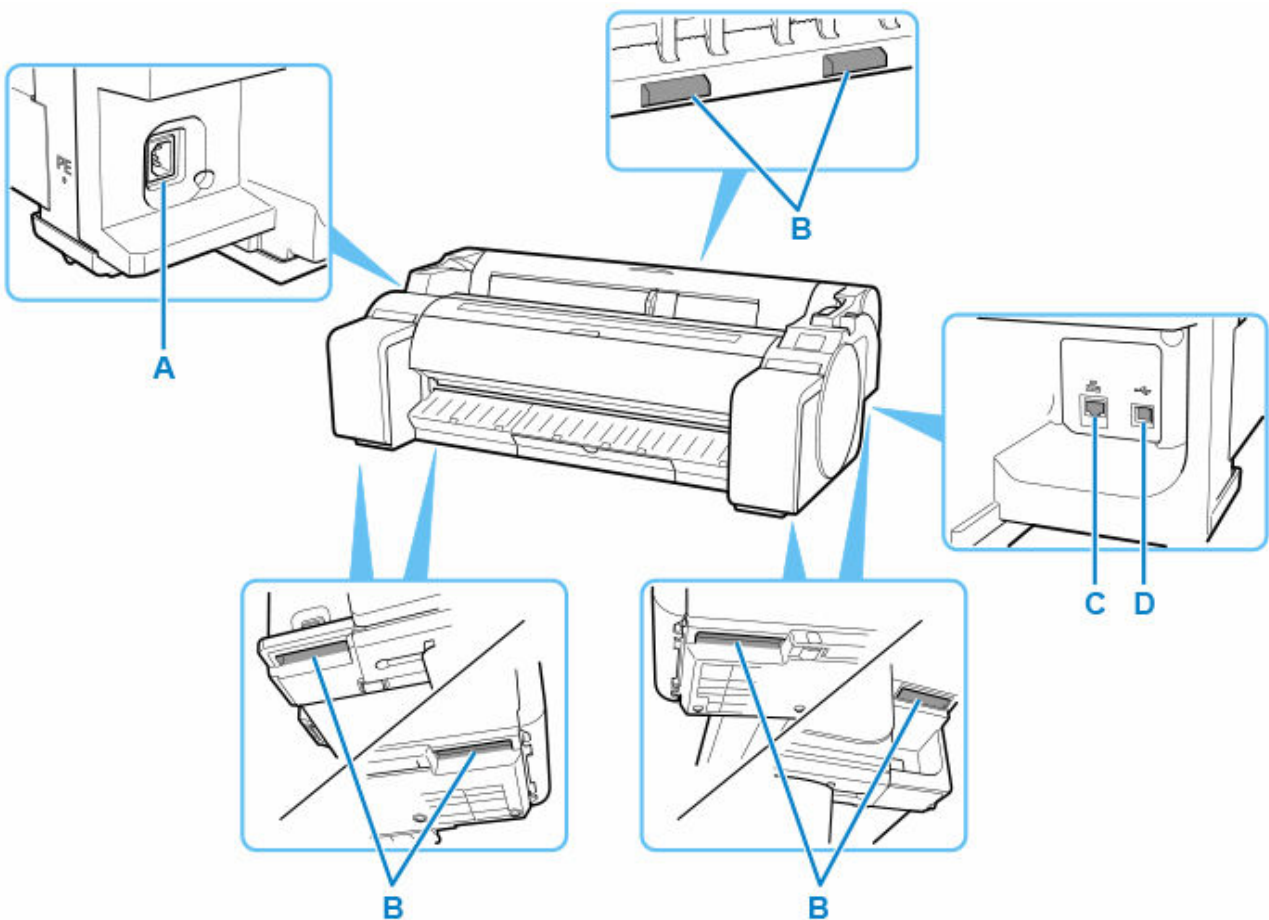
(J) Maintenance Cartridge Cover

Open this cover to replace the maintenance cartridge.

(K) Stand

A stand that holds the printer. Equipped with casters to facilitate moving it. (See "[Stand](#).")

Side



(A) Power Cord Connector

Connect the power cord to this connector.

(B) Carrying Grips

When carrying the printer, have three or more people hold it by these handles under both sides. Furthermore, hold the left and right of these parts when moving the printer with a stand.

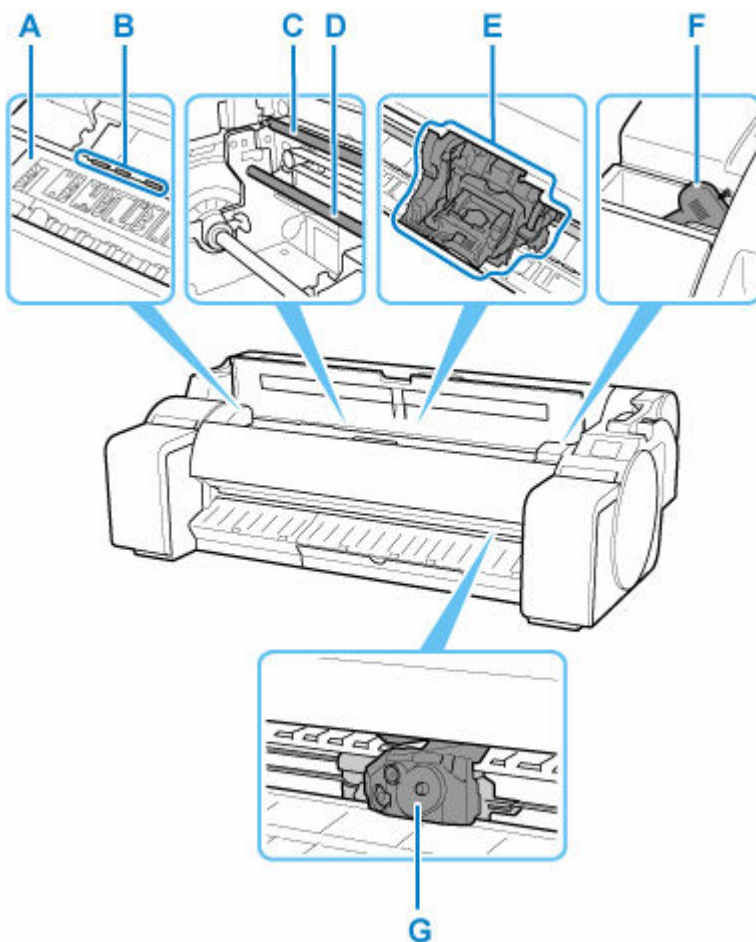
(C) Wired LAN Connector

Connect an Ethernet cable to this port. The lamp is lit if the Ethernet cable is connected correctly and communication is possible between the computer and printer.

(D) USB Port

Connect a USB cable to this port. The printer is compatible with Hi-Speed USB connections.

Top Cover (Inside)



(A) Platen

The print head moves across the platen to print.

(B) Paper Retainer

Important in supplying the paper. This retainer holds paper as it is fed.

(C) Linear Scale

The linear scale serves a key role in detecting the carriage position.

(D) Carriage Shaft

The Carriage slides along this shaft.

(E) Carriage

Moves the print head. The carriage serves a key role in printing. (See "[Carriage](#).")

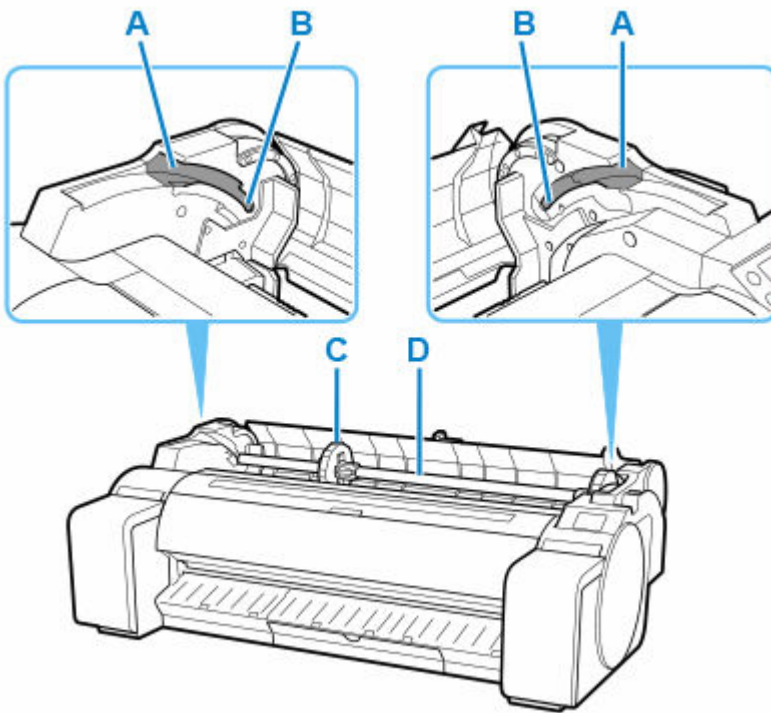
(F) Cleaning Brush

When cleaning inside the printer under the top cover, use this brush to sweep away paper dust on the platen.

(G) Cutter Blade

A round-bladed cutter for automatic paper cutting.

Roll Paper Cover (Inside)



(A) Slide Guide

Move the roll holder along this guide.

(B) Roll Holder Slot

Slide the roll holder into this slot.

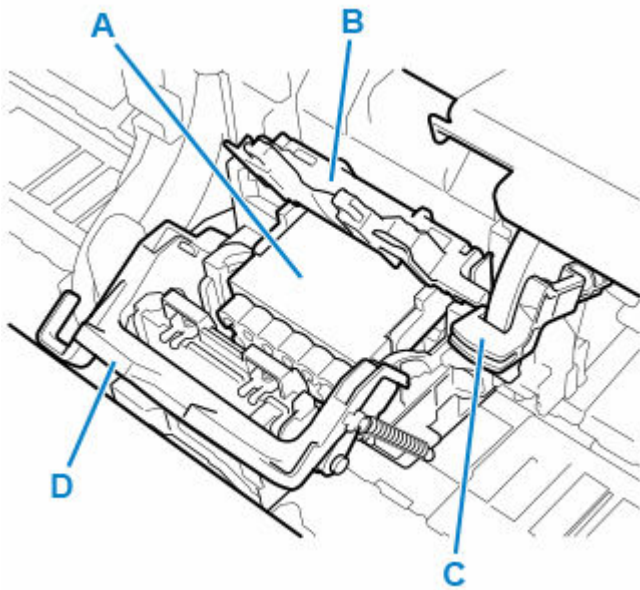
(C) Holder Stopper

Secure the roll on the roll holder with this part.

(D) Roll Holder

Load the roll on this holder.

Carriage



(A) Print Head

The print head is equipped with ink nozzles. The carriage serves a key role in printing.

(B) Print Head Locking Cover

Secures the print head.

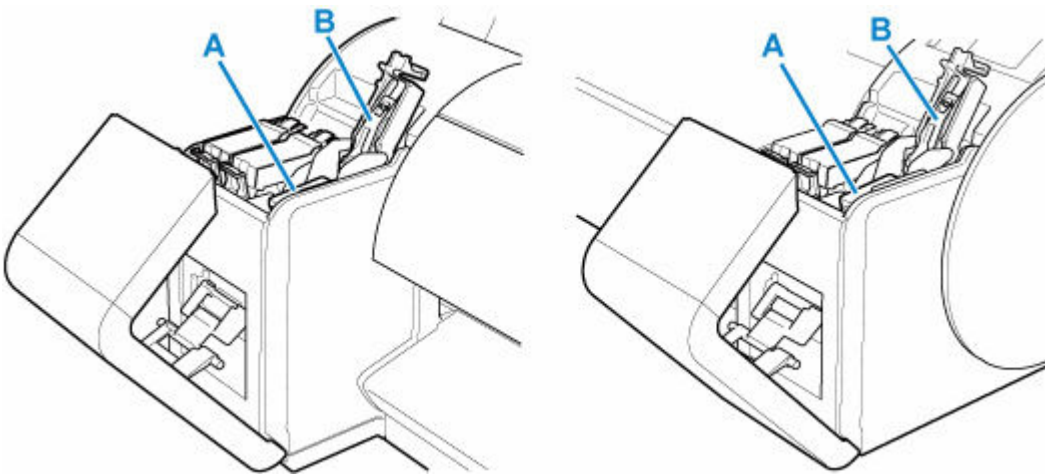
(C) Angle Adjustment Lever

Fine-tunes the line misalignment when printing.

(D) Print Head Lock Lever

Lock print head locking cover.

Ink Tank Cover (Inside)



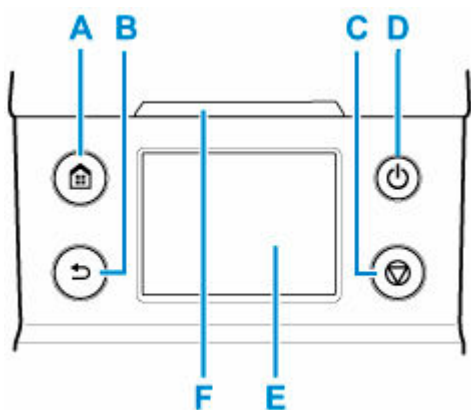
(A) Ink Tank

Cartridges of ink in various colors.

(B) Ink Tank Lock Lever

A lever that locks the ink tank in place and protects it. Lift and press down the lever when replacing an ink tank.

Operation Panel



A: HOME button

The HOME screen appears.

➔ [Home Screen Menu Composition](#)

B: Back button

Displays the screen before the current screen.

C: Stop button

Cancels print jobs in progress and ends the ink drying period.

D: ON button/ON lamp

Turns the printer on and off.

➔ [Turning the Printer On and Off](#)

The **ON** lamp is lit when the printer is on or in Sleep mode.

E: Touch Screen

Shows printer menus, as well as the printer status and messages. You can select menu items and display buttons by gently touching the screen with your fingertip.

➔ [Home Screen Menu Composition](#)

F: Status lamp

- Flashing (white)

During printing, this lamp flashes when the printer is receiving or processing print jobs. Otherwise, this lamp flashes when the print job is paused or the printer is updating the firmware.

- Lit (orange)

A warning message is displayed.

- Flashing (orange)

An error message is displayed.

- Off

There are no active print jobs, warnings, or errors.

▶▶ Note

- When the printer is in Sleep mode, to restore the display, press the buttons on the operation panel or touch the touch screen.
- When Operation panel lock is enabled, touch screen operations are invalid. For details on Operation panel lock, see [Changeable Setting Items Using Remote UI](#).

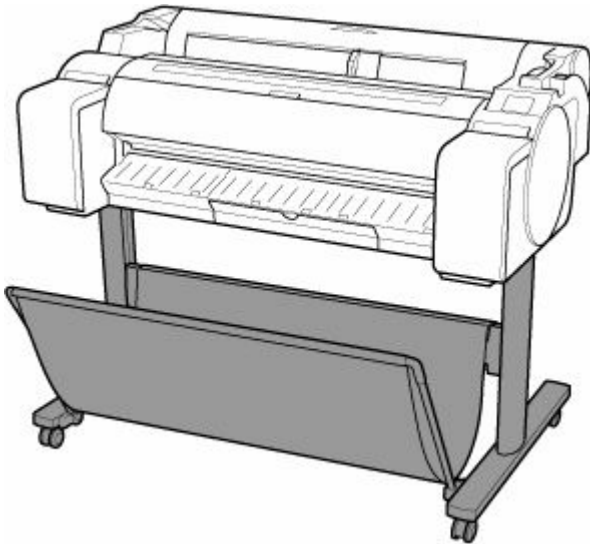
Optional accessories

- **Stand**
- **Roll Holder Set**

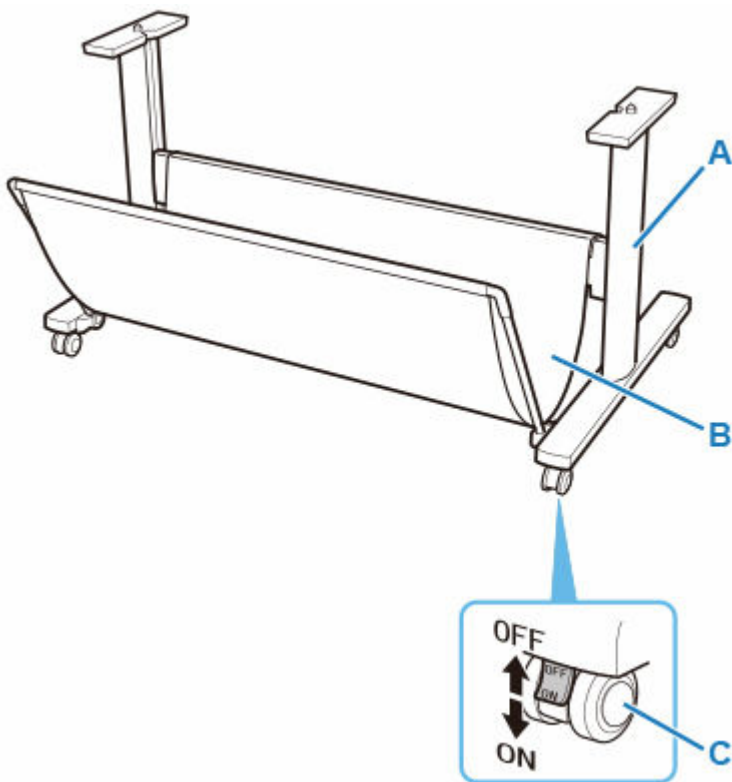
Stand

The following Stand can be used with the printer.

- GP-300 / GP-5300 : Printer Stand SD-33
GP-200 / GP-5200 : Printer Stand SD-24



Stand Parts



(A) Stand

A stand that holds the printer. It is equipped with casters to facilitate movement.

(B) Basket

Catches the ejected printed documents.

(C) Locking Caster

The casters can be locked securely. When moving the printer, be sure to unlock the 4 casters. If you move it while the locking casters are locked, the floor may become scratched.

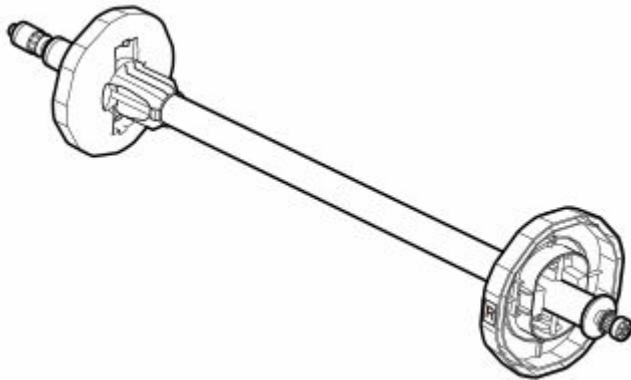
»» Note

- For instructions on how to use the basket, see "[Using the Basket](#)".
- Depending on the product, a stand may not be provided.

Roll Holder Set

Load roll paper on the roll holder and then load the holder in the printer. You can use the roll holder with both 2-inch and 3-inch paper cores. However, if using 3-inch core roll paper, attach the 3-inch paper core attachment. (See "[Loading Rolls on the Roll Holder](#)").

- GP-300 / GP-5300 : Roll Holder Set RH2-35
- GP-200 / GP-5200 : Roll Holder Set RH2-28
 - Roll Holder (for 2- and 3-inch paper cores)



- 3-Inch Paper Core Attachment (×2)



Printing procedure

- **Turning the Printer On and Off**
- **Loading and Printing on Rolls**
- **Loading and Printing on Sheets**
- **Printing in Windows**
- **Printing from macOS**

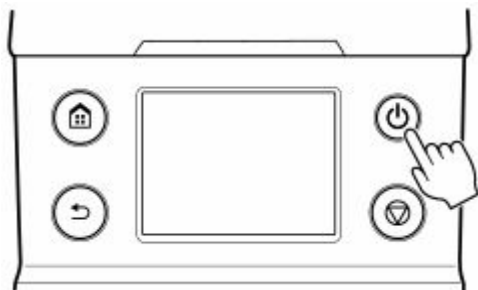
Turning the Printer On and Off

Turning the printer on

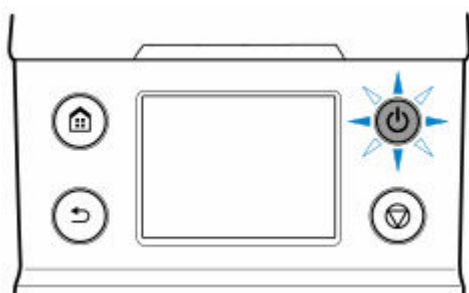
1. Press **ON** button to turn on printer.

The **ON** button lights up and the printer will now start up.

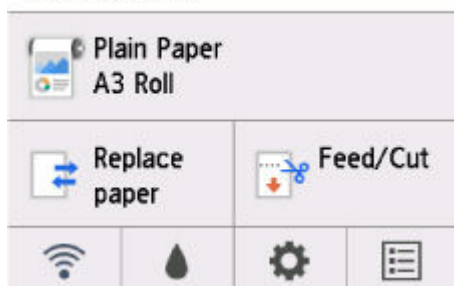
The Canon logo appears on the operation panel, and then "**Starting the system...Please wait momentarily**" appears.



When startup is finished, the printer enters standby mode.



Ready to print



The printer will not enter standby mode in the following situations. Take action as necessary.

- **The top cover is open**
Close the top cover.
- **The ink tank cover is open**
Close the ink tank cover.
- **The print head is not installed**
➔ [Replacing the Print Head](#)

- **The ink tank is not installed**

➔ [Replacing Ink Tanks](#)

- **If "Error" is shown on the operation panel**

Check the message on the operation panel and take action as necessary.

- **The ON button and Status lamp never light up, and nothing appears on the operation panel**

Check the connection at the plug and electrical outlet.

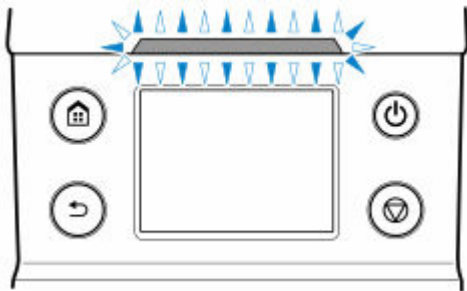
Turning the printer off

▶▶▶ Important

- Never disconnect the printer's power supply or unplug it during a print job. This may damage the printer.

1. Make sure no print jobs are in progress.

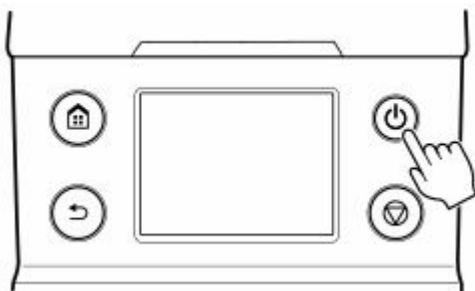
While the **Status** lamp is flashing, the printer is running. The color of the lamp indicates the following states.



If the **Status** lamp is flashing orange, check the message on the operation panel and take action as necessary.

If the **Status** lamp is flashing white, the printer is printing, receiving data, etc. Turn off the power after the **Status** lamp turns off.

2. Hold down the **ON** button for more than a second.



"Turning off... Please wait momentarily" appears on the operation panel, and the printer turns off.

Loading and Printing on Rolls

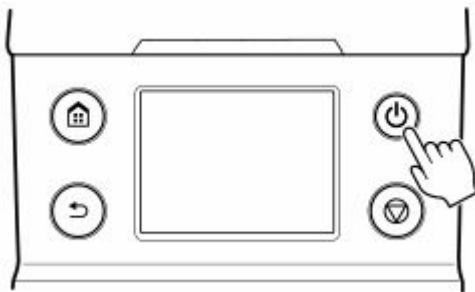
These are the basic steps for loading and printing on rolls.

Follow these steps to load and print on rolls.

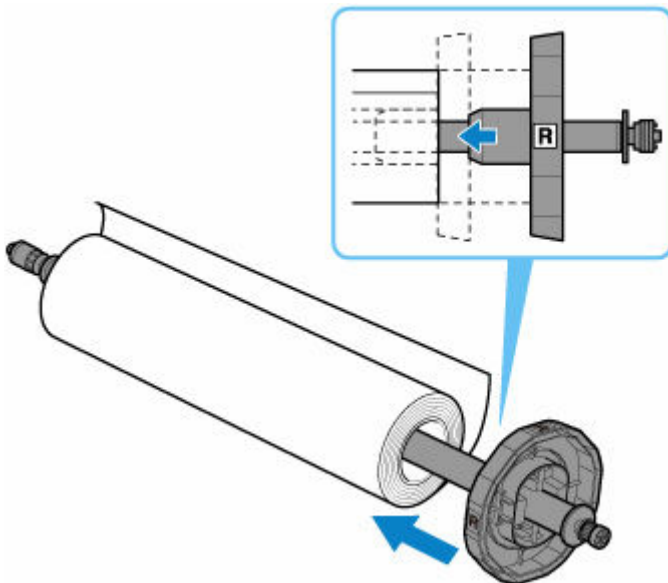
▶▶▶ Note

- For details on roll paper sizes and types that can be used, see "[Paper Sizes](#)" or "Paper Information List".
- To wait until the ink dries after printing before cutting the roll, set Drying Time in the printer driver. (See "[Specifying the Ink Drying Time.](#)")
- Once you have used all the paper on a roll, clean the platen. If the platen inside the top cover becomes dirty, it may soil the underside of paper. (See "[Cleaning Inside the Top Cover.](#)")

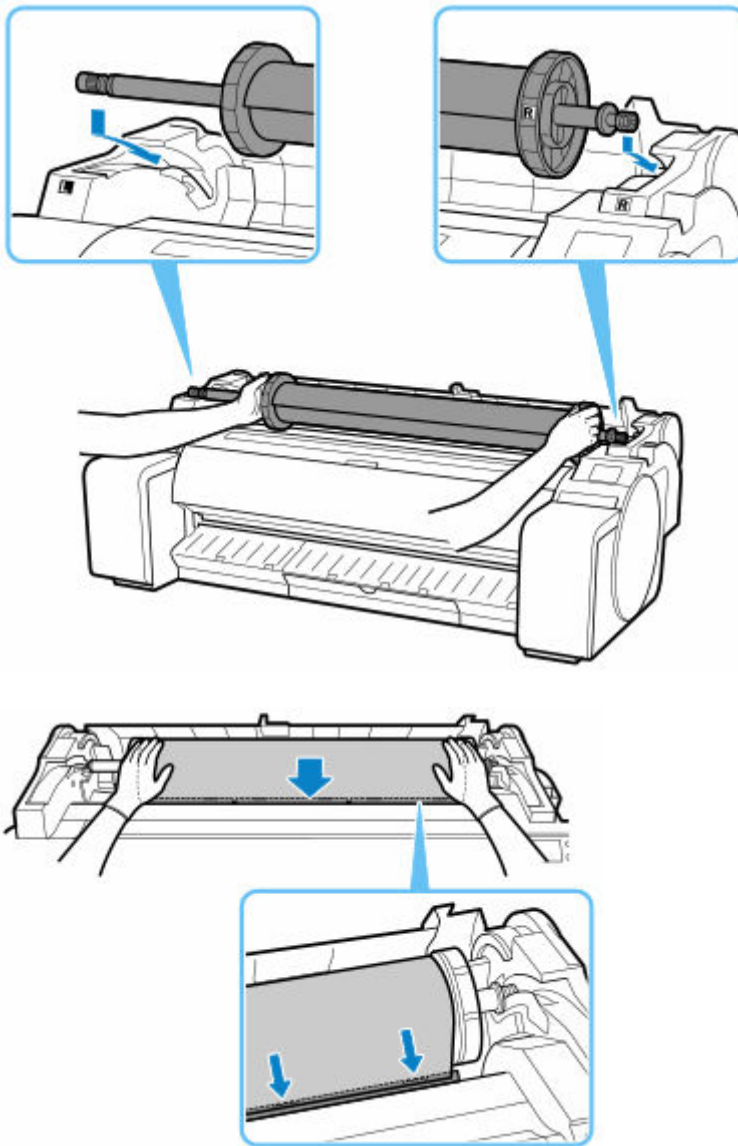
1. Turn the printer on. (See "[Turning the Printer On and Off.](#)")



2. Load a roll on the roll holder. (See "[Loading Rolls on the Roll Holder.](#)")



3. Load the Roll Media in the printer. (See "[Loading Rolls in the Printer](#)")



4. Select the type of paper. (See "[Changing the Type of Paper.](#)")

▶▶▶ **Note**

- If no barcode has been printed on the roll paper and you have set **Manage remaining roll amount** to **Barcodes**, specify the roll length after selecting the media type. (See "[Specifying the Paper Length.](#)")

5. Complete settings in the printer driver for the type of paper and other details.

- ➔ [How to Open the Printer Driver Setup Window](#) (Windows)
- ➔ [How to Open the Printer Driver Setup Window](#) (macOS)

6. Send the print job.

- ➔ [Printing in Windows](#)
- ➔ [Printing from macOS](#)

Start printing.

▶▶ Important

- Do not move the release lever during printing.

Loading and Printing on Sheets

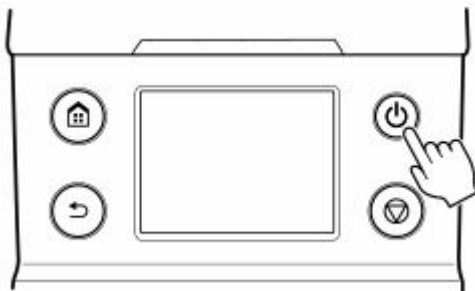
These are the basic steps for loading sheets and then printing.

Follow the steps below to load and print on sheets.

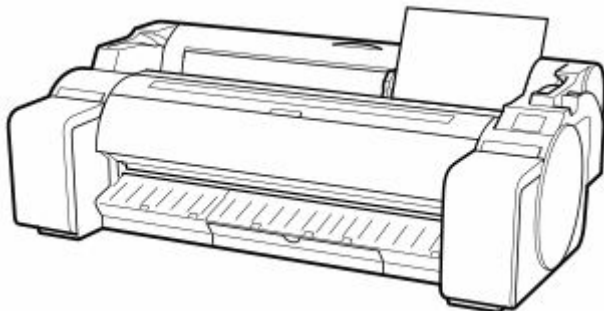
▶▶▶ Note

- For details on paper sizes and types that can be loaded, see "[Paper Sizes](#)" or "Paper Information List".
- Borderless printing is not supported on sheets.

1. Turn the printer on. (See "[Turning the Printer On and Off.](#)")



2. Load the sheet. (See "[Loading Sheets in the Printer.](#)")



3. Complete settings in the printer driver for the type of paper and other details.

- ➔ [How to Open the Printer Driver Setup Window](#) (Windows)
- ➔ How to Open the Printer Driver Setup Dialog (macOS)

4. Send the print job.

- ➔ [Printing in Windows](#)
- ➔ [Printing from macOS](#)

Start printing.

»» Important

- Do not move the release lever until instructions (guidance) for removing the paper are displayed. Moving the release lever during printing will cause printing to stop.

Printing in Windows

Print from the application menu.

»» Important

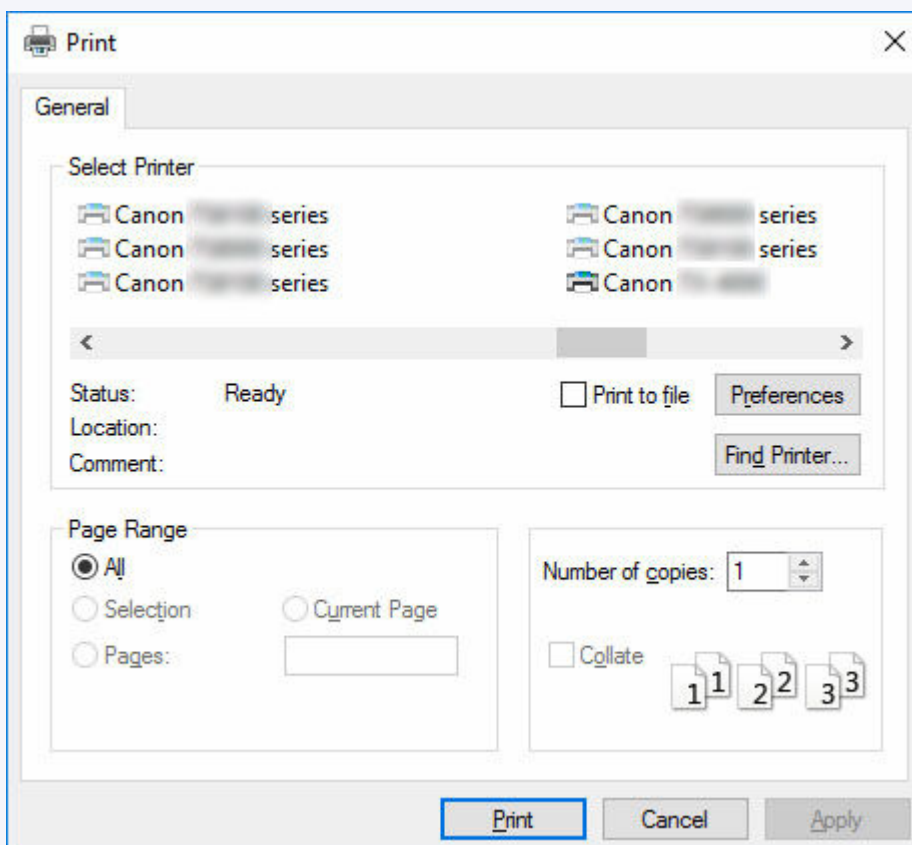
- We recommend exiting unnecessary applications before printing. Running several applications while printing may interrupt the transfer of print data and affect printing quality.

1. In the source application, select **Print** from the **File** menu to display the dialog box for printing conditions.
2. After confirming that the printer is selected in the dialog box, click **Print** or **OK** to start printing.

»» Note

- The appearance of the dialog box varies depending on the software application. In most cases, the dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.

Example: Print dialog box displayed by the application



- If another printer is selected, select the printer you want to use under **Select Printer** or in the dialog box displayed after clicking **Printer**.

You can use the printer driver dialog box to configure various printing settings such as for enlarged or reduced printing and borderless printing. You can open the printer driver dialog box from the application software or from the operating system menu. For details, see "[How to Open the Printer Driver Setup Window](#)" (Windows) or "How to Open the Printer Driver Setup Dialog" (macOS).

Printing from macOS

Print from the application menu after registering the printer.

»» Important

- We recommend exiting unnecessary applications before printing. Running several applications while printing may interrupt the transfer of print data and affect printing quality.

Registering the printer

The printer needs to be registered in **Print & Scan** (identified as Printers & Scanners or **Print & Fax** in other versions of macOS X) in **System Preferences** before printing.

For instructions on registering printers, see "Sharing the Printer on a Network (macOS)."

»» Important

- During this setup process, the printer will not be listed among available printers if it is off or disconnected.

Printing from the application software

1. In the application software, select **Print** from the **File** menu to display the dialog box for printing conditions.

»» Note

- This dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.

➔ [Print Dialog \(macOS\)](#)

2. Select the printer in the **Printer** list.

3. Click **Print** to start printing.

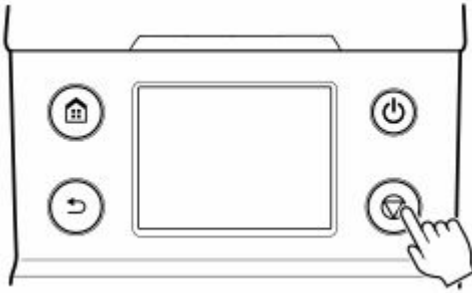
You can make various settings from the print dialog box pop-up menu to change the printing method, including enlarged and reduced printing, and borderless printing.

Canceling print jobs

- [Canceling Print Jobs from the Control Panel](#)
- [Canceling Print Jobs from Windows](#)
- [Canceling Print Jobs from macOS](#)

Canceling Print Jobs from the Control Panel

To cancel printing or reception of print jobs, press the **Stop** button on the operation panel.



When you press the **Stop** button during printing, the printer operation varies depending on the current status.

- **You press the Stop button before printing starts**

Pressing the **Stop** button before printing starts displays a confirmation message. To cancel the print job, select **Yes**.

- **You press the Stop button during printing**

Pressing the **Stop** button during printing displays a confirmation message. To cancel the print job immediately, select **Yes**.

Canceling Print Jobs from Windows

In the printer window, you can cancel jobs that are being sent to the printer.

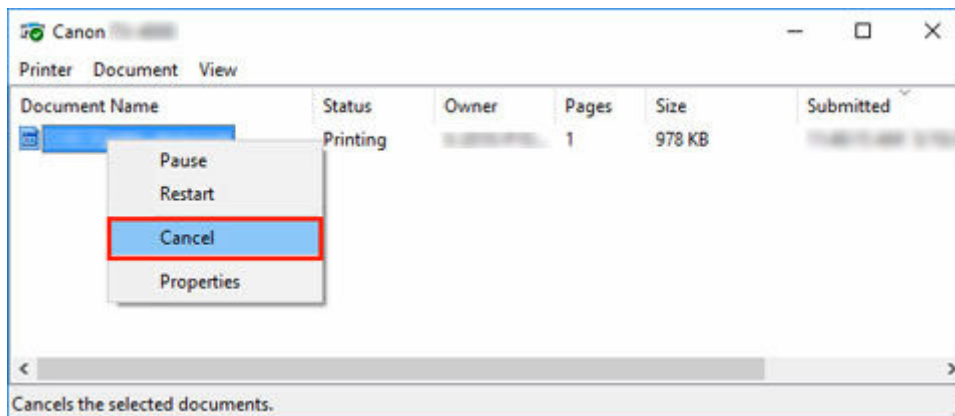
Using Canon IJ Status Monitor, you can cancel print jobs that have already been received by the printer or that are currently being printed.

1. Click the printer icon in the taskbar to display the printer window.

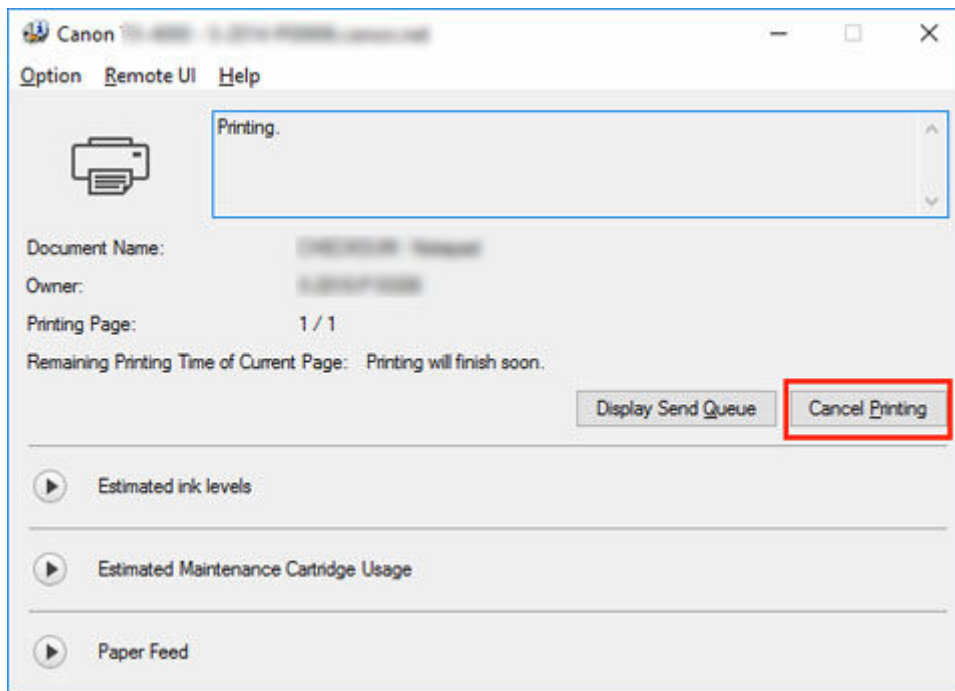
▶▶▶ Note

- You can proceed from the folder for configuring the printer settings in the OS you are using.
For example, in Windows 7, open the **Devices and Printers** window from the **start** menu and double-click the printer icon.

2. Right-click the job to cancel and select **Cancel**.



3. If job to be canceled is not shown in printer window (that is, if print data has already been received by printer), click taskbar icon to display Canon IJ Status Monitor.
4. Click **Cancel Printing**.



▶▶▶ Note

- The screen may differ slightly depending on the model you are using.

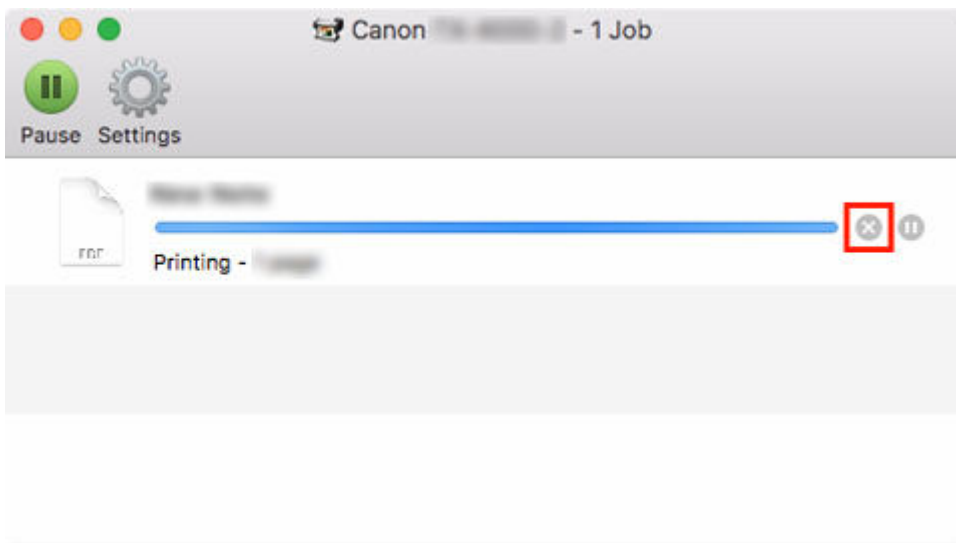
Canceling Print Jobs from macOS

In the printer window, you can cancel jobs that are being sent to the printer.

▶▶▶ Note

- Print jobs are shown in the printer window while they are being sent from the computer. After transmission, jobs are not displayed even during printing.

1. Click the printer icon in the **Dock** to display the printer window.
2. Either click ✕ for the job to cancel printing or select the job to cancel printing and then click **Delete** to delete the job.



▶▶▶ Note

- If the job to be canceled is not shown in the printer window (that is, if the print data has already been received by the printer), you can cancel printing from the operation panel on the printer or from Remote UI. For details, "[Canceling Print Jobs from the Control Panel](#)" or see "[Deleting Print Jobs](#)."

Pausing Printing

- ▶ Pausing Printing

Pausing Printing

During printing, if you set **Pause printing** to **Enable**, the printer enters a state in which printing is paused, after the completion of the printing process when this setting was made.

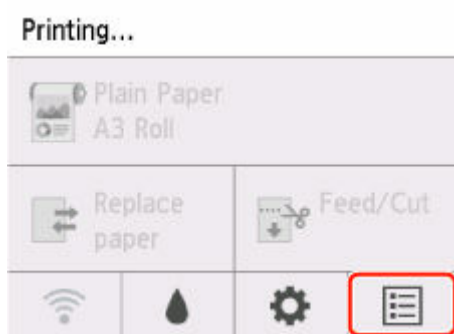
In this state, all printing is not executed.

To restore normal operation after pausing printing, set **Pause printing** to **Disable**.

▶▶▶ Note

- In the following cases, the status is cleared even if you do not set **Pause printing** to **Disable**.
 - When paper is advanced
 - If you changed the media type from the paper settings display area

1. Tap  (**Jobs**) on Home screen during printing.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Pause printing**.

3. Tap **Enable** or **Disable**.

Handling and Use of Paper

► Paper

- Types of Paper
- Paper Sizes
- Using Paper Other Than Genuine Paper and feed confirmed Paper
 - Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings
 - Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type
- Paper Information List
- Updating paper information

► Handling rolls

- Loading Rolls on the Roll Holder
- Loading Rolls in the Printer
- Changing the Type of Paper
- Specifying the Paper Length
- Removing the Roll from the Printer
- Removing Rolls From the Roll Holder
- Remove Jammed Roll Paper
- Feeding Roll Paper Manually
- Keeping Track of the Amount of Roll Paper Left
- Specifying the Amount of Extension for Borderless Printing
- Specifying the Ink Drying Time
- Specifying the Cutting Method for Rolls
- Cutting the Leading Edge of Roll Paper Automatically
- Reducing Dust from Cutting Rolls
- Detecting Roll Paper was Replaced While the Power was Off

► Handling sheets

- Loading Sheets in the Printer
- Changing the Type of Paper
- Printing From a Desired Starting Point
- Removing Sheets
- Remove a Jammed Sheet
- Specifying the Ink Drying Time

➤ **Basket**

- Using the Basket

➤ **Adding/Editing Media Information**

Paper

- **Types of Paper**
- **Paper Sizes**
- **Using Paper Other Than Genuine Paper and feed confirmed Paper**
 - **Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings**
 - **Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type**
- **Paper Information List**
- **Updating paper information**

Types of Paper

The following media types are supported by the printer. For details on the media types supported by the printer, see "Paper Information List."

- Plain Paper
- Coated Paper
- Photo Paper
- Glossy Paper
- Proofing Paper
- CAD-dedicated Paper Etc.

The Paper Information List includes the following information.

- Types of paper
- Paper handling
- Paper product specifications
- Use precautions
- Setting of printer driver, operation panel etc.

▶▶▶ Note

- For instructions on using paper not included in the Paper Information List, see "[Using Paper Other Than Genuine Paper and feed confirmed Paper.](#)"

• Method of Updating Supported Paper

Paper that is supported by the printer may be newly released on the Canon website.

To use newly released paper, register the latest paper information on the printer with the Media Configuration Tool. (See "[Updating paper information.](#)")

▶▶▶ Important

- Even if you are not using the printer driver, you should install the Media Configuration Tool in order to register the media types for your region in the printer.
(See "Media Configuration Tool Guide" .)

Paper Sizes

Rolls

Rolls that meet the following conditions are supported.

- Outer diameter is 5.9 inches (150 mm) or less
- Inner diameter of paper core: 2 or 3 inches
- Printing side out

Roll Paper Width	GP-300 / GP-5300 : 36.11 in. (917.0 mm) to 8.00 in. (203.2 mm) GP-200 / GP-5200 : 24.02 in. (610.0 mm) to 8.00 in. (203.2 mm)
Roll paper width recommended for borderless printing(*1,*2)	36 in Roll (914.4mm) A0/A1 Roll (841.0mm) B1/B2 Roll (728.0mm) 24 in Roll (609.6mm) A1/A2 Roll (594.0mm) B2/B3 Roll (515.0mm) 17 in Roll (431.8mm) 14 in Roll (355.6mm) 10 in Roll (254.0mm)
Minimum Paper Length	8.00 in. (203.2 mm) Excludes cloth/canvas paper.
Maximum Printable Length	59 feet (18 m) depends on the OS and application.
Thickness	3 mil (0.07 mm) to 31 mil (0.8 mm)

*1:Borderless printing may not be available depending on the media type. For details on media types that can be used for borderless printing, see "Paper Information List."

*2:You can perform borderless printing without specifying Roll paper width recommended for it. As opposed to standard borderless printing, there will be a small margin on the left and right because the paper width is set a little bit smaller than the width of the document.

Sheets

Sheets of the following sizes are supported.

Sheet Width	GP-300 / GP-5300 : 36.11 in. (917.0 mm) to 8.00 in. (203.2 mm) GP-200 / GP-5200 : 24.02 in. (610.0 mm) to 8.00 in. (203.2 mm)
Minimum Paper Length	11.00 in. (279.4 mm)
Maximum Printable Length	5.2 feet (1.6 m)

Thickness	3 mil (0.07 mm) to 31 mil (0.8 mm)
------------------	------------------------------------

▶▶ Note

- For details on non-standard sizes, see "[Setting Paper Dimensions \(Custom Size\)](#)" (Windows) or "Setting Paper Dimensions (Custom Size)" (macOS).
- Borderless printing is not supported on sheets.

Using Paper Other Than Genuine Paper and feed confirmed Paper

When using this printer to print on paper other than genuine Canon paper and feed confirmed paper, use paper that meets the following conditions.

▶▶▶ Note

- For Canon genuine paper/feed confirmed paper, see "Paper Information List."
- Paper where the size is described in "Paper Sizes" (See "[Paper Sizes.](#)")
- Paper where bleeding and ink overflow does not occur when printing
- Paper that does not warp severely when loading the paper or printing

▶▶▶ Important

- If you use paper other than Canon genuine paper and feed confirmed paper, Canon provides absolutely no guarantees regarding print quality or paper feed properties. For Canon genuine paper/feed confirmed paper, see "Paper Information List."

After loading the paper in the printer, select the media type in the operation panel and printer driver and then perform the printing. For the media type, you can select easily from existing settings or you can create and use settings for the paper you are using.

Printing Using Existing Settings

You can print easily by selecting from existing settings provided in the operation panel and printer driver. (See "[Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings.](#)")

Printing Using Additional Settings

You can use the Media Configuration Tool function for adding custom paper to create settings suitable for non-Canon genuine paper/feed confirmed paper and add as a new media type to the printer's operation panel and the printer driver for printing. (See "[Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type.](#)")

Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings

You can easily print on paper other than genuine Canon paper and feed confirmed paper without making complicated settings by selecting the existing settings provided in the operation panel and printer driver depending on the media type you are using. The existing settings consist of general-purpose paper settings provided for different media types.

▶▶▶ Important

- The Canon genuine paper settings provided in the operation panel and printer driver are optimized for Canon genuine paper. If these settings are selected for printing on paper other than Canon genuine paper, the ink may bleed or the print head may rub against the paper. To easily print on paper other than Canon genuine paper and feed confirmed paper, we recommend that you select one of the following general-purpose paper settings.

▶▶▶ Note

- For an overview of the media types, see "[Types of Paper](#)."
- For instructions on selecting the media type with the operation panel, see "[Types of Paper](#)". For instructions on selecting the media type with the printer driver, see "[How to Open the Printer Driver Setup Window](#)" (Windows) or "How to Open the Printer Driver Setup Dialog" (macOS).

Choosing General-Purpose Paper Settings

These settings anticipate a wide variety of paper other than Canon genuine paper and feed confirmed paper, and, therefore, these settings make it difficult for bleeding ink and print head rubbing to occur. For details on the relationships between the conditions of paper other than Canon genuine paper and feed confirmed paper and the media type to select, see "Paper Information List."

▶▶▶ Note

- If you cannot obtain the desired results by selecting the general-purpose paper settings, use the custom paper adding function in Media Configuration Tool to create settings suitable for the paper you are using. For details, see "[Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type](#)."

Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type

Media Configuration Tool provides a function for adding custom paper for better print quality and improved paper feed properties when printing on paper other than Canon genuine paper/feed confirmed paper than when printing with general-purpose settings. You can use this function to configure settings such as the amount of ink used and the height of the print head according to the characteristics of the paper being used, and thereby realize higher print quality. Also, you can add the settings created with this function as a new media type to the operation panel and printer driver.

For details on Media Configuration Tool, refer as follows.

➡ Media Configuration Tool Guide

▶▶▶ Important

- For details on how to select the added media type in the operation panel, see "[Changing the Type of Paper.](#)"
- You can select the media type to be used in printing from **Media Type** in the **Main** sheet (Windows) or **Quality & Media** (macOS) in the printer driver. For details, see "[Main Tab Description](#)" (Windows) or "Quality & Media" (macOS).
- We recommend that you use an ICC profile created using commercially available profile creation software to perform color management accurately on paper other than Canon genuine paper and feed confirmed paper. You can register the ICC profile you created when creating a custom paper with Media Configuration Tool. See "Adding Custom Paper" in Media Configuration Tool Guide.

Updating paper information

You can update the printer's media information to the latest information by applying the latest version of the Media Information File.

For details on the procedure for applying the Media Information File, refer to the following.

➔ [Media Configuration Tool Guide](#)

»» Important

- If you are using the Media Configuration Tool, the new Media Information File is downloaded automatically when released on the Canon website. A computer connected to the Internet is required to download the Media Information File.

Handling rolls

- **Loading Rolls on the Roll Holder**
- **Loading Rolls in the Printer**
- **Changing the Type of Paper**
- **Specifying the Paper Length**
- **Removing the Roll from the Printer**
- **Removing Rolls From the Roll Holder**
- **Remove Jammed Roll Paper**
- **Feeding Roll Paper Manually**
- **Keeping Track of the Amount of Roll Paper Left**
- **Specifying the Amount of Extension for Borderless Printing**
- **Specifying the Ink Drying Time**
- **Specifying the Cutting Method for Rolls**
- **Cutting the Leading Edge of Roll Paper Automatically**
- **Reducing Dust from Cutting Rolls**
- **Detecting Roll Paper was Replaced While the Power was Off**

Loading Rolls on the Roll Holder

When printing on roll paper, attach the roll paper to the roll holder.

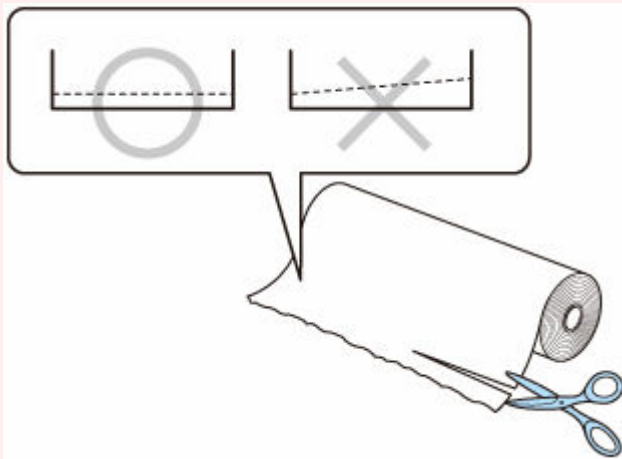
Roll paper comes in two types: 2-inch and 3-inch cores. If using 3-inch core roll paper, attach the 3-inch paper core attachment to the roll holder and holder stopper.

⚠ Caution

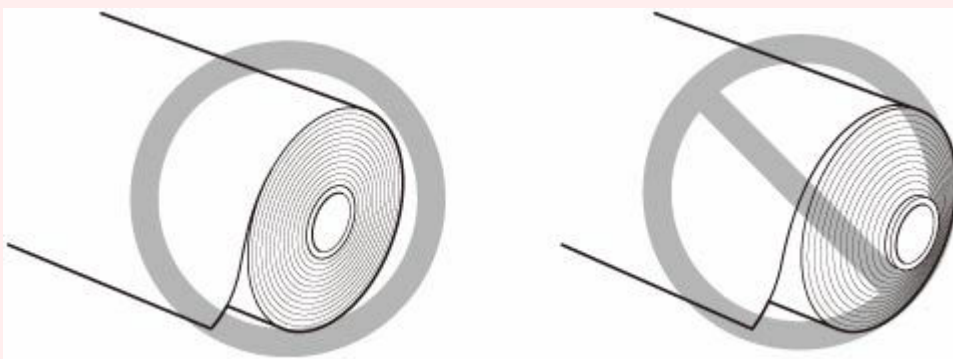
- Set the roll on its side on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.

➤➤ Important

- When handling the roll, be careful not to soil the printing surface. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- Cut the edge of the roll paper if it is uneven, dirty, or has tape residue. Otherwise, it may cause feeding problems and affect the printing quality. Be careful not to cut through any barcodes printed on the roll.



- Align the edges of the paper on both ends of the roll. This may cause feeding problems.

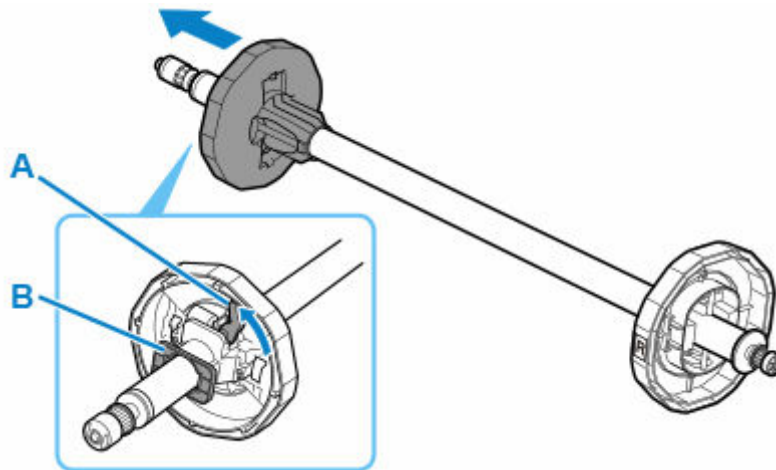


- If a feeding problem occurs, release the release lever and reload the roll paper.

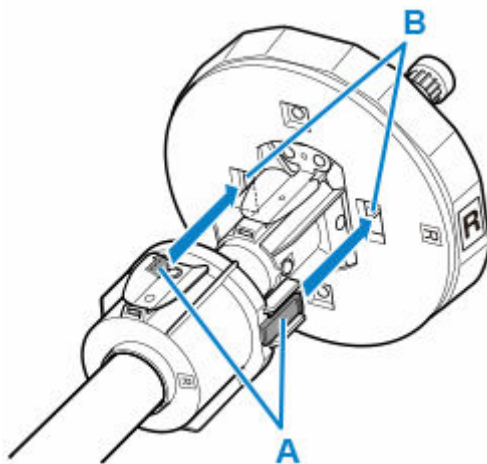
➤➤ Note

- For details on roll paper sizes and types that can be used, see "[Paper Sizes](#)" or "Paper Information List".

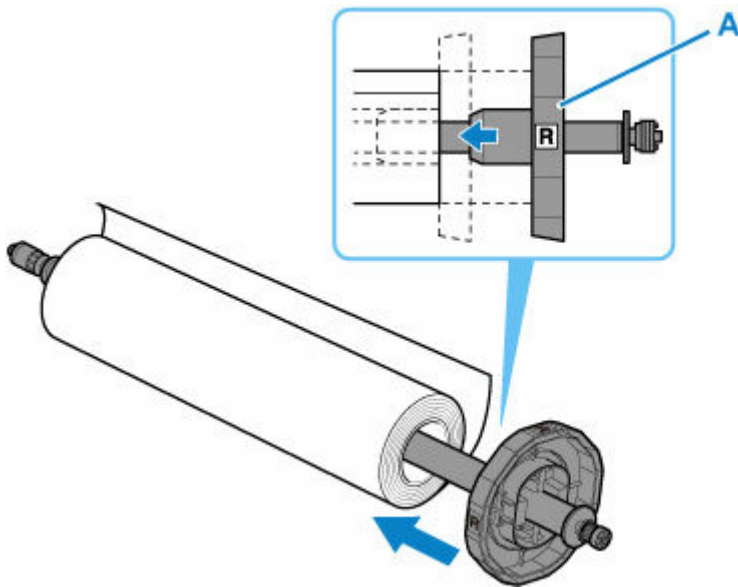
1. Rotate the holder stopper lever (A) towards  to release the lock, and while holding it in position (B), remove holder stopper from the roll holder.



2. If using 3-inch core paper, align 3-inch paper core attachment tabs (A) with roll holder holes (B) and insert firmly.



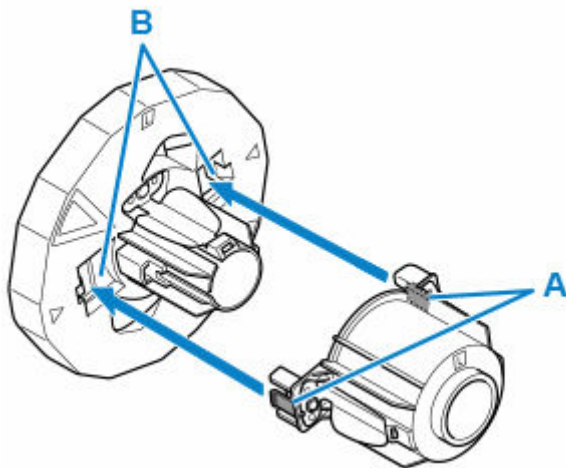
3. With leading edge of roll paper facing forward as shown, insert Roll Holder from right side of roll. Insert firmly until roll paper touches flange (A) of roll holder.




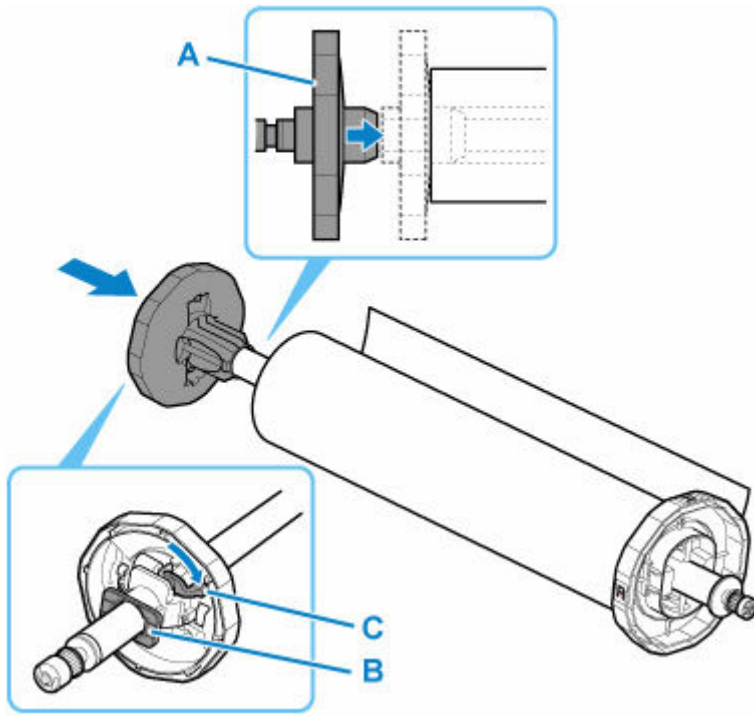
Important

- When loading a roll, be careful to avoid hitting the printer hard with the roll. This may damage the roll holder.
- If you stand the roll holder vertically and set the roll paper by dropping, the roll holder may be damaged.

4. If using 3-inch core paper, align 3-inch paper core attachment tabs (A) with holder stopper holes (B) and insert firmly.



5. Insert holder stopper from left into roll holder as shown, and then while holding in position (B), push firmly until holder stopper flange (A) touches roll paper. Lock the holder stopper lever (C) by rotating it towards .



Loading Rolls in the Printer

Follow these steps to load rolls in the printer.

►► Important

- Before loading a roll, confirm whether the inside of the top cover or the output guide is soiled. If these areas are dirty, we recommend cleaning them in advance. (See "[Cleaning Inside the Top Cover.](#)")

1. Tap **Load paper** or **Replace paper** on the Home screen of the operation panel.



►► Note

- If the Home screen does not appear, tap the **HOME** button.

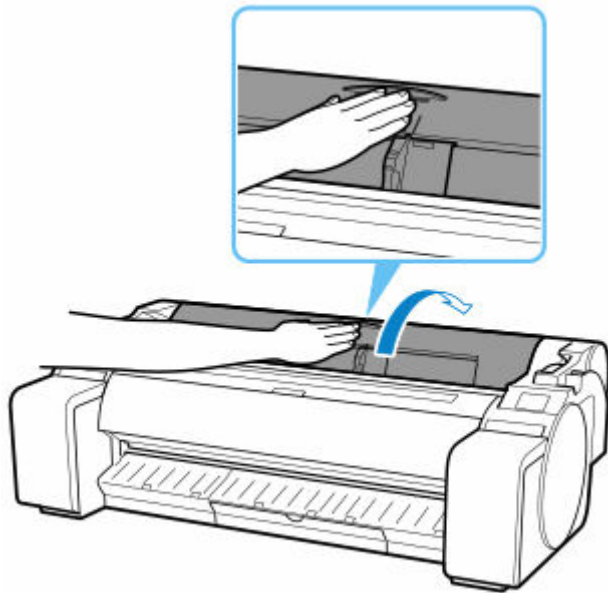
2. Tap **Load roll paper**.

►► Note

- If any paper has been advanced that will not be used, a message is shown requesting you to remove it.

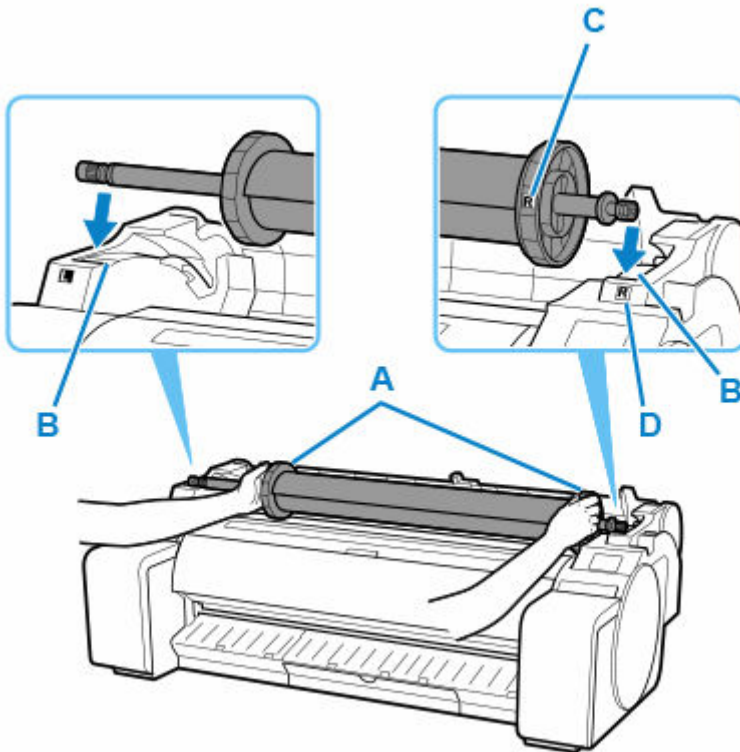
After following the instructions on the screen to remove the paper, go to the next step.

3. Positioning your hands as shown, open the roll paper cover.



4. Holding the roll holder flange (A), rest the roll holder shaft on the roll holder resting ledge (B).

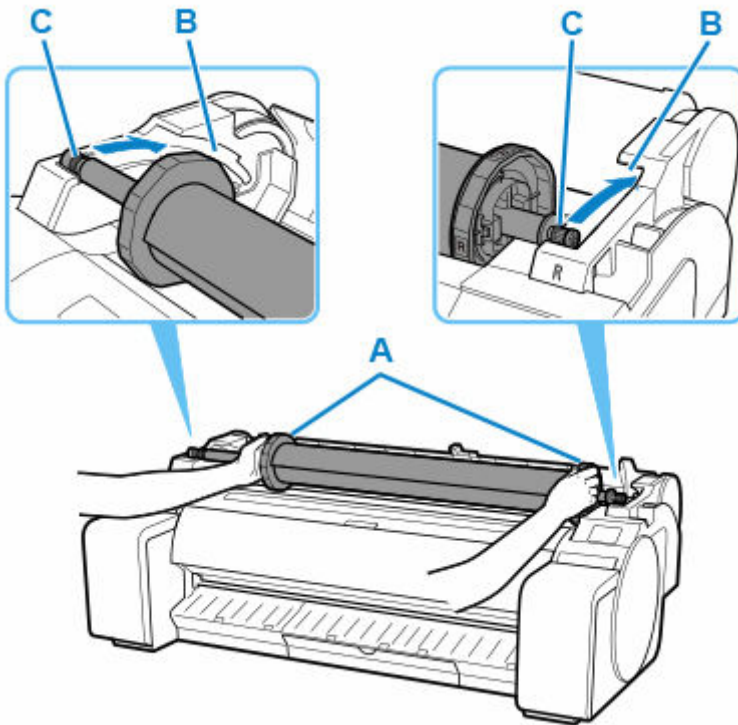
At this time, position the holder as shown in the illustration so that the R label (C) on the roll holder flange is aligned with the R label (D) on the printer.



▶▶▶ Note

- For the procedure for attaching the roll paper to the Roll Holder, see "[Loading Rolls on the Roll Holder.](#)"

5. Holding the roll holder flange (A), guide the holder along the slide guides (B) on both ends, keeping the holder level as you load it in the roll holder slot.



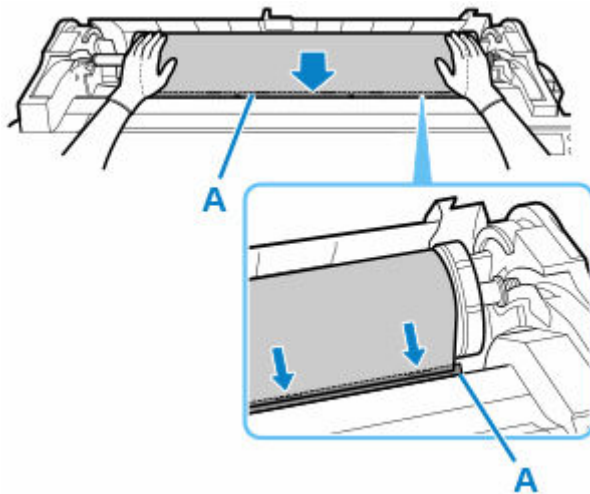
⚠ Caution

- Do not force the roll holder into the printer with the right and left ends reversed. This may damage the printer and roll holder.
- Do not release the flanges until the holder is loaded in the roll holder slot.
- Be careful not to pinch your fingers between the slide guides (B) and the roll holder shaft (C) when loading rolls.

▶▶▶ Important

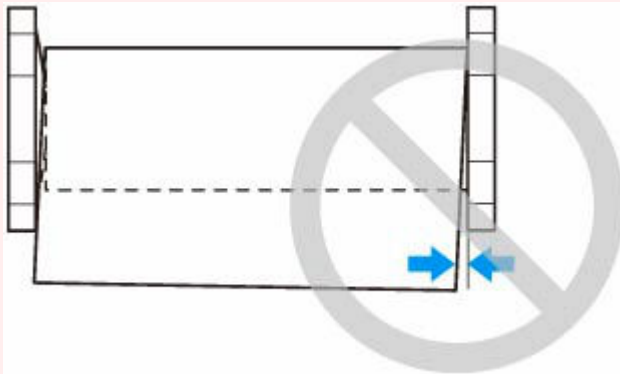
- If the leading edge of the roll paper is cut crooked or folded, it may not be fed correctly. Cut the leading edge of the roll paper with scissors or the like and straighten it.
- Load the roll paper so that it is not loaded in the opposite direction.

6. Insert the edge of the roll in the feed slot (A) and advance the roll until you hear the feed tone.



►►► Important

- If the roll paper has become unwound, remove the slack before loading the roll paper.
- Be careful not to soil the printing surface of roll paper as you insert it in the slot. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- If the paper is wrinkled or warped, straighten it out before loading it.
- Load the roll so that there is no gap between the right edge of the paper and the roll holder.



7. After paper feeding has started, do the following operations based on the **Manage remaining roll amount** setting and the barcode printed on the roll paper (see "[Keeping Track of the Amount of Roll Paper Left](#)").

- **When selecting Disable or Warning message only in Manage remaining roll amount.**

A menu for selecting the media type appears on the operation panel. Operate the operation panel and select the media type to be used.

- **When selecting Barcodes in Manage remaining roll amount and if the barcode is printed.**

The type and amount of paper left is automatically detected based on the barcode printed on the roll. There is no need to specify the type and length of the paper.

- When selecting **Barcodes in Manage remaining roll amount** and if the barcode is not printed.

A menu for selection of the media type and length is shown on the operation panel. Operate the operation panel, select the media type to be used, and enter its length.

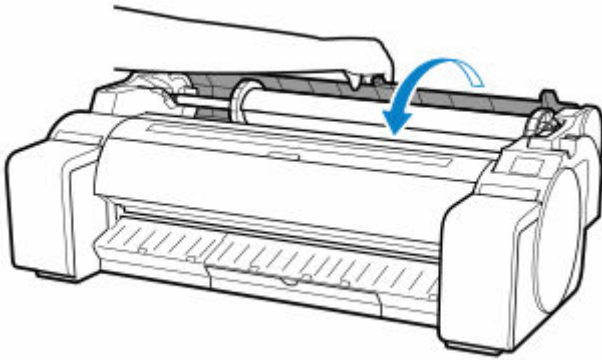
▶▶▶ Important

- When selecting **Enable** in **Keep media type**, there is no need to specify the type of the paper.
- Cut the edge of the roll using the **Cut paper** function if the edge is creased or soiled. (See "[Specifying the Cutting Method for Rolls.](#)")
- When selecting the media type on the operation panel, make sure the media type set in the printer driver and the media type loaded on the printer match.

▶▶▶ Note

- For details on media types that you can select, see "Paper Information List."

8. Holding it at the positions indicated, close the roll paper cover.



▶▶▶ Note

- Cut the edge of the roll after the paper is advanced if it is soiled or if there are cuts from scissors or the blade after removing creased edges. (See "[Specifying the Cutting Method for Rolls.](#)")
- Adjusting the print head alignment with the type of paper to be used in printing may enhance printing quality. (See "[Automatic Adjustment to Straighten Lines and Colors.](#)")

Changing the Type of Paper

Follow these steps to change the type of paper specified on the printer after you have loaded paper.

If you continue using the same type of paper and set **Keep media type** to **Enable**, when you load paper, the media type selected before **Enable** was set is selected automatically, eliminating the need to set the media type. (See "[Using the Same Type of Paper Regularly](#).")

►► Important

- For best printing results, the printer fine-tunes the print head height and the feed amount for each type of paper. Be sure to select the type of paper to use correctly before printing.
- Because the printer fine-tunes the feed amount for each type of paper, the margins and the size of printed images may vary depending on the type of paper used. If margins and the size of images are not as you expected, adjust the paper feed amount.
(See "[Adjusting Feed Amount](#).")
- Rolls and sheets have different printing areas, and sheets having a larger bottom margin than rolls.
(See "[Print Area](#).")

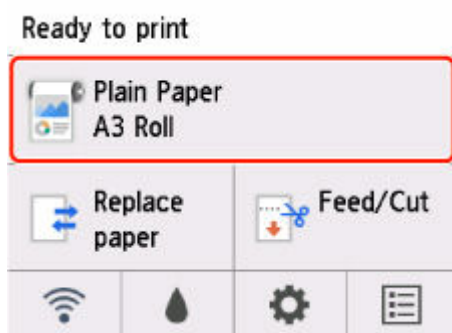
Changing the Type of Paper

►► Note

- When you load roll paper, a menu for selecting the media type appears on the operation panel. Tap the media type.

If no barcode has been printed on the roll paper and you have set **Manage remaining roll amount** to **Barcodes**, specify the roll length after selecting the media type. (See "[Specifying the Paper Length](#).")

1. Tap paper settings display area on Home screen of operation panel.



►► Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.

3. Tap **Type**.

4. Tap media type of roll paper loaded in printer.

5. Tap **Register**.

▶▶▶ Important


- Be sure to select the correct paper type. If this setting does not match the loaded paper, it may cause feed errors and affect printing quality.

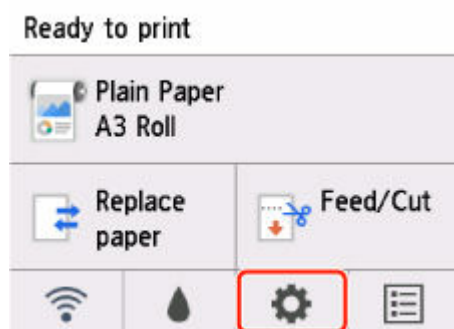
▶▶▶ Note

- For details on media types, see "Paper Information List." At the factory default settings, **Plain Paper** is selected for the media type.
- When the release lever is operated, the settings automatically return to the last selected media type.

Using the Same Type of Paper Regularly

Configure this setting so that current media type settings will be automatically selected when you load the same type of paper later.

1. Tap  (**Setup**) on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Printer settings**.

3. Tap **Paper-related settings**.

4. Tap **Keep media type**.

5. Tap **Enable**.

▶▶▶ Note

- The specified media type setting is updated in the following situations.

- When using sheets, if you send a print job before loading a sheet, the media type setting is updated to match the type of paper specified by the print job.
- If a barcode is printed on the roll paper and you have set **Manage remaining roll amount to Barcodes** in the operation panel menu, the media type setting is updated to match the media type specified by the barcode.
- To change the media type setting, see "[Changing the Type of Paper.](#)"

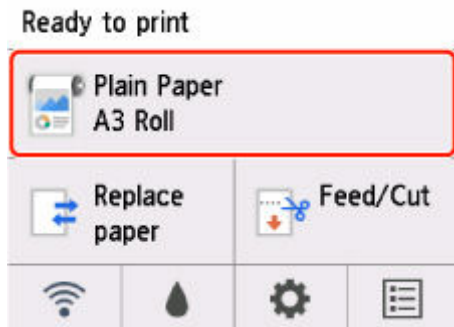
Specifying the Paper Length

When changing the length of paper after the paper has been advanced, specify the length as follows.

►► Note

- Specify the roll paper length when you have set **Manage remaining roll amount** to **Barcodes**. (See "[Keeping Track of the Amount of Roll Paper Left.](#)")

1. Tap paper settings display area on Home screen of operation panel.



►► Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Roll length (change default)**.
5. Enter roll paper length.

Specify the roll length as follows.

1. Tap the numerical input field.
2. Tap the keypad appearing on the operation panel, enter the roll paper length, and then tap **OK**.
3. Check the entered length and tap **OK**.

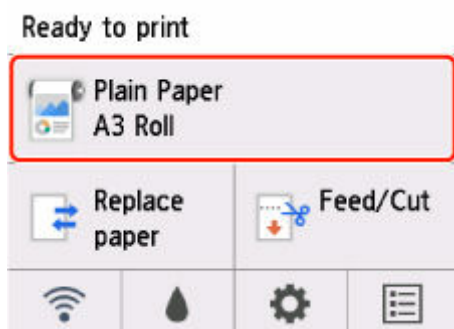
Removing the Roll from the Printer

Remove rolls from the printer as follows.

▶▶▶ Note

- If you need to cut a printed roll, select **Feed/Cut** in the printer menu and cut the roll paper at the desired position. (See "[Specifying the Cutting Method for Rolls.](#)")

1. Tap paper settings display area on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Remove paper**.

3. Tap **Yes**.

The roll is rewind.

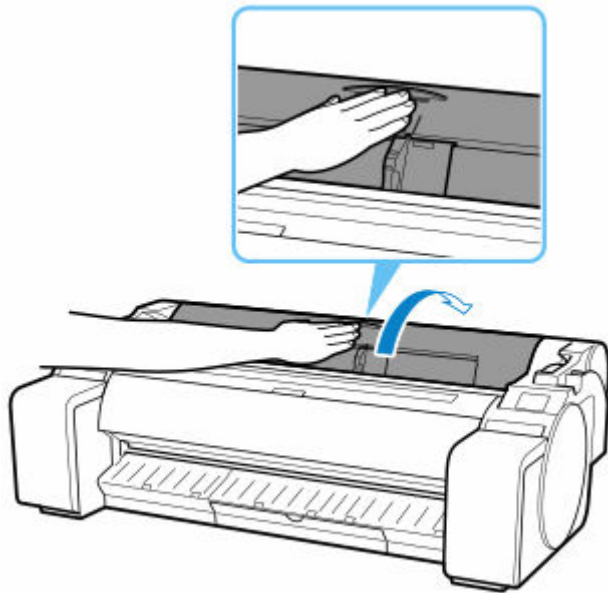
▶▶▶ Important

- If **Manage remaining roll amount** is set to **Barcodes** in the operation panel menu, a barcode is printed on the leading edge of the roll paper.

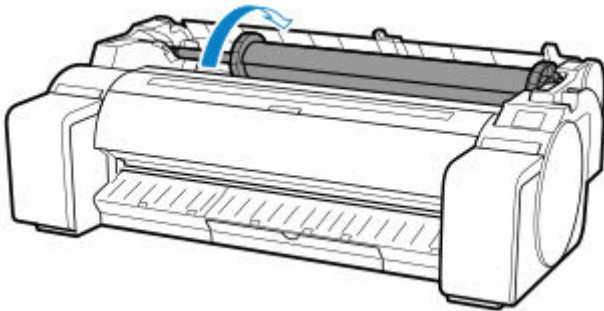
Do not remove the roll before the barcode is printed. You will be unable to keep track of the amount of roll paper left. (See "[Keeping Track of the Amount of Roll Paper Left.](#)")



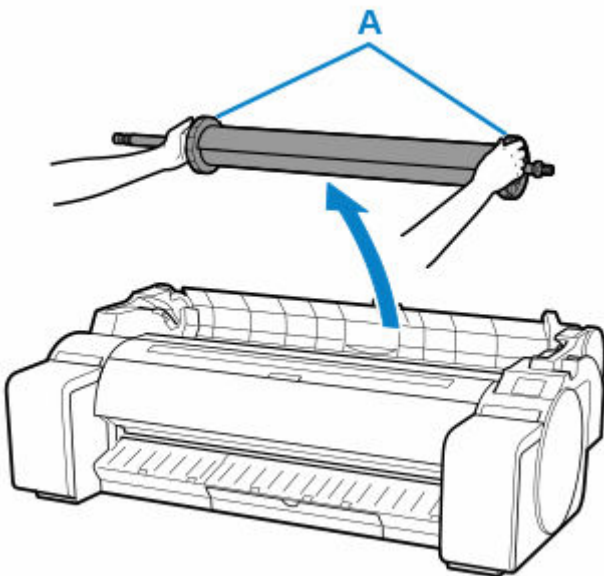
4. Positioning your hands as shown, open the roll paper cover.



5. Using both hands, rotate the roll holder toward the back to rewind the roll.



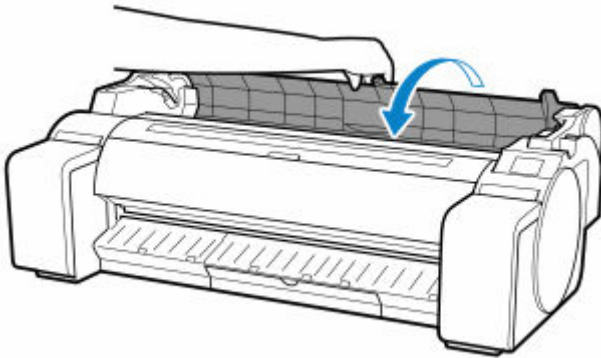
6. Hold roll holder by its flanges (A) and remove from roll holder slot.



▶▶▶ **Note**

- For instructions on removing the roll holder from rolls, see "[Removing Rolls From the Roll Holder.](#)"

7. Holding it at the positions indicated, close the roll paper cover.

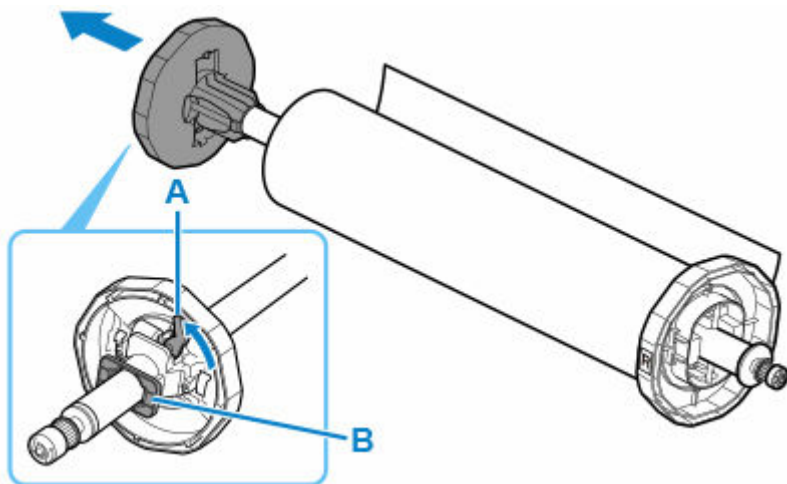


▶▶▶ **Note**

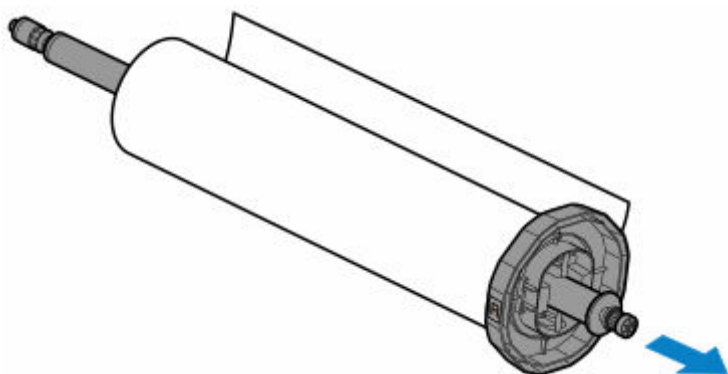
- To load new roll paper in the printer at this point, see "[Loading Rolls in the Printer.](#)"
- Clean inside the top cover before loading paper.
(See "[Cleaning Inside the Top Cover.](#)").

Removing Rolls From the Roll Holder

1. Rotate the holder stopper lever (A) towards  to release the lock, and while holding it in position (B), remove holder stopper from the roll holder.

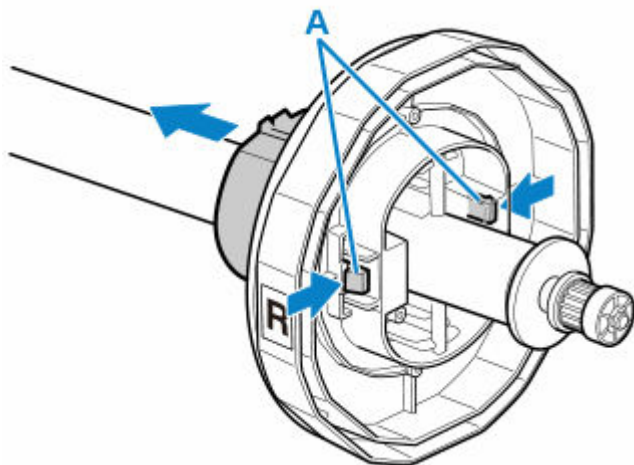


2. Remove roll holder from roll paper.

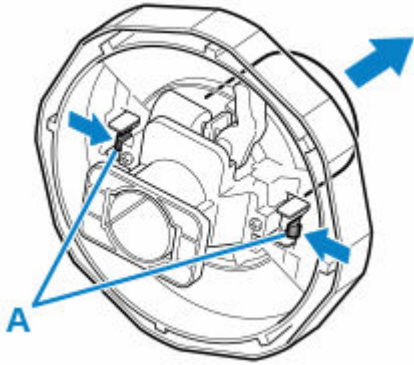


3. To remove 3-inch paper core attachment, press tabs (A) inward and remove attachment.

- roll holder Side



- holder stopper Side



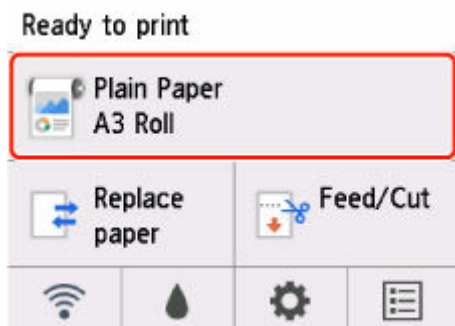
►► Important

- Store the roll in the original bag or box, away from high temperature, humidity, and direct sunlight. If paper is not stored properly, the printing surface may become scratched, which may affect the printing quality when you use it again.

Feeding Roll Paper Manually

After feeding the roll paper, you can move it forward and back.

1. Tap paper settings display area on Home screen of operation panel.



►►► Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Feed/Cut**.

3. Tap or touch **Advance** and **Rewind** to move roll paper forward or back.

►►► Note

- Tapping **Advance** or **Rewind** moves the roll paper approximately 0.04 inch (1 mm).
Touching **Advance** or **Rewind** moves the roll paper until you release the key. If "**Cannot advance the paper any further.**" appears on the operation panel, release the key.

4. Tap **OK** when you have determined position of roll paper.

Keeping Track of the Amount of Roll Paper Left

There are two methods of managing the amount of roll paper left: by using the barcode and by estimating the amount of roll paper left.

Managing by the Barcode for the Amount of Roll Paper Left

When you set **Manage remaining roll amount** to **Barcodes** in **Printer settings** on the Home screen, the amount of remaining roll paper and the media type information are printed as a barcode and text when the paper is removed. When **Manage remaining roll amount** is set to **Barcodes** and you load roll paper with a printed barcode, the media type and remaining amount are automatically detected after the roll paper is loaded. The barcode will be cut off after it has been read.




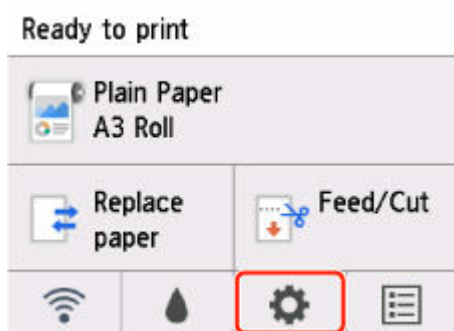
Important

- If the barcode on the roll is not detected, enter the type and length of paper on the operation panel. The length of the paper at this time can be set in **Roll length (change default)**.

➔ [Setting the Default Value of the Amount of Roll Paper Left when Managing by the Barcode](#)

Follow the steps below when setting **Manage remaining roll amount** to **Barcodes**.

1. Tap  (**Setup**) on Home screen of operation panel.



Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Printer settings**.
3. Tap **Paper-related settings**.
4. Tap **Manage remaining roll amount**.
5. Tap **Barcodes**.

6. Check the length of the roll paper and tap **OK**.

▶▶▶ **Note**

- The length of the roll paper to be displayed can be set in **Roll length (change default)**.
 - ➔ [Setting the Default Value of the Amount of Roll Paper Left when Managing by the Barcode](#)
- If the length of the roll paper to be displayed is different from the length of the roll paper actually used, set the actual length.

7. Select the timing when the warning message appears.

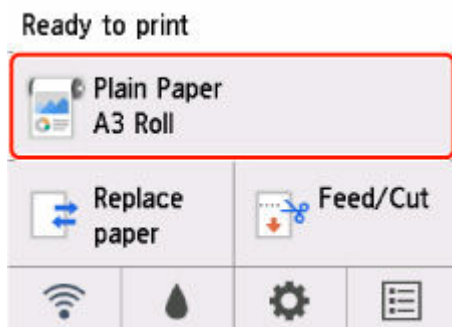
Setting the Default Value of the Amount of Roll Paper Left when Managing by the Barcode

When you select **Barcodes** in **Manage remaining roll amount** and if you feed roll paper on which no barcode is printed, such as new roll paper, the screen to enter the roll paper length (remaining amount) appears.

In this screen, the length (remaining amount) of default value appears. If the length is not correct, tap the screen and enter a correct length.

When you want to change the length (remaining amount) of default value, follow the steps below.

1. Tap paper settings display area on Home screen of operation panel.



▶▶▶ **Note**

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.

3. Tap **Advanced**.

4. Tap **Roll length (change default)**.

5. Specify the length of the roll paper and tap **OK**.

Managing by Estimating the Amount of Roll Paper Left

When you set **Manage remaining roll amount** to **Warning message only** in **Printer settings** on the Home screen, if the amount of roll paper left decreases, the **Status** lamp on the operation panel lights up orange and the warning message is displayed. The barcode is not printed.

The time to display warning message can be set in **Roll amount warning settings**. If you increase the level in **Roll amount warning settings**, the warning message appears sooner.

▶▶ Important

- If the type of paper is not selected correctly, the amount of roll paper left may not be estimated correctly.
- When using the types of paper which are not displayed on "Paper Information List," set the paper thickness and the size of paper core with Media Configuration Tool.
 - ➔ [Media Configuration Tool Guide](#)

Specifying the Amount of Extension for Borderless Printing

Borderless printing may leave margins on the left and right sides of the paper or soil the back of the paper. Adjusting the amount of extension may improve these problems.

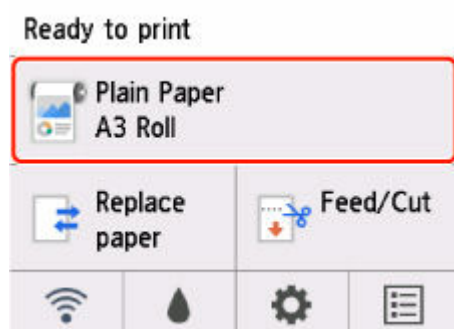
Each paper width is shown as being a recommended width for borderless printing (**Paper with recommended width**), or as having sufficient width for borderless printing (**Paper of sufficient width**). The procedure for specifying the amount of extension differs depending on **Paper with recommended width** and **Paper of sufficient width**.

- ➔ [Specifying Amount of Extension for Paper with recommended width.](#)
- ➔ [Specifying Amount of Extension for Paper of sufficient width.](#)

For more information on a paper width recommended for borderless printing, see [Paper Sizes](#).

Specifying Amount of Extension for Paper with recommended width.

1. Tap paper settings display area on Home screen of operation panel.



2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Extension for borderless printing**.
5. Tap **Paper with recommended width**.
6. Select amount of extension.

Select **Large**, **Standard**, or **Small**.

▶▶▶ Note

- When selecting **Large**, the printed area will be wider. Select this if there are margins.
- When selecting **Small**, the printed area will be narrower. Select this if there are stains.

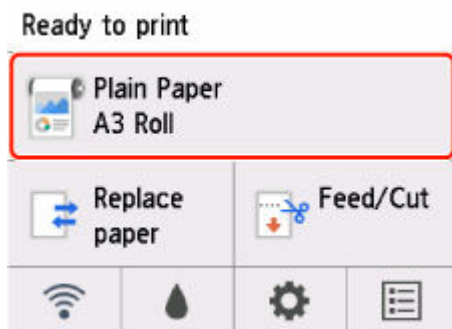
Specifying Amount of Extension for Paper of sufficient width.

In case of **Paper of sufficient width**, the width of the original is set to be slightly smaller than the paper, and there are margins on the left and right. You can reduce the margins by increasing the amount of extension.

On the other hand, if the amount of extension is too large, the back side of the paper will be easily soiled with the overflowed ink. When performing borderless printing with specifying the amount of extension for **Paper of sufficient width**, clean the platen regularly.

➔ [Cleaning Inside the Top Cover](#)

1. Tap paper settings display area on Home screen of operation panel.



2. Tap **Paper settings**.
3. Tap **Advanced setup**.
4. Tap **Extension for borderless printing**.
5. Tap **Paper of sufficient width**.
6. Select the adjustment value.

▶▶▶ Note

- The larger the set adjustment value, the wider the printed range.
- After setting, we recommend to perform borderless printing to check the margin status.
If the margin remains, set a larger adjustment value. If the back of the paper is soiled, set a smaller adjustment value.
- After borderless printing for confirmation, we recommend to clean the platen.

➔ [Cleaning Inside the Top Cover](#)

Specifying the Ink Drying Time

When you are using paper that takes longer for ink to adhere, ink may be transferred onto the paper surface during ejection, soiling it. In that case, you may be able to improve the condition by setting the time to wait for the ink to dry after printing.

Important

- Printer settings are applied when the ink drying time is not set in the printer driver. If the ink drying time is set in the printer driver, that setting has priority.

Note

- If the cutter touches the print surface on which the ink is not dry, the paper surface may become scratched or soiled, or the paper surface may rub when the paper falls and the surface may become soiled.

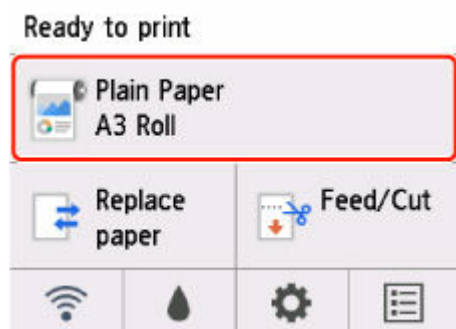
To wait for the ink to dry without allowing printed materials to fall after printing, set **Cutting mode** on the printer menu to **Eject cut**. (See "[Specifying the Cutting Method for Rolls.](#)")

- The ink drying time for sheets can also be set using this procedure.

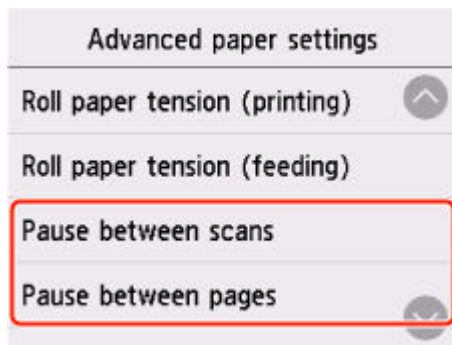
Set on the Printer

Set with the operation panel of the printer.

1. Tap paper settings display area on Home screen of operation panel.



2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Scroll the screen, tap **Pause between scans** or **Pause between pages**.



Pause between scans

Specify the waiting time between printing one scan on a page and printing the next one.

Pause between pages

Specify the waiting time between printing one page and ejecting the paper. If there is a next page, it will be printed after the ink drying time has elapsed.

Set on your Computer

Refer to the followings for how to set from your computer.

- ➔ [Main Tab Description](#) (Windows)
- ➔ [Advanced Paper Settings](#) (macOS)

Specifying the Cutting Method for Rolls

How rolls are cut after ejection varies depending on printer settings.

- **Automatic cut**

The roll is automatically cut by the cutter blade according to the printer driver settings.

- Printer Setting

Tap paper settings display area >**Paper settings>Advanced>Cutting mode>Automatic cut**

- Driver Setting

Automatic Cutting>Yes

➡ See "[Cutting Roll Paper after Printing](#)" (Windows).

➡ See "Cutting Roll Paper after Printing" (macOS).

- **Eject (when the paper surface is being scratched / to wait for ink to dry)**

Select this to move the cutter by operation panel operation and cut paper. With **Automatic cut**, the paper drops and may rub against the basket, resulting in damage to the print surface, but you can cut using this method and supporting the paper so that it does not drop to avoid damage to the paper. Also, you can prevent paper that has not dried from dropping by visually checking the ink has dried, and then cutting the paper.

After printing, tap **Cut paper** and cut the roll paper on the cutter blade.

- Printer Setting

Tap paper settings display area >**Paper settings>Advanced>Cutting mode>Eject cut**

- Driver Setting

Automatic Cutting>Yes

➡ See "[Cutting Roll Paper after Printing](#)" (Windows).

➡ See "Cutting Roll Paper after Printing" (macOS).

- **Manual (when using media that cannot be cut with the cutter blade)**

Select this if the paper cannot be cut on the cutter blade.

Cut each page from the roll using scissors. For continuous printing (if you will cut each page later), select **Automatic Cutting>Yes** or select **Print Cut Guideline**.

- Printer Setting

Tap paper settings display area >**Paper settings>Advanced>Cutting mode>User cut**

- Driver Setting

Automatic Cutting>No, Yes, Print Cut Guideline

➡ See "[Cutting Roll Paper after Printing](#)" (Windows).

➡ See "Cutting Roll Paper after Printing" (macOS).

- **Paper cutting (to have the roll cut at your specified position)**

Select this when you want to cut the roll paper by operating the cutter blade using the operation panel after printing with **No** or **Print Cut Guideline** selected in **Automatic Cutting** in the printer driver.

Otherwise choose this option if you want to cut the roll edge after loading a roll.

- Printer Setting

Tap paper settings display area >**Feed/Cut**>**Cut paper**>**Yes**

- Driver Setting

Automatic Cutting>**No, Yes, Print Cut Guideline**

➡ See "[Cutting Roll Paper after Printing](#)" (Windows).

➡ See "Cutting Roll Paper after Printing" (macOS).

▶▶▶ Note

- Automatic and Eject are valid only when you have selected **Automatic Cutting**>**Yes** in the printer driver.
- With Eject, printing does not resume after a series of jobs have been printed continuously until the roll is cut.
- **Eject cut** or **User cut** is the preset selection in **Cutting mode** for some types of paper. For this paper, we recommend keeping the preset cutting mode.
- If documents printed using Automatic, Eject, or manual cutting are short, rolls are advanced a specific amount before cutting to prevent problems with cutting and paper ejection. This may create a wider bottom margin, in some cases.

Cut rolls manually in the following cases:

Eject (when the paper surface is being scratched / to wait for ink to dry)

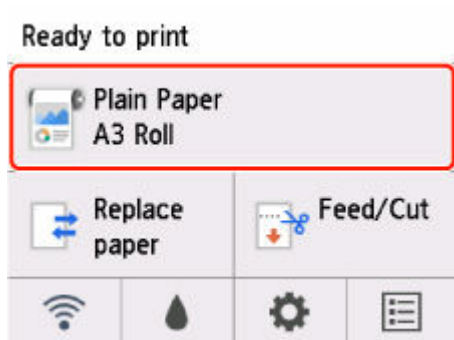
▶▶▶ Important

- When cutting wide printed documents after ejection, have two people support the documents. If the paper drops, printed documents may be damaged.
- Do not lift the paper when holding printed documents before cutting. If the paper rises, it may affect the printing quality or cause rough cut edges.

▶▶▶ Note

- Once the following step has been performed, the procedure can be started from step 7 the next time.
 - Printing the second and subsequent times
 - Printing after replacing with the same type of paper

1. Tap paper settings display area on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.

3. Tap **Advanced**.

4. Tap **Cutting mode**.

5. Tap **Eject cut**.

6. Print the job.

When printing is finished, the printer will stop without cutting.

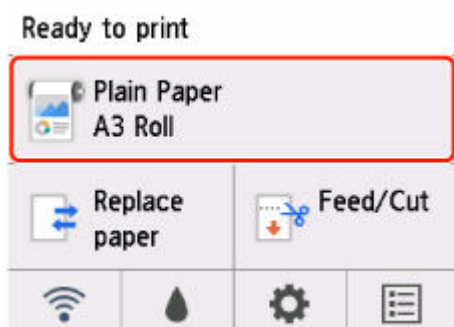
7. While holding the printed document from the bottom edge to prevent it from dropping, tap **Cut paper** to cut the roll paper.

Manual (when using media that cannot be cut with the cutter blade)

▶▶▶ Note

- Once the following step has been performed, the procedure can be started from step 8 the next time.
 - Printing the second and subsequent times
 - Printing after replacing with the same type of paper

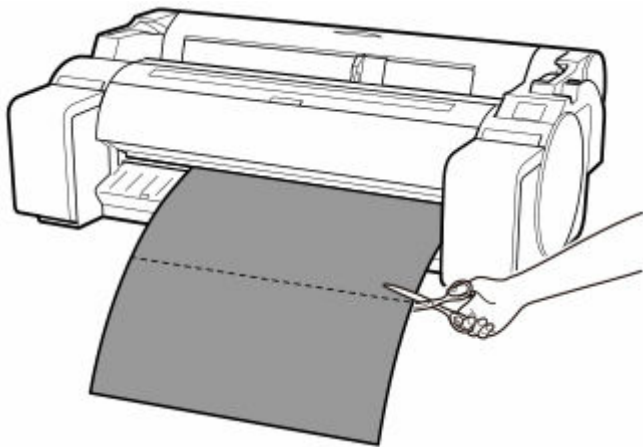
1. Tap paper settings display area on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Cutting mode**.
5. Tap **User cut**.
6. When **Do you want to set to detect the leading edge of the paper?** is displayed, select **Detect (recommended)**.
7. Print the job.
The printer stops advancing the paper after printing.
8. Tap **Advance paper**.
Roll paper is fed to the specified cut position and then automatically stopped.
9. Cut the roll paper manually with scissors or the like.

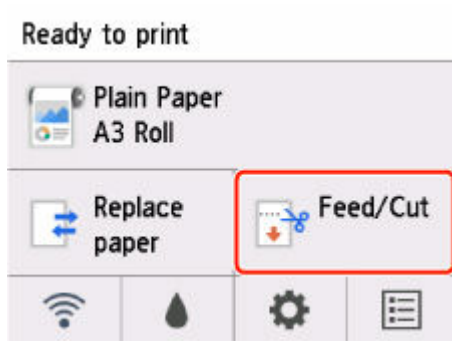


10. Tap **OK**.

After the roll is rewound, it stops automatically.

Paper cutting (to have the roll cut at your specified position)

1. Tap **Feed/Cut** on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap or touch **Advance** or **Rewind** to feed roll paper to desired cutting position.
3. Tap **Cut paper**.
4. Tap **Yes**.

After the roll paper is cut, it is rewound automatically.

Cutting the Leading Edge of Roll Paper Automatically

If the leading edge of the paper is cut crooked or is not cut straight when roll paper is loaded, it will not print correctly. If this happens, you can cut the leading edge of the paper straight when loading a paper roll by using **Trim edge first** in the operation panel menu.

The following settings are available for **Trim edge first**.

- **Auto**

If the leading edge of the paper is cut crooked and is not cut straight when loading roll paper, cut the leading edge straight and eject the fragment of paper to prevent printing on the platen and soiling the printer.



- **On(Preset Length)**

The amount to cut from the leading edge of the paper varies depending on the media type and is cut to a prescribed length. For the leading edge pre-cut length, see "Paper Information List".

- **On(Input Length)**

The amount to cut from the leading edge of paper is specified in the operation panel. The amount to cut from the leading edge can be specified in the range of lengths displayed in the operation panel. The range of lengths differs according to the media type.

▶▶▶ **Note**

- The amount to cut from the leading edge of paper cannot be set shorter than the length displayed in the operation panel.

- **Manual**

The amount to cut from the leading edge of paper can be adjusted by using the operation panel.

To cut the paper after adjusting, tap **Cut paper** and select **Yes**.

After cutting the paper, tap **Complete paper loading**.

▶▶▶ **Note**

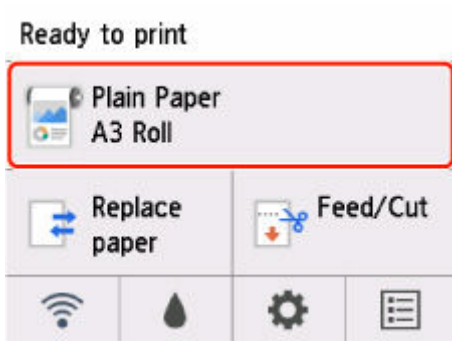
- If you do not tap **Complete paper loading** after cutting the paper, you cannot print the next job.

- **Off**

The edge is not cut and scraps are not removed.

Follow these steps to change the **Trim edge first** setting.

1. Tap paper settings display area on Home screen of operation panel.



▶▶▶ Note

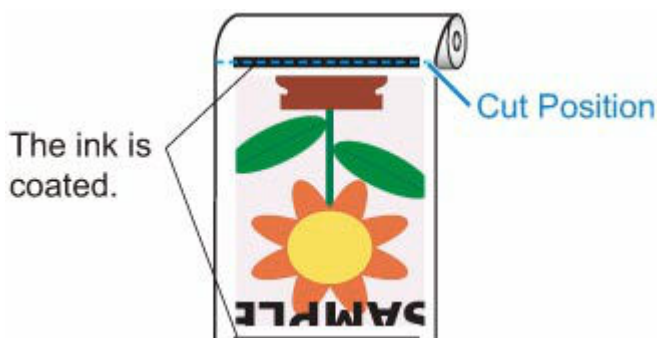
- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Trim edge first**.
5. Tap desired **Trim edge first** settings.

This setting takes effect the next time you load a roll.

Reducing Dust from Cutting Rolls

If the paper tends to generate dust when cut, such as with Backlit Film, you can reduce flying dust by setting **Cut-dust reduction** to **ON** from the operation panel menu, which will coat the leading and trailing edges of the printed document with ink. As a result, you can reduce problems with the print head. You can set **Cut-dust reduction** according to the media type.

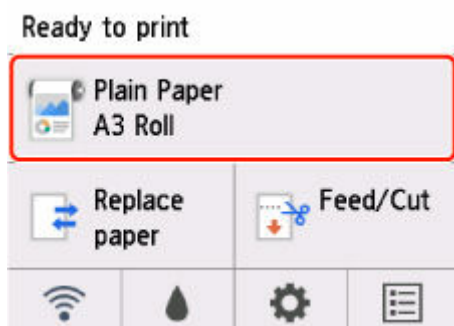


►► Important

- Do not set **Cut-dust reduction** to **ON** for paper that wrinkles easily, such as **Plain Paper** or lightweight paper. If not cut properly, the paper may jam.
- Borderless printing is not available when **Cut-dust reduction** is set to **ON**. When performing borderless printing, set **Cut-dust reduction** to **OFF**.

Follow these steps to set **Cut-dust reduction** to **ON**.

1. Tap paper settings display area on Home screen of operation panel.



►► Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Cut-dust reduction**.

5. Tap **ON**.

Detecting Roll Paper was Replaced While the Power was Off


When you turn the printer on, it can confirm whether the roll paper was replaced while the power was off.

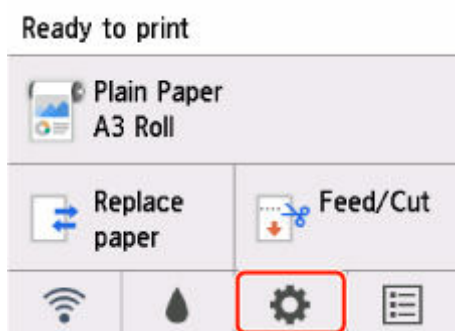
From **Printer settings** on the Home screen, set **Auto feed at power on** to **Enable** to detect the position of the roll paper's leading edge when the power is turned on. If the position of the roll paper's leading edge is over 1 mm since the last time the power was turned off, the printer determines that the roll paper has been replaced, and then starts feeding paper automatically to detect the paper width and the barcode for the management of unused roll paper.

▶▶▶ Note

- Setting **Auto feed at power on** to **Enable** causes the operations that can be done after turning on the power to take longer since the printer must detect the leading edge of the roll paper.
- **Auto feed at power on** is set to **Disable** when you buy the printer.

Follow these steps to set **Auto feed at power on** to **Enable** as follows.

1. Tap  (**Setup**) on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Printer settings**.
3. Tap **Paper-related settings**.
4. Tap **Auto feed at power on**.
5. Tap **Enable**.

Handling sheets

- **Loading Sheets in the Printer**
- **Changing the Type of Paper**
- **Printing From a Desired Starting Point**
- **Removing Sheets**
- **Remove a Jammed Sheet**
- **Specifying the Ink Drying Time**

Loading Sheets in the Printer

Follow these steps to load sheets in the printer.

▶▶▶ Important

- One sheet of paper can be loaded in the feed slot at a time. Do not load more than one sheet at a time. This may cause paper jams.
- Before feeding paper or printing, make sure the sheet is flat against the roll paper cover. The sheet may jam if it curls before feeding or printing and the trailing edge drops toward the front.
- Paper that is wrinkled or warped may jam. If necessary, straighten the paper and reload it.
- Load the paper straight. Loading paper askew will cause an error. (See "[1317](#).")

▶▶▶ Note

- Before loading cut sheets, check whether or not the inside of the top cover or the output guide is soiled. If these areas are dirty, we recommend cleaning them in advance. (See "[Cleaning Inside the Top Cover](#).").
- Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.

1. Select sheets as the paper source.

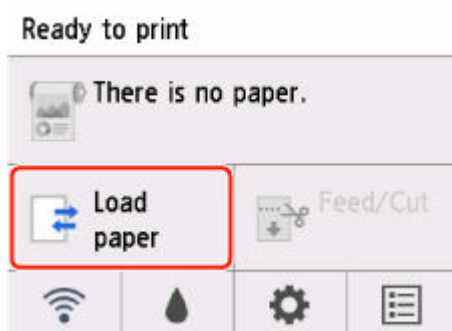
- **If a print job was received**

Sheets are automatically selected, and the media type and size specified by the print job are shown on the operation panel.

Tap **OK** and **Load paper**.

- **If no print job was received**

1. Tap **Load paper** or **Replace paper**.



2. Tap **Load cut sheet** or **Replace cut sheet**.

▶▶▶ Note

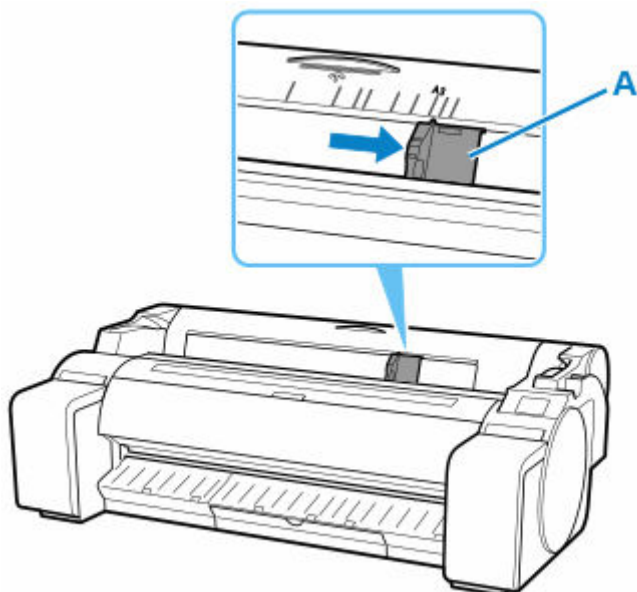
- If the Home screen does not appear, press the **HOME** button.

▶▶▶ Note

- If any paper has been advanced that will not be used, a message is shown requesting you to remove it.

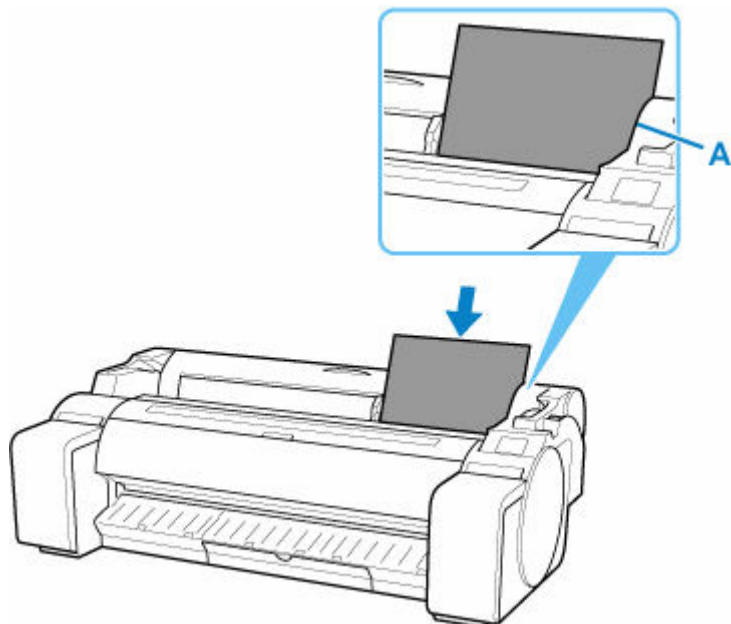
Follow the instructions on the screen to remove the paper, and redo the operation.

2. Slide the width guide (A) to align it with the mark for the size of paper you will load.



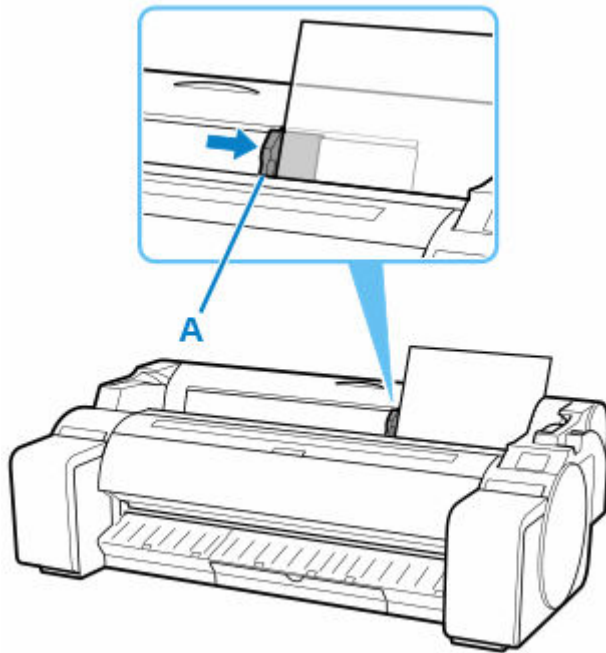
3. Load a single sheet printing-side up in the feed slot, with the right edge aligned with the paper alignment line (A) to the right of the roll paper cover.

Insert the paper until the leading edge makes contact.



4. Move the width guide (A) carefully to match the size of paper loaded.

Set the width guide against the edge of the paper to prevent the paper from becoming crooked or wrinkled.



5. Tap **Start feeding**.

- **If a print job was received**

Tap **Start feeding** to feed the paper and begin printing.

- **If no print job was received**

A menu for selecting the media type appears.

Select the media type loaded and tap **OK**.

The printer now starts feeding the paper.

»» **Note**

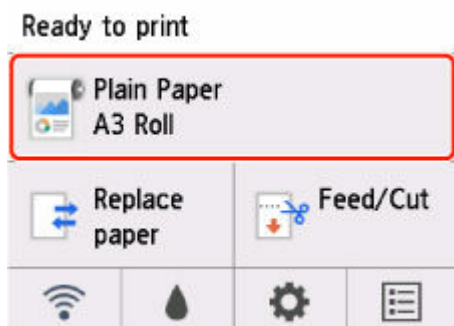
- For details on media types that you can select, see "Paper Information List."

Printing From a Desired Starting Point

Print on sheets from a desired starting point as follows.

Setting Detect paper width to Disable

1. Tap paper settings display area on Home screen of operation panel.



▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Select **Detect paper width** and tap **Disable**.

Load paper in the desired position to start printing from

Follow these instructions to load paper at the desired starting position for printing when **Detect paper width** is set to **Disable**.

1. If you did not send a print job in advance, a menu for selection of the type of paper is displayed.

Tap media type loaded.

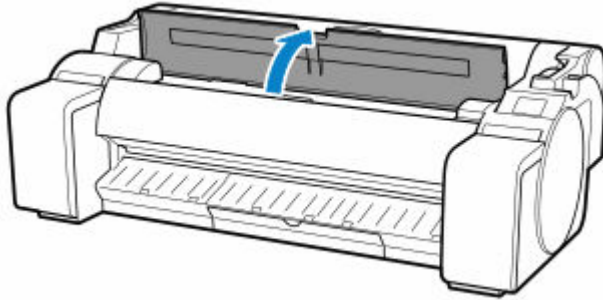
▶▶▶ Note

- If a print job was received before the paper was fed, the media type and size specified by the job are shown on the operation panel.

Go to step 2.

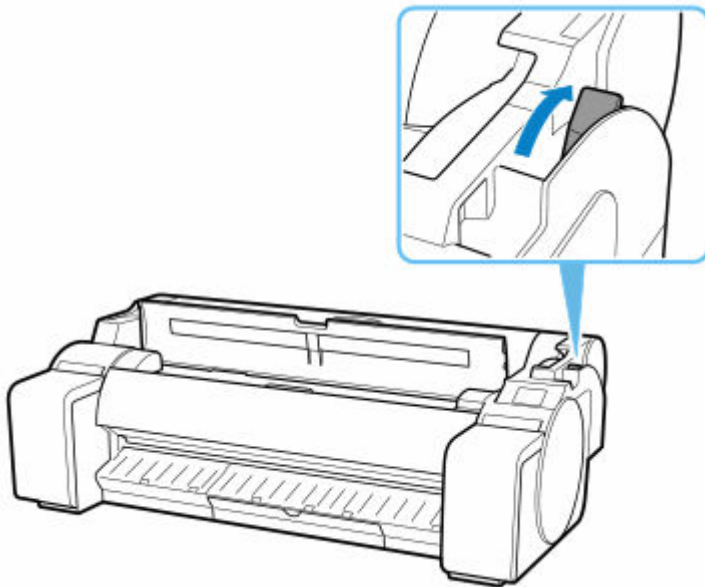
2. When "[**Detect paper width**] is disabled. Do you want to keep it disabled and continue?" appears on operation panel, tap **Keep it disabled and continue**.

3. Open top cover and check position where paper is loaded.

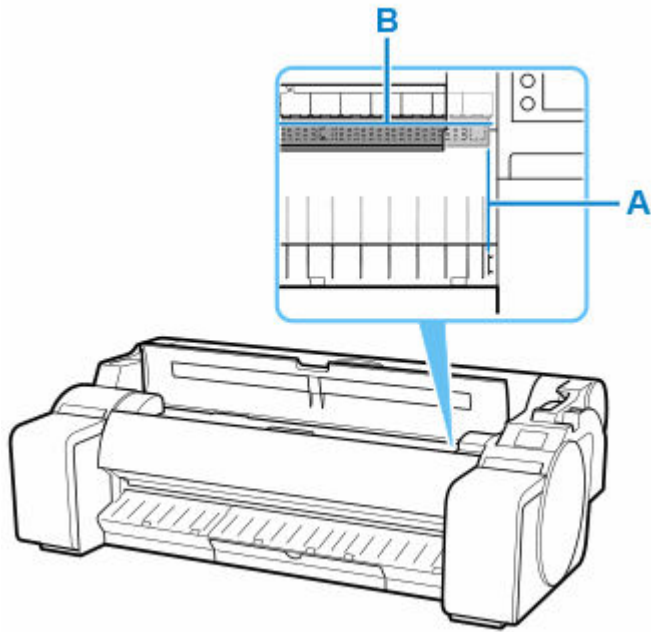


To start printing from the current position, close the top cover.

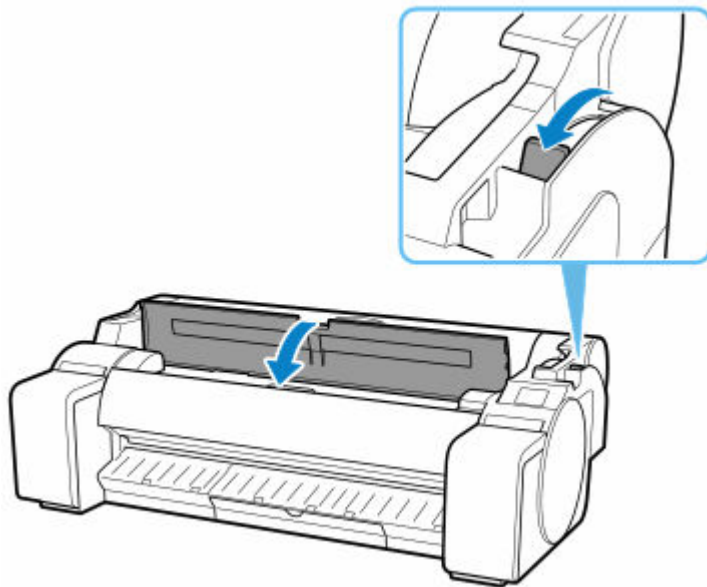
To reposition the paper, push the release lever back.



4. Load paper keeping right edge of paper aligned with extended line of paper alignment line (A) on right side of printer and position from which to start printing aligned with groove (B) at far end of platen.



5. Pull the release lever forward and close the top cover.

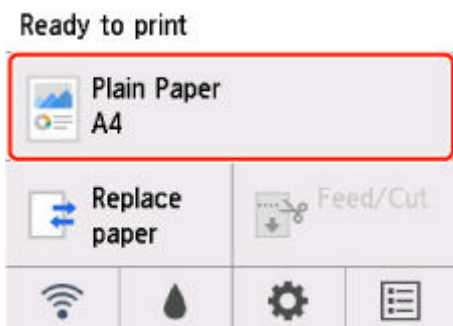


6. When screen for selecting paper size appears, select size of paper loaded.

Removing Sheets

Remove sheets from the printer as follows.

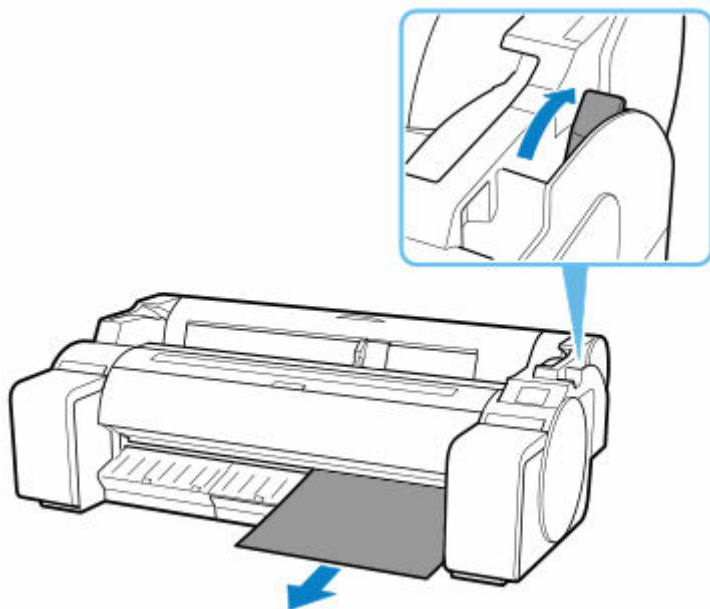
1. Tap paper settings display area on Home screen of operation panel.



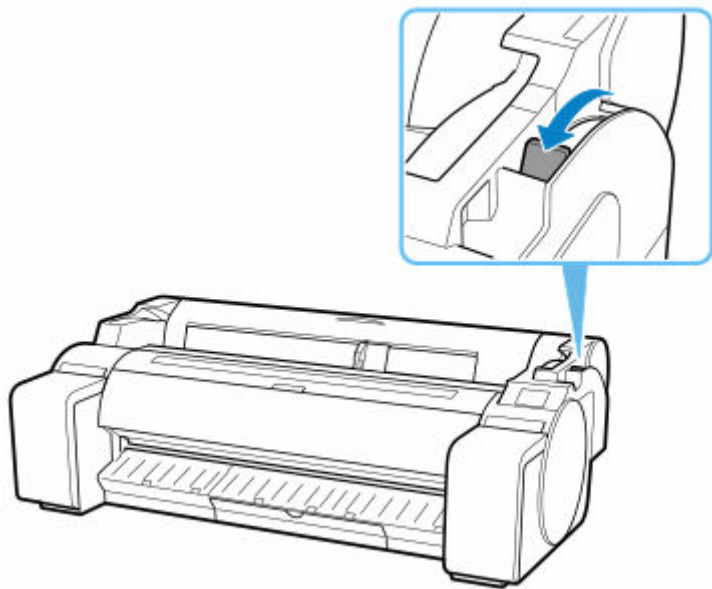
▶▶▶ Note

- If the Home screen does not appear, press the **HOME** button.

2. Tap **Remove paper**.
3. Check operation panel message and tap **Yes**.
The paper is ejected from the front of the printer.
4. Holding the paper, push the release lever back and remove the sheet.



5. Pull the release lever forward.



Basket

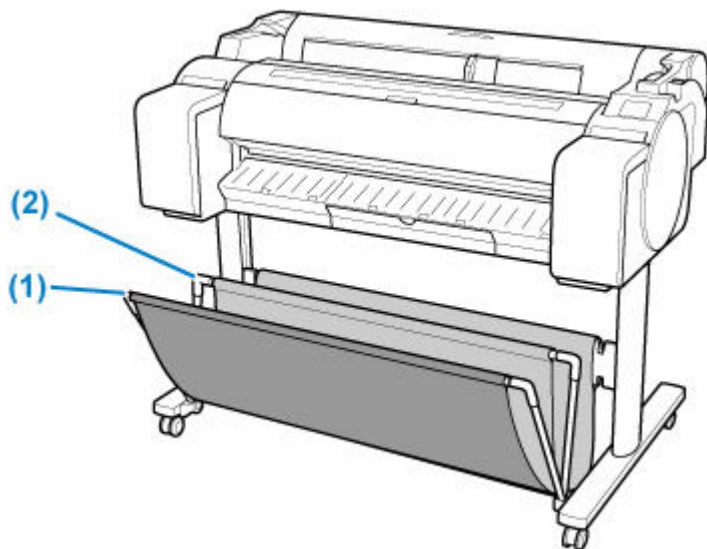
- ▶ **Using the Basket**

Using the Basket

You can store printed documents in the basket.

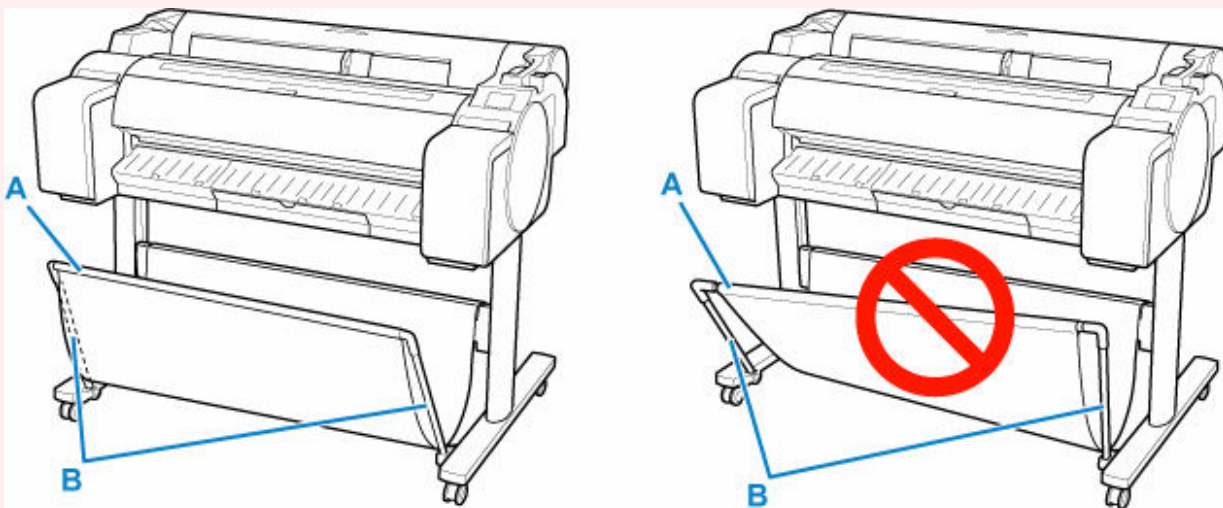
When storing printed documents in the basket, use the basket in position (1).

When you are not using the basket, store it in position (2).



►► Important

- When storing printed documents on the basket, always use it in position (1). If you do not, printed documents may not be dropped into the basket, and the printed surface may become soiled.
- To store printed documents in the basket, first pull down the side rod (B) evenly so that the front rod (A) is not askew, and then use the basket.



- The number of sheets that can be collected in the basket is one. If printing multiple pages, print after removing each sheet.
- The basket can hold printed documents from paper up to 48 inches (1219.2 mm) long.
- When moving the stand, make sure that the basket does not graze the floor and that all four of the casters are unlocked before moving the stand. Not doing so may damage the basket, scratch the floor, or cause injuries.

- If the cloth part of the basket becomes dirty, wipe off the dirt without washing. Washing it may affect the performance of the basket.

Changing Printer's Setting

▶ Changing Settings from Operation Panel

- Home Screen Menu Composition
- Menu Structure
- Setting Items on Operation Panel
- Setting Administrator Password on Operation Panel
- Erasing Data on Printer's Hard Disk
- Status Print

▶ Changing Printer's Setting Using Web Browser

- Start up Remote UI
- Changeable Setting Items Using Remote UI
- Setting Passwords Using Remote UI
- Registering Printer's Root Certificate to Web Browser for SSL Communication
- Registering Printer's Root Certificate to Local Computer for SSL Communication
- Generating Server Certificate
- Setting Mail Server
- Receiving Printer Status by E-mail

▶ Migrating Printer's Setting

▶ Initializing Printer's Setting

Changing Settings from Operation Panel

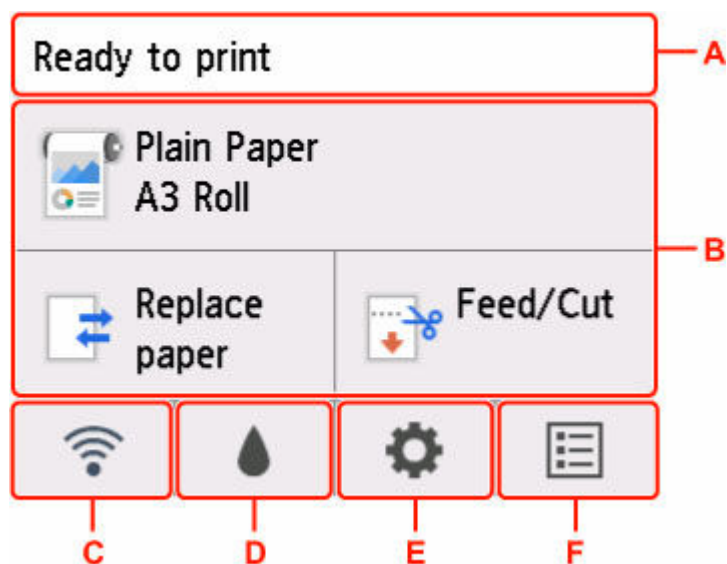
- **Home Screen Menu Composition**
- **Menu Structure**
- **Setting Items on Operation Panel**
- **Setting Administrator Password on Operation Panel**
- **Erasing Data on Printer's Hard Disk**
- **Status Print**

Home Screen Menu Composition

After the printer starts up, the HOME screen appears on the touch screen.

From the HOME screen, you can check the printer status and select the maintenance, paper operations, settings, and other menus.

➔ [Basic Touch Screen Operations](#)



A: Printer Information Display Area

Displays the printer status, messages, and other information. Tap this item when a message appears to view the message on the list screen and to jump to the screen with detailed information and operations.

➔ [Notification Messages](#)

B: Paper Setting Display Area

Displays the information on loaded paper on the upper area. Tapping this option displays the menu relating paper and allows the paper settings. **Replace paper** and **Feed/Cut** frequently used in the menu appears on the lower area, and you can directly select.

C: Network

Displays the current network status. Select to display the basic network information or to change the network settings.

The icon differs depending on the network of use or the network status.



Wi-Fi is enabled and the printer is connected to the wireless router.

▶▶▶ Note

- Depending on the signal state, the icon will change.



(Signal strength: 81 % or more): You can use the printer over a Wi-Fi without any problems.



(Signal strength: 51 % or more): The problem such as the printer cannot print may occur according to the network status. We recommends placing the printer near the wireless router.



(Signal strength: 50 % or less): The problem such as the printer cannot print may occur.
Place the printer near the wireless router.



Wi-Fi is enabled but the printer is not connected to the wireless router.



Wired LAN is enabled.



Wireless Direct is enabled.



Wi-Fi and Wired LAN are disabled.

D: Ink information

Selects when checking current estimated ink levels or replacing ink tanks.

E: Setup

Selects when changing the printer settings, performing maintenance, or checking printer information.

F: Job management

Select when setting up print job managements or printing data on a USB flash drive.

▶▶▶ Note

- By default, menu settings apply to all print jobs. However, for settings that are also available in the printer driver, the values specified in the printer driver take priority.

Basic Touch Screen Operations

You can select various functions and settings by gently touching and swiping the touch screen with your fingertip.

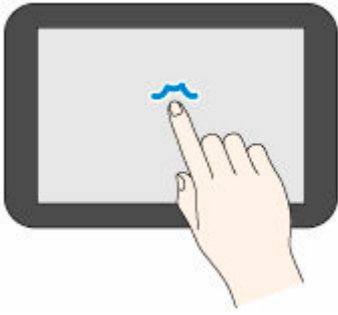
▶▶▶ Important

- Take the following precautions when operating the touch screen. Otherwise, the touch screen may malfunction or become damaged.
 - Do not forcibly press the touch screen with your finger.
 - Do not press the touch screen with an object other than your finger (such as a ballpoint pen, pencil, fingernail, or other object with a sharp tip).
 - Do not operate the touch screen with wet or dirty hands.
 - Do not place objects on top of the touch screen.
- Do not place a protective film over the touch screen. Removing it can damage the touch screen.

Tap

Gently touch with your fingertip and then release.

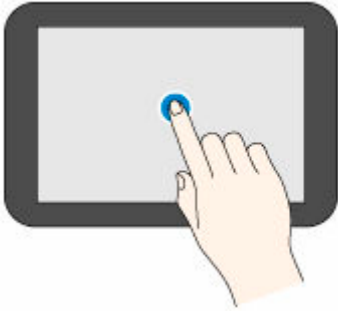
Use this when selecting an item on the screen.



Touch

Gently touch with your fingertip.

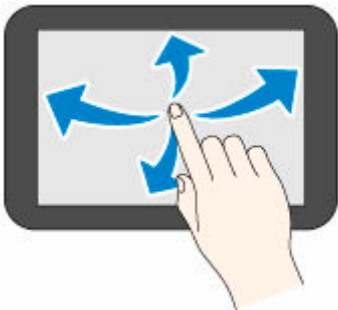
To go (or return) to a menu or list, touch the directional mark.



Flick

Drag and release your finger up, down, left, or right.

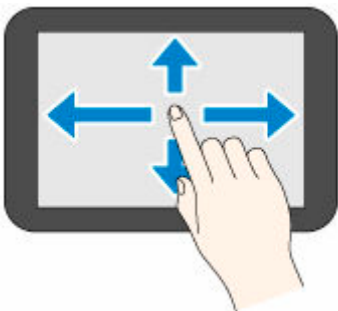
Use this to quickly scroll through a menu or list.



Drag

Move your finger up, down, left, or right while gently keeping it in contact with the touch screen.

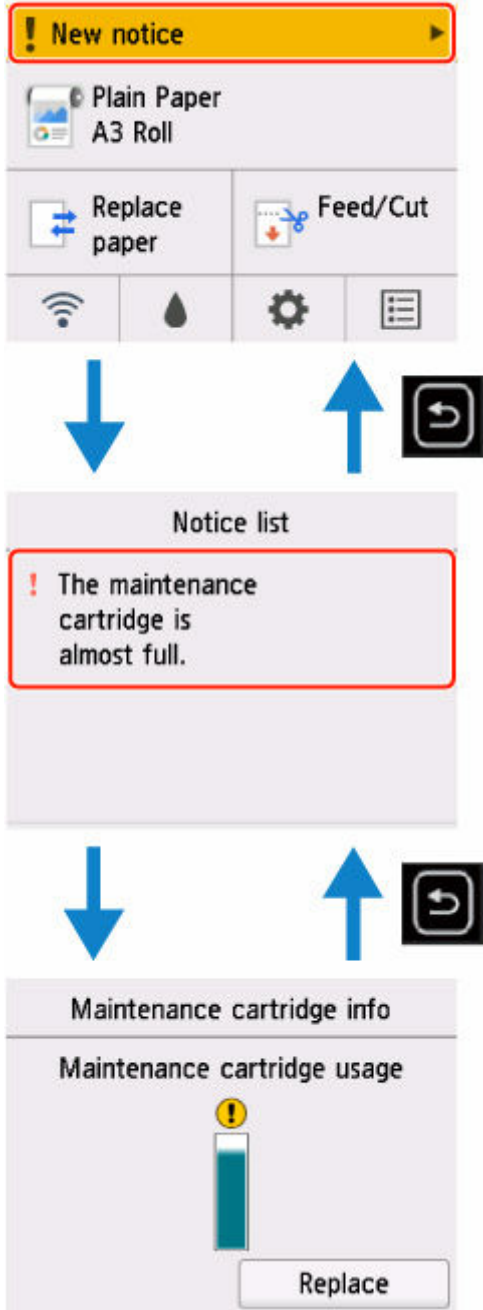
Use this to move a menu or list while viewing it.



Notification Messages

When the ink is low or there is another notification, **New notice** appears in the printer information display area. Tap this to display the **Notice list** screen to view messages with the newest one appearing first. Tap a message to display the message details screen to view the details and take action.

Example: Notices on the maintenance cartridge



Menu Structure

The * on the right side of an item indicates the default value.

Values may vary depending on your model and firmware version.

- **Paper menu (when roll paper is loaded)**

This menu is displayed by tapping paper information area.

Replace paper	
Feed/Cut	
Remove paper	
Paper settings	
	Width
	Type
	Advanced
Buy paper	

- **Paper menu (when cut sheet is loaded)**

This menu is displayed by tapping paper information area.

Replace paper	
Remove paper	
Paper settings	
	Page size
	Type
	Advanced
Buy paper	

- **Replace paper**

- **Feed/Cut**

This menu is displayed when roll paper is loaded.

- **LAN settings**

This menu is displayed by tapping **Network** icon.

Wi-Fi	
	Connection
	Network name (SSID)
	Communication mode
	Channel
	Wi-Fi security

IPv4 address
IPv4 subnet mask
IPv4 default gateway
IPv4 DNS dynamic settings
IPv4 DNS host name
IPv4 DNS domain name
IPv6 link-local address
IPv6 link-local prefix length
IPv6 manual address
IPv6 manual prefix length
IPv6 stateless address 1
IPv6 stateless prefix length 1
IPv6 stateless address 2
IPv6 stateless prefix length 2
IPv6 stateless address 3
IPv6 stateless prefix length 3
IPv6 stateless address 4
IPv6 stateless prefix length 4
DHCPv6
DHCPv6 stateful address
DHCPv6 stateful prefix length
IPv6 default gateway 1
IPv6 default gateway 2
IPv6 default gateway 3
IPv6 default gateway 4
IPv6 primary DNS server address
IPv6 secondary DNS server add.
IPv6 DNS dyn. update: manual
IPv6 DNS dyn. update: stateless
IPv6 DNS dyn. update: stateful
IPv6 Use IPv4 host/domain name
IPv6 DNS host name
IPv6 DNS domain name
MAC address
IPsec settings
Printer name

Bonjour service name	
Settings	
	Enable/disable Wi-Fi
	Enable / Disable
	Wi-Fi setup
	Easy wireless connect
	Manual connect
	WPS (Push button method)
	Other connection types
	Manual connect (adv.)
	WPS (PIN code method)
	Advanced

Wireless Direct	
	Connection
	Network name (SSID)
	Password
	Communication mode
	Channel
	Wi-Fi security
	IPv4 address
	IPv4 subnet mask
	IPv4 default gateway
	IPv4 DNS dynamic settings
	IPv4 DNS host name
	IPv4 DNS domain name
	IPv6 link-local address
	IPv6 link-local prefix length
	MAC address
	IPsec settings
	Printer name
	Bonjour service name
	Settings
Yes / No	
Update SSID/password	
Yes / No	

	Wireless Direct network (SSID)
	Connection request confirmation
	ON* / OFF
	Advanced

Wired LAN	
	Connection
	IPv4 address
	IPv4 subnet mask
	IPv4 default gateway
	IPv4 DNS dynamic settings
	IPv4 DNS host name
	IPv4 DNS domain name
	IPv6 link-local address
	IPv6 link-local prefix length
	IPv6 manual address
	IPv6 manual prefix length
	IPv6 stateless address 1
	IPv6 stateless prefix length 1
	IPv6 stateless address 2
	IPv6 stateless prefix length 2
	IPv6 stateless address 3
	IPv6 stateless prefix length 3
	IPv6 stateless address 4
	IPv6 stateless prefix length 4
	DHCPv6
	DHCPv6 stateful address
	DHCPv6 stateful prefix length
	IPv6 default gateway 1
	IPv6 default gateway 2
	IPv6 default gateway 3
	IPv6 default gateway 4
	IPv6 primary DNS server address
	IPv6 secondary DNS server add.
	IPv6 DNS dyn. update: manual
	IPv6 DNS dyn. update: stateless
	IPv6 DNS dyn. update: stateful

IPv6 Use IPv4 host/domain name	
IPv6 DNS host name	
IPv6 DNS domain name	
MAC address	
IPsec settings	
Printer name	
Bonjour service name	
Settings	
	Enable/disable Wired LAN
	Enable / Disable
	Advanced

Print details

- **Ink information**

This menu is displayed by tapping **Ink** icon.

Current estimated ink levels
Replace
Order ink now

- **Setup**

This menu is displayed by tapping **Setup** icon.

Printer settings	
Test print	
	Nozzle Check
	Status print
	Status print (administrator)
	Print LAN details
	Print the print settings
	Print advanced paper settings
	Print job history
	Print menu map
	Print the color chart
Print settings	
	Print head movable width setting
	Data width* / Maximum movable width / Paper width
	Prioritize paper size

	Enable / Disable*
Magnification level for borderless	
	Large / Medium* / Small / Minimum
PDF print settings	
Print quality settings	
	Color mode
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
	Print quality
	5 (Fast) / 4 / 3* / 2 / 1 (High)
	Input resolution
	600 dpi / 300 dpi*
	Print target
	Photo / Poster (fluorescent)*
Paper settings	
	Paper src
	Auto select* / Roll paper / Manual
	Margin
	3mm* / 5mm
	Border
	Borderless / Bordered*
	Oversize
	Enable / Disable*
	Save paper
	ON / OFF*
	Rotate
	0 degrees* / 90 degrees
	Auto rotation
	ON / OFF*
	Enlarge/Reduce
	Fit paper size* / Same size / Scaling
	Print centered
	ON / OFF*
	Cut to standard size
	ON / OFF*
Line & pen manager	

	Width correction
	Black/gray
	Color
Processing options	
	Warning display
	Enable / Disable*
JPEG print settings	
Print quality settings	
	Color mode
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
	Print quality
	5 (Fast) / 4 / 3* / 2 / 1 (High)
	Input resolution
	600 dpi / 300 dpi* / Specify print job
	Print target
	Photo / Poster (fluorescent)*
Paper settings	
	Paper src
	Auto select* / Roll paper / Manual
	Margin
	3mm* / 5mm
	Border
	Borderless / Bordered*
	Rotate
	0 degrees* / 90 degrees
	Auto rotation
	ON / OFF*
	Enlarge/Reduce
	Fit paper size* / Same size / Scaling
	Print centered
	ON / OFF*
	Cut to standard size
	ON / OFF*
Print from USB flash settings	
	Print quality settings

Color mode	
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
Print quality	
	5 (Fast) / 4 / 3* / 2 / 1 (High)
Print target	
	Photo / Poster (fluorescent)*
Paper settings	
Paper src	
	Auto select* / Roll paper / Manual
Margin	
	3mm* / 5mm
Border	
	Borderless / Bordered*
Rotate	
	0 degrees* / 90 degrees
Auto rotation	
	ON / OFF*
Enlarge/Reduce	
	Fit paper size* / Same size / Scaling
Print centered	
	ON / OFF*
Cut to standard size	
	ON / OFF*
AirPrint print settings	
Print quality settings	
Color mode	
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
Print resolution	
	Standard* / Speed priority / Print priority
Print target	
	Photo / Poster (fluorescent)*
Paper settings	
No Top/Btm Space (Save Paper)	
	ON / OFF*

		Unidirectional printing	
			Enable / Disable*
Direct print settings from FTP			
Print settings 1			
Print quality settings			
		Color mode	
		Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color	
Print quality			
		5 (Fast) / 4 / 3* / 2 / 1 (High)	
Input resolution			
		600 dpi / 300 dpi* / Specify print job	
Print target			
		Photo / Poster (fluorescent)*	
Paper settings			
		Paper src	
		Auto select* / Roll paper / Manual	
Margin			
		3mm* / 5mm	
Border			
		Borderless / Bordered*	
Oversize			
		Enable* / Disable	
Save paper			
		ON / OFF*	
Rotate			
		0 degrees* / 90 degrees	
Auto rotation			
		ON / OFF*	
Enlarge/Reduce			
		Fit paper size* / Same size / Scaling	
Print centered			
		ON / OFF*	
Cut to standard size			
		ON / OFF*	
Line & pen manager			

	Width correction
	Black/gray
	Color
Processing options	
	Warning display
	Enable / Disable*
Print settings 2	
Print quality settings	
	Color mode
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
	Print quality
	5 (Fast) / 4 / 3* / 2 / 1 (High)
	Input resolution
	600 dpi / 300 dpi* / Specify print job
	Print target
	Photo / Poster (fluorescent)*
Paper settings	
	Paper src
	Auto select* / Roll paper / Manual
	Margin
	3mm* / 5mm
	Border
	Borderless / Bordered*
	Oversize
	Enable* / Disable
	Save paper
	ON / OFF*
	Rotate
	0 degrees* / 90 degrees
	Auto rotation
	ON / OFF*
	Enlarge/Reduce
	Fit paper size* / Same size / Scaling
	Print centered
	ON / OFF*

Cut to standard size	
	ON / OFF*
Line & pen manager	
Width correction	
	Black/gray
	Color
Processing options	
Warning display	
	Enable / Disable*
Print settings 3	
Print quality settings	
Color mode	
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
Print quality	
	5 (Fast) / 4 / 3* / 2 / 1 (High)
Input resolution	
	600 dpi / 300 dpi* / Specify print job
Print target	
	Photo / Poster (fluorescent)*
Paper settings	
Paper src	
	Auto select* / Roll paper / Manual
Margin	
	3mm* / 5mm
Border	
	Borderless / Bordered*
Oversize	
	Enable* / Disable
Save paper	
	ON / OFF*
Rotate	
	0 degrees* / 90 degrees
Auto rotation	
	ON / OFF*
Enlarge/Reduce	

	Fit paper size* / Same size / Scaling
Print centered	
	ON / OFF*
Cut to standard size	
	ON / OFF*
Line & pen manager	
	Width correction
	Black/gray
	Color
Processing options	
	Warning display
	Enable / Disable*
Print settings 4	
Print quality settings	
	Color mode
	Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
	Print quality
	5 (Fast) / 4 / 3* / 2 / 1 (High)
	Input resolution
	600 dpi / 300 dpi / Specify print job*
	Print target
	Photo / Poster (fluorescent)*
Paper settings	
	Paper src
	Auto select* / Roll paper / Manual
	Margin
	3mm* / 5mm
	Border
	Borderless / Bordered*
	Oversize
	Enable* / Disable
	Save paper
	ON / OFF*
	Rotate
	0 degrees* / 90 degrees

			Auto rotation
			ON / OFF*
			Enlarge/Reduce
			Fit paper size* / Same size / Scaling
			Print centered
			ON / OFF*
			Cut to standard size
			ON / OFF*
			Line & pen manager
			Width correction
			Black/gray
			Color
			Processing options
			Warning display
			Enable / Disable*
			Default print settings
			Print quality settings
			Color mode
			Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / FL spot color
			Print quality
			5 (Fast) / 4 / 3* / 2 / 1 (High)
			Print target
			Photo / Poster (fluorescent)*
			Print the print settings
			LAN settings
			The lower items of this menu are the same as the lower items of LAN settings displayed by tapping Network icon.
			Web service setup
			Web service usage registration / Web service usage cancellation
			Issue registration code
			DNS server setup
			Auto setup* / Manual setup
			Proxy server setup
			Use / Do not use*
			Web service inquiry
			Print from Canon server

Paper-related settings	
	Keep media type
	Enable / Disable*
	Manage remaining roll amount
	Barcodes / Warning message only / Disable*
	Roll amount warning settings
	Roll amount 6 (earlier warning) / Roll amount 5 / Roll amount 4 / Roll amount 3 (standard)* / Roll amount 2 / Roll amount 1 (later warning)
	Detect paper setting mismatch
	Pause / Display warning* / Do not detect / Hold job
	Advanced paper settings
	Paper size recognition settings
	Roll paper setting 1
	Roll paper setting 2
	Roll paper setting 3
	Roll paper setting 4
	Roll paper setting 5
	Roll paper setting 6
	Roll paper setting 7
	Keep margin at cut sheet end
	Enable / Disable*
	Auto feed at power on
	Enable* / Disable
	Add priority roll paper width
	Setting 1
	Setting 2
	Setting 3
	Print advanced paper settings
	Reset paper settings for all paper
Auto maintenance settings	
	Auto nozzle check
	Standard* / 1 page / 10 pages / Disable
	Nozzle check error display
	Enable / Disable*
	System Cleaning frequency
	Standard* / Short

Print pattern after new head	
	ON* / OFF
Hard disk settings	
Output method	
	Print* / Print (auto delete) / Save to job box
Save first and print	
	ON / OFF*
Common job box settings	
	Print* / Print (auto delete)
File deletion settings	
	Fast* / Fast secure / Secure / Secure (VSITR)
Data deletion	
	Fast
	Fast secure
	Secure
	Secure (VSITR)
Monitoring service settings	
Enable/disable monitoring service	
	Enable / Disable*
Communication test	
Communication log	
Timing for ink level notification	
	Standard* / Earlier notification
Warning notification settings	
	Enable* / Disable
Other printer settings	
Energy saving settings	
Auto power off	
	5 minutes / 10 min. / 30 min. / 1 hour / 4 hours / 8 hours / 12 hours / OFF
Sleep timer	
	5 minutes* / 10 min. / 15 min. / 20 min. / 30 min. / 40 min. / 50 min. / 60 min.
Use USB connection	
	Use* / Do not use
Date/time settings	
Date display format	
	YYYY/MM/DD / MM/DD/YYYY / DD/MM/YYYY

Time zone (GMT)	
	0 / +1 / ... / +12 / -12 / ... / -1
Sound control	
Keypad sound	
	ON/ OFF*
Alarm sound	
	ON* / OFF
Length unit settings	
	Meters* / Feet/inches
EOP timer settings	
	1 minute / 2 minutes / 5 minutes / 10 minutes* / 30 minutes / 60 minutes
Job history sending settings	
	Send / Do not send*
Language selection	
Firmware update	
Install update	
Check current version	
Update notification settings	
	Yes* / No
DNS server setup	
	Auto setup* / Manual setup
Proxy server setup	
	Use / Do not use*
Security settings	
Administrator password settings	
	Remote UI and other tools / LCD, Remote UI, and other tools
Operation restrictions	
Job history	
	Restrict / Do not restrict*
Remote UI	
	Restrict / Do not restrict*
Print from USB flash drive	
	Restrict / Do not restrict*
IEEE802.1X settings	
Authentication	
	Do not use* / TLS / TTLS / PEAP

EAP-TTLS internal auth. method	
	MSCHAPv2* / PAP
Weak encryption restriction	
	Restrict* / Do not restrict
Weak certificate restriction	
	Restrict* / Do not restrict
Advanced setup	
	User-ID
	Username
	Password
	Authentication server name
	Verify auth. server name
	Verify auth. server certificates
Last authentication result	
Import/export settings	
	Import
	Export
Initialize printer settings	

Maintenance	
Troubleshooting	
Nozzle Check	
Print Head Cleaning	
	Cleaning
	All colors / Pattern 1 / Pattern 2
	Deep Cleaning
	All colors / Pattern 1 / Pattern 2
	System Cleaning
	All colors / Pattern 1 / Pattern 2
Print Head Alignment	
	Auto (standard)
	Auto (advanced)
	Manual
Print head angle adjustment	
Paper feed adjustment	
	Set priority
	Auto / Prioritize print quality / Prioritize length accuracy

Adjust print quality	
	Auto
	Manual
Adjust feed length	
	Print alignment pattern
	Change adjustment values
	-0.70% / -0.68% / ... / 0.68% / 0.70%
Maintenance cartridge info	
	Maintenance cartridge usage
	Replace
Head Replacement	
	Start head replacement.
Replace cutter blade unit	
Platen cleaning	
Prepare to move	
	Move on the same floor
	Transport outdoors

Printer information	
	System information
	Current version
	Printer name
	Serial number
	MAC address (Wi-Fi)
	MAC address (Wired LAN)
	Root cert. thumbprint (SHA-1)
	Root cert. thumbprint (SHA-256)
	Hard disk information
	Hard disk capacity
	Job box free space
	Error history
	Hardware error
	Recoverable error
	Paper feed/transfer error
	Usage
	Total print area
	Ink consumed

	Duty counter
Head information	
	Serial number
	Installation date
	Dot count (million dots)
Head alignment performance log	
Values applied with auto settings	
	Paper thickness (head height)
	Transport unit vacuum strength

Total print area

- **Job management**

This menu is displayed by tapping **Jobs** icon.

Print job	
	List of print jobs

Saved job		
	Job box list	
		Job list
		Print the job list

Print from USB flash drive		
	Folder/file list	
	Copies	
	Preview	
	Settings	
	The lower items of this menu are the same as the lower items of Print from USB flash settings .	
	Start print	

Job history	
	Display job history
	Print job history

Pause printing	
	Enable / Disable*

Delete all print jobs

Advanced (Paper settings)

Tap the paper information area and tap **Paper settings** to display this menu.

Advanced	
	Roll length (change default)
	Paper thickness (head height)
	Auto / -4 (Low) / -3 / -2 / 0 (Standard) / +1 / +2 / +3 (High)
	Skew detection accuracy
	Standard / Loose / OFF
	Cutting mode
	Automatic cut / Eject cut / User cut
	Cut speed
	Fast / Standard / Slow
	Trim edge first
	Auto / Off / On(Preset Length) / On(Input Length) / Manual
	Cut-dust reduction
	ON / OFF
	Transport unit vacuum strength
	Auto / Strong / Medium-strong / Standard / Medium-weak / Weak
	Roll paper tension (printing)
	High / Standard / Low
	Roll paper tension (feeding)
	High / Standard / Low
	Pause between scans
	Ink drying wait time
	OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds
	Ink drying target area
	Overall / Leading edge
	Pause between pages
	OFF / 30 seconds / 1 minute / 3 minutes / 5 minutes / 10 minutes / 30 minutes / 60 minutes
	Leading edge margin (roll)
	3mm / 20mm
	Leading edge margin (sheet)
	3mm / 20mm
	Extension for borderless printing
	Paper with recommended width

		Large / Standard / Small
	Paper of sufficient width	
		Select extension amount
		1 (min) / 2 / 3 / 4 / 5 / 6 / 7 / 8 (max)
Detect paper width		
	Enable / Disable	
Reset paper settings by paper		

Advanced (LAN settings)

This menu is displayed by tapping **Network** icon > **Wi-Fi / Wireless Direct / Wired LAN** > **Settings** > **Advanced**.

The * on the right side of an item indicates the default value.

Advanced	
Set printer name	
TCP/IP settings	
IPv4	
	IP address
	Auto setup* / Manual setup
DNS server	
	DNS server setup
	Auto setup* / Manual setup
Dynamic update settings	
	Enable / Disable*
Host name	
Domain name	
Proxy server	
	Use / Do not use*
DHCP option settings	
	Acquire host name
	Enable / Disable*
DNS dynamic update	
	Enable / Disable*
Acquire domain name	
	Enable / Disable*
IPv6	
	Enable/disable IPv6
	Enable* / Disable
IPsec settings	
	Enable / Disable*
Use DHCPv6	
	Use* / Do not use
Manual address	
	Use / Do not use*

DNS server	
	DNS server setup
	Auto setup* / Manual setup
	Dynamic update settings
	IPv6 DNS dyn. update: manual
	Enable / Disable*
	IPv6 DNS dyn. update: stateless
	Enable / Disable*
	IPv6 DNS dyn. update: stateful
	Enable / Disable*
	IPv6 Use IPv4 host/domain name
	Enable / Disable*
	IPv6 DNS host name
	IPv6 DNS domain name
	DHCP option settings
Acquire host name	
Enable / Disable*	
DNS dynamic update	
Enable / Disable*	
Acquire domain name	
Enable / Disable*	
WSD settings	
Enable/disable WSD	
Enable / Disable*	
Optimize inbound WSD	
Enable* / Disable	
Timeout settings	
20 minutes / 15 minutes* / 10 minutes / 5 minutes / 1 minute	
Bonjour settings	
Enable/disable Bonjour	
Enable* / Disable	
Service name	
SNTP settings	
Client operation status	
Enable / Disable*	
NTP server address	

	Polling interval
Spanning tree settings	
	Enable / Disable*
LPR protocol settings	
	Enable* / Disable
RAW protocol	
	ON* / OFF
LLMNR	
	ON* / OFF
Gigabit Ethernet settings	
	Autonegotiation* / 10 Mbps half duplex / 10 Mbps full duplex / 100 Mbps half duplex / 100 Mbps full duplex / 1 Gbps full duplex
Use Dedicated Port	
	ON* / OFF
IPP settings	
	Enable/disable IPP
	Enable* / Disable
	Security Print
	Enable* / Disable
Wi-Fi DRX settings	
	Enable* / Disable
Wired LAN DRX settings	
	Enable* / Disable
Reset SSL certificates	
Reset LAN settings	

Setting Items on Operation Panel

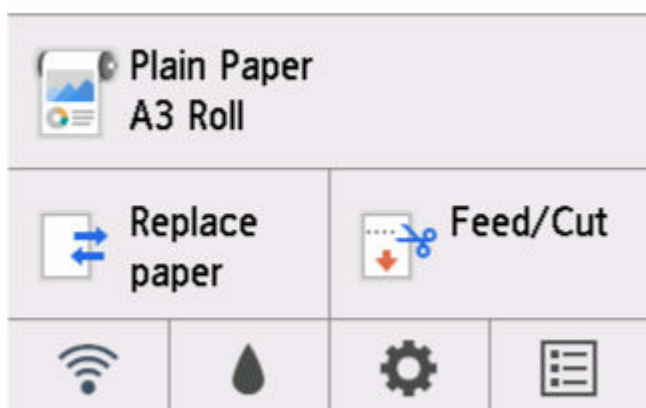
▶▶▶ Note

- The administrator password is required to change some setting items if it is enabled for changing settings using the operation panel.

For more on setting items which the administrator password is required:

➔ [Setting Administrator Password on Operation Panel](#)

Ready to print



[\(Network\)](#)



[\(Setup\)](#)

- Printer settings
 - [Test print](#)
 - [Print settings](#)
 - [LAN settings](#)
 - [Web service setup](#)
 - [Paper-related settings](#)
 - [Auto maintenance settings](#)
 - [Hard disk settings](#)
 - [Monitoring service settings](#)
 - [Other printer settings](#)
 - [Language selection](#)
 - [Firmware update](#)
 - [Security settings](#)

- **Import/export settings**
 - ➔ [Migrating Printer's Setting](#)
- **Initialize printer settings**
 - ➔ [Initializing Printer's Setting](#)
- [Maintenance](#)
- [Printer information](#)



[\(Jobs\)](#)

Maintenance



It will be displayed when you tap **(Setup)** on HOME screen.

- **Nozzle Check**

Prints out the nozzle check pattern.

➔ [Checking for Nozzle Clogging](#)

- **Print Head Cleaning**

Select this to clean the print head.

➔ [Cleaning the Print Head](#)

- **Print Head Alignment**

Adjusts the alignment of print head.

➔ [Automatic Adjustment to Straighten Lines and Colors](#)

➔ [Manual Adjustment to Straighten Lines and Colors](#)

- **Print head angle adjustment**

Adjusts the print head angle.

➔ [Adjusting Line Misalignment](#)

- **Paper feed adjustment**

Adjusts the paper feed amount.

➔ [Adjusting Feed Amount](#)

- **Maintenance cartridge info**

Displays the estimated usage of maintenance cartridge. Select **Replace** to replace the maintenance cartridge.

➔ [Replacing the Maintenance Cartridge](#)

- **Head Replacement**

Select this to replace the print head.

➔ [Replacing the Print Head](#)

- **Replace cutter blade unit**

Select this to replace the cutter blade.

➔ [Replacing the Cutter Blade](#)

- **Platen cleaning**

Select this to clean inside the top cover.

➔ [Cleaning Inside the Top Cover](#)

- **Prepare to move**

Select this to prepare for transporting the printer.

➡ [Preparing to Transfer the Printer](#)

Job management



It will be displayed when you tap **(Jobs)** on HOME screen.

- **Print job**

Displays the print job list. Tapping a job displays the details. You can also delete or preempt jobs on this menu.

- **Saved job**

Displays the saved print job list. You can print / delete saved jobs and print job list on each job box.

»» Note

- Enter the password if it is enabled for a personal job box using Remote UI.

- **Print from USB flash drive**

Displays a list of the data saved on the USB flash drive. You can set the print settings and print the data from this menu.

- **Job history**

»» Important

- The administrator password is required to display the job history if it is enabled for changing settings using the operation panel.

- **Display job history**

Displays the print job history. Tapping a print job displays the details.

- **Print job history**

Prints out the print job history.

- **Pause printing**

Selecting **Enable** while a print job is in progress pauses the print job after the current job is completed.

- **Delete all print jobs**

Deletes all jobs in the job queue.

LAN settings



This setting item is displayed by tapping **Printer settings** after tapping **(Setup)** on the HOME screen.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Note



- You can also enter **LAN settings** by tapping **(Network)** on the HOME screen.

Wi-Fi

The following setting information on the Wi-Fi connection is displayed. (Some items are not displayed depending on printer settings.)

Items	Setting
Connection	Enabled (connected) / Enabled (disconnected) / Disable
Network name (SSID)	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX (up to 32 characters)
Communication mode	Infrastructure
Channel	1 - 13
Wi-Fi security	Disable / WEP (64 bit) / WEP (128 bit) / WPA-PSK (TKIP) / WPA-PSK (AES) / WPA2-PSK (TKIP) / WPA2-PSK (AES)
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv4 DNS dynamic settings	Enable / Disable
IPv4 DNS host name	XXXXXXXXXXXX
IPv4 DNS domain name	XXXXXXXXXXXX
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 link-local prefix length	XXX (up to 3 digits)
IPv6 manual address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 manual prefix length	XXX (up to 3 digits)
IPv6 stateless address 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)

IPv6 stateless prefix length 1	XXX (up to 3 digits)
IPv6 stateless address 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 2	XXX (up to 3 digits)
IPv6 stateless address 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 3	XXX (up to 3 digits)
IPv6 stateless address 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 4	XXX (up to 3 digits)
DHCPv6	Enable / Disable
DHCPv6 stateful address	XXXXXXXXXXXXXX
DHCPv6 stateful prefix length	XXX (up to 3 digits)
IPv6 default gateway 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 primary DNS server address	XXXXXXXXXXXXXX
IPv6 secondary DNS server add.	XXXXXXXXXXXXXX
IPv6 DNS dyn. update: manual	Enable / Disable
IPv6 DNS dyn. update: stateless	Enable / Disable
IPv6 DNS dyn. update: stateful	Enable / Disable
IPv6 Use IPv4 host/domain name	Enable / Disable
IPv6 DNS host name	XXXXXXXXXXXXXX
IPv6 DNS domain name	XXXXXXXXXXXXXX
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	Enable (ESP) / Enable (ESP & AH) / Enable (AH) / Disable
Printer name	XXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

To change the setting, tap **Settings**.

- **Enable/disable Wi-Fi**

Select **Enable** to wirelessly connect via wireless router.

- **Wi-Fi setup**

Select how to setup Wi-Fi.

- **Easy wireless connect**

Select if you specify the settings of the access point information to the printer directly from a device (e.g. smartphone, or tablet) without operating the wireless router. Follow the on-screen instructions of the connecting device for the setup procedure.

- **Manual connect**

Select when you perform settings for Wi-Fi manually using the operation panel of the printer.

- **WPS (Push button method)**

Select when you perform settings for Wi-Fi using a wireless router supporting a Wi-Fi Protected Setup (WPS) push button method. Follow the on-screen instructions during setup.

- **Other connection types**

- **Manual connect (adv.)**

Select when you perform settings for Wi-Fi manually. You can specify multiple WEP keys.

- **WPS (PIN code method)**

Select when you perform settings for Wi-Fi using a wireless router supporting a Wi-Fi Protected Setup (WPS) PIN code method. Follow the on-screen instructions during setup.

▶▶▶ Note

- By tapping **Advanced**, you can set LAN in detail.

For the items that can be set, see the following.

➡ [Advanced](#)

- **Wireless Direct**

The following setting information on the Wireless Direct connection is displayed. (Some items are not displayed depending on printer settings.)

Items	Setting
Connection	Enable / Disable
Network name (SSID)	DIRECT-XXXX-GP-NNNN*1
Password	XXXXXXXXXX (10 characters)
Communication mode	Wireless Direct
Channel	3
Wi-Fi security	WPA2-PSK (AES)
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)
IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)

IPv4 DNS dynamic settings	Enable / Disable
IPv4 DNS host name	XXXXXXXXXXXXXX
IPv4 DNS domain name	XXXXXXXXXXXXXX
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 link-local prefix length	XXX (up to 3 digits)
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	Disable
Printer name	XXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX (up to 52 characters)

*1 means printer's model name

("XX" represents alphanumeric characters.)

To change the setting, tap **Settings**.

- **Enable/disable Wireless Direct**

Select **Enable** to wirelessly connect without wireless router.

- **Update SSID/password**

Updates the identifier (SSID) and password.

- **Wireless Direct network (SSID)**

Changes the name (device name) of the printer displayed on Wi-Fi Direct compatible device.

- **Connection request confirmation**

Changes the display / non-display of the confirmation screen when Wi-Fi Direct compatible devices are connected to the printer.

▶▶▶ Note

- By tapping **Advanced**, you can set LAN in detail.

For the items that can be set, see the following.

➡ [Advanced](#)

- **Wired LAN**

The following setting information on the Wired LAN connection is displayed. (Some items are not displayed depending on printer settings.)

Items	Setting
Connection	Enabled (connected) / Enabled (disconnected) / Disable
IPv4 address	XXX. XXX. XXX. XXX (12 characters)
IPv4 subnet mask	XXX. XXX. XXX. XXX (12 characters)

IPv4 default gateway	XXX. XXX. XXX. XXX (12 characters)
IPv4 DNS dynamic settings	Enable / Disable
IPv4 DNS host name	XXXXXXXXXXXXXX
IPv4 DNS domain name	XXXXXXXXXXXXXX
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 link-local prefix length	XXX (up to 3 digits)
IPv6 manual address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 manual prefix length	XXX (up to 3 digits)
IPv6 stateless address 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 1	XXX (up to 3 digits)
IPv6 stateless address 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 2	XXX (up to 3 digits)
IPv6 stateless address 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 3	XXX (up to 3 digits)
IPv6 stateless address 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 stateless prefix length 4	XXX (up to 3 digits)
DHCPv6	Enable / Disable
DHCPv6 stateful address	XXXXXXXXXXXXXX
DHCPv6 stateful prefix length	XXX (up to 3 digits)
IPv6 default gateway 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 default gateway 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
IPv6 primary DNS server address	XXXXXXXXXXXXXX
IPv6 secondary DNS server add.	XXXXXXXXXXXXXX
IPv6 DNS dyn. update: manual	Enable / Disable
IPv6 DNS dyn. update: stateless	Enable / Disable
IPv6 DNS dyn. update: stateful	Enable / Disable
IPv6 Use IPv4 host/domain name	Enable / Disable

IPv6 DNS host name	XXXXXXXXXXXX
IPv6 DNS domain name	XXXXXXXXXXXX
MAC address	XX:XX:XX:XX:XX:XX (12 characters)
IPsec settings	Enable (ESP) / Enable (ESP & AH) / Enable (AH) / Disable
Printer name	XXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

To change the setting, tap **Settings**.

- **Enable/disable Wired LAN**

Select **Enable** when connecting to wired LAN.

▶▶▶ Note

- By tapping **Advanced**, you can set LAN in detail.

For the items that can be set, see the following.

➡ [Advanced](#)

- **Print details**

Prints out the LAN setting information of the printer with Wi-Fi connection, wired LAN connection, wireless direct connection.

For the items that can be checked, see the following.

➡ [Printing Network Settings](#)

▶▶▶ Important

- Important information on your computer is stated on the paper on which the LAN setting information is printed. Please handle with care enough.

▶▶▶ Note

- You can also print out the LAN setting information by tapping in the following order.



(Setup) > **Printer settings** > **Test print** > **Print LAN details**

- **Advanced**

By tapping **Advanced** on each setting screen of Wi-Fi connection, wired LAN connection, wireless direct connection, LAN information can be set in detail.

▶▶▶ Important

- If the LAN is disabled, the following items can not be selected.

- **Set printer name**

Specifies the printer name. You can use up to 15 characters for the name.

»»» Note

- You cannot use the same printer name as that already used for other LAN connected devices.
- You cannot use a hyphen for the initial or last character of the printer name.

- **TCP/IP settings**

Performs IPv4 or IPv6 setting.

- **WSD settings**

Setting items when you use WSD (one of the network protocols supported in Windows 10, Windows 8.1, and Windows 7).

- **Enable/disable WSD**

Selects whether WSD is enabled or disabled.

»»» Note

- When this setting is enabled, the printer icon is displayed on the Network Explorer in Windows 10, Windows 8.1, and Windows 7.

- **Optimize inbound WSD**

Selecting **Enable** allows you to receive the WSD printing data faster.

- **Timeout settings**

Specifies the timeout length.

- **Bonjour settings**

Setting items for LAN using Bonjour.

- **Enable/disable Bonjour**

Selecting **Enable** allows you to use Bonjour to perform the network settings.

- **Service name**

Specifies the Bonjour service name. You can use up to 48 characters for the name.

»»» Note

- You cannot use the same service name as that already used for other LAN connected devices.

- **SNTP settings**

Performs various settings for SNTP (Simple Network Time Protocol).

- **Spanning tree settings**

Enables/Disables spanning tree. Selecting **Enable** avoids circulating data on a network.

- **LPR protocol settings**

Enables/Disables the LPR setting.

- **RAW protocol**

Enables/Disables RAW printing.

- **LLMNR**

Specifies ON/OFF of LLMNR (Link-Local Multicast Name Resolution). Selecting **ON** allows the printer to detect printer's IP address from the printer name without a DNS server.

- **Gigabit Ethernet settings**

Specifies the communication speed and communication method when using Gigabit Ethernet.

- **Use Dedicated Port**

Selects whether to use a dedicated port for a command sent from a Canon application to the printer. Selecting **ON** allows you to use the dedicated port.

- **IPP settings**

Selecting **Enable** allows you to print via the network with the IPP protocol.

If you use the security print function when printing using IPP protocol in AirPrint etc., select **Enable** for **Security Print**.

- **Wi-Fi DRX settings**

Selecting **Enable** allows you to activate discontinuous reception when using Wi-Fi.

- **Wired LAN DRX settings**

Selecting **Enable** allows you to activate discontinuous reception when the printer is connected to a device compatible with wired LAN.

- **Reset SSL certificates**

Initializes SSL certificate information.

- **Reset LAN settings**

Initializes the network settings on the printer.

After resetting, perform setup again as necessary.

Test print



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

- **Nozzle Check**

Prints out the nozzle check pattern.

➔ [Checking for Nozzle Clogging](#)

- **Status print**

Prints out the printer status and setting value information.

▶▶▶ **Note**

- **Status print (administrator)** is also displayed if the administrator password is enabled for changing settings using the operation panel.

➔ [Status Print](#)

- **Print LAN details**

Prints out the network setting information.

➔ [Printing Network Settings](#)

- **Print the print settings**

Prints out the print settings list.

- **Print advanced paper settings**

Prints out the setting values specified by **Advanced paper settings**.

- **Print job history**

Prints out a record of print jobs, including the paper type and size, amount of ink consumed, and so on. Ink consumption indicates a rough estimate of the amount of ink consumed per print job.

➔ [Job management](#)

- **Print menu map**

Prints out the menu list.

- **Print the color chart**

Prints out the color chart.

Print settings



This setting item is displayed by tapping **Printer settings** after tapping **(Setup)** on the HOME screen.

- **Print head movable width setting**

Adjusts the print head movable width.

- **Prioritize paper size**

This is a setting item for roll paper.

Select **Enable** to use the paper size setting as the basis for printing instead of other settings. The text or images in the margin are not printed.

Select **Disable** to give priority to printing text or images.

»» Note

- The printed paper length is longer than the actual paper length. This is because the printed paper includes the upper/lower margins specified by **Roll Paper Safety Margin** and **Near End Margin** in the printer driver and excludes the paper margins.

- **Magnification level for borderless**

Sets magnification level when performing borderless printing in the following print method.

Normally, the image is enlarged slightly and printed so that there is no border. If the border remains, change this setting.

- Printing JPEG file
- Printing using AirPrint
- Printing PDF file
- Printing data saved on the USB flash drive directly
- Printing directly from FTP

- **PDF print settings**

Performs PDF print settings.

- **JPEG print settings**

Performs JPEG print settings.

- **Print from USB flash settings**

Performs settings for printing data saved on the USB flash drive.

- **AirPrint print settings**

Performs **AirPrint print settings** when printing with AirPrint.

- **Direct print settings from FTP**

Performs print settings when printing directly from FTP. You can perform four settings individually.

- **Default print settings**

Prints out the default values of print settings.

- **Print the print settings**

Prints out the print settings list.

Web service setup



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

»» Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- **Web service usage registration/Web service usage cancellation**
Registers/Deletes Web service usage to use the printer device information to/from PIXMA/MAXIFY Cloud Link.
- **Issue registration code**
In order to link the web service and printer, obtain the registration code from the service origin.
- **DNS server setup**
Performs settings for a DNS server. Select **Auto setup** or **Manual setup**. If you select **Manual setup**, follow the display on the touch screen to perform settings.
- **Proxy server setup**
Performs settings for a proxy server. Follow the display on the touch screen to perform settings.

Paper-related settings



This setting item is displayed by tapping **Printer settings** after tapping **(Setup)** on the HOME screen.

- **Keep media type**

Select **Enable** to keep using the same type of paper.

- **Manage remaining roll amount**

Selects the method to manage remaining roll amount and that to display warning when the roll is running short.

- **Barcodes**

Manages remaining roll amount by using a barcode.

By using the barcode every time you replace a roll, you can manage remaining roll amount properly. Specify the roll length properly when you load a new roll.

- **Warning message only**

Estimates remaining roll amount by using media type and roll diameter information. A warning appears when remaining roll amount comes closer to the specified value.

Depending on the environment you are using the printer, selecting this setting may not manage remaining roll amount as precisely as you expected. We recommend you select a higher value for this setting item.

- **Disable**

Select to disable managing remaining roll amount.

- **Roll amount warning settings**

Specifies when to warn the remaining roll paper amount.

- **Detect paper setting mismatch**

Selects printer action when you start printing with the paper size, the media type, and print settings different from those registered.

- **Advanced paper settings**

Specifies advanced paper settings for each paper type.

- **Paper size recognition settings**

Selects which size is preferred when paper size detection is enabled.

- **Roll paper setting 1**

Select whether B4 or 10 inch is applied when a roll of an intermediate size is detected.

- **Roll paper setting 2**

Select whether A3 or 300 mm is applied when a roll of an intermediate size is detected.

- **Roll paper setting 3**

Select whether 300 mm or 12 inch is applied when a roll of an intermediate size is detected.

- **Roll paper setting 4**

Select whether 500 mm or 20 inch is applied when a roll of an intermediate size is detected.

- **Roll paper setting 5**

Select whether B2 or 20 inch is applied when a roll of an intermediate size is detected.

- **Roll paper setting 6**

Select whether A1 or 600 mm is applied when a roll of an intermediate size is detected.

- **Roll paper setting 7**

Select whether 600 mm or 24 inch is applied when a sheet of an intermediate size is detected.

- **Keep margin at cut sheet end**

When printing on the sheet using AirPrint, selecting **Enable** sets the trailing edge of the paper to 20 mm. Select **Enable** if printing on the trailing edge of the paper is disturbed.

- **Auto feed at power on**

When **Enable** is selected, the printer judges the existence of paper exchange when starting up, and if paper has been exchanged, paper feeding operation is performed.

It may take time to judge paper exchange.

When **Disable** is selected, the printer does not judge whether or not to change the paper when starting up, and waits with the current paper feed setting.

- **Add priority roll paper width**

When paper size is detected, set the width of the roll paper to be recognized first. Judge in order from 1 in the list.

- **Print advanced paper settings**

Tapping **Yes** prints out each setting specified in **Advanced paper settings**.

- **Reset paper settings for all paper**

Tapping **Yes** initializes each setting specified in **Advanced paper settings**.

Entering the administrator password is required if it is enabled.

▶▶▶ Important

- When you set the paper settings back to the factory default, added or updated paper information using Media Configuration Tool is erased.

Auto maintenance settings



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

▶▶ Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Auto nozzle check**

Enables/Disables automatic nozzle checking. You can also select the page interval to perform automatic nozzle checking.

- **Nozzle check error display**

Enables/Disables displaying the nozzle check error.

- **System Cleaning frequency**

Specifies the frequency of automatic system cleaning.

▶▶ Note

- To maintain print quality, we recommend you select **Short** if you use the printer at a higher place.

- **Print pattern after new head**

Selects whether you print an adjustment pattern after replacing the Print head.

Hard disk settings



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

»» Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

• **Output method**

Selects the printing method for jobs received from software other than the printer driver. When using the printer driver, configure settings on the printer driver.

- **Print**
Performs printing as usual.
- **Print (auto delete)**
Deletes the data from the printer's hard disk after printing is completed.
- **Save to job box**
Only saves the print job in job box without printing it.

• **Save first and print**

A setting for jobs received from software other than the printer driver. When using the printer driver, configure settings on the printer driver. Select **ON** to print the job after it has been saved.

• **Common job box settings**

Select **Print (auto delete)** to print without saving jobs in common job box.

• **File deletion settings**

Selects the data erasing method when deleting a **Print job** or **Saved job**, or when **Print (auto delete)** is selected in **Output method** or **Common job box settings**.

- **Fast**
Erases file management data for print job data stored on the printer's hard disk. Choose this method for relatively fast erasure. Because only the file management data is erased, the print job data itself is not erased.
- **Fast secure**
Erases the data encryption key specified for the hard disk drive. Specifying the encryption key again does not allow you to read and use data saved in the past safely and fast. Select to erase highly confidential data.
- **Secure**
Overwrites the entire hard disk with 00, FF, and random data (one time each) after the data encryption key specified for the hard disk drive is erased. Verification is performed to check if the data was correctly written. Choose this method to erase especially confidential data. It is virtually

impossible to recover the overwritten data. Conforms to the DoD5220.22-M standard of the U.S. Department of Defense.

- **Secure (VSITR)**

Overwrites the entire hard disk with 00 next overwrites with FF after the data encryption key specified for the hard disk drive is erased. After repeating this process three times, the entire hard disk is overwritten with AA. It is virtually impossible to recover the overwritten data. Conforms to the guidelines of German Federal Government (VS-ITR).

- **Data deletion**

Selects the method to delete data on printer's hard disk.

➡ [Erasing Data on Printer's Hard Disk](#)

Monitoring service settings



This setting item is displayed by tapping **Printer settings** after tapping **(Setup)** on the HOME screen.

»» Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

- **Enable/disable monitoring service**

Selecting **Enable** allows the printer to send error details to the service center.

When selecting **Enable**, perform a communication test.

- **Communication test**

Performs a communication test with the service center.

- **Communication log**

Displays the list of error numbers (up to 30), error code, and time the error occurs. Tapping an item displays the error details.

Main errors and countermeasures

Error code	Error detail	Countermeasure
0xxx0003	Communication test is not performed.	Perform the communication test.
8xxx0003	E-RDS switch is setting OFF.	Enable monitoring service.
8xxx2003	Network is not ready, try later.	Check the network settings.
8xxx200A	Server connection error	Check the network settings.
8xxx2014	Proxy connection error	Check the proxy server address etc.
8xxx201E	Proxy authentication error	Check the user name and password to log in to the proxy server.
8xxx2046	Server certificate expired	The server certificate has expired. Set the correct date and time on the printer.
8xxx2047	Server response time out	Check the network settings. Check the proxy server address. Make sure that the correct date and time is set on the printer.
8xxx2058	Unknown error	Wait a while, and then try the communication test again.

- **Timing for ink level notification**

Sets the timing to notify the service center of remaining ink amount.

- **Warning notification settings**

Displays a message on the touch screen selecting **Enable** when communication with the service center fails.

Other printer settings



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

»» Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

• Energy saving settings

To save electricity, enable this setting to turn off the printer automatically or to enter sleep mode when specified length of time has elapsed.

◦ Auto power off

Sets the time until the printer turns off automatically. If no operations are performed on the printer for the specified duration of the time after entering Sleep mode, the printer automatically turns off.

◦ Sleep timer

Specifies the length of time to enter sleep mode automatically when no operation is made.

»» Note

If the print job contains a pending job or a security print job, the printer does not enter sleep mode.

• Use USB connection

Use / Do not use USB connection.

• Date/time settings

Sets the current date and time.

• Date display format

Sets the format of dates displayed on the touch screen and printed on photos.

• Time zone (GMT)

Specifies the time zone according to a country or region you live in.

Specifying the time zone allows you to display the correct time and date an e-mail was sent on your mail software.

Select the time difference from GMT (Greenwich mean time) according to a country or region you live in.

• Sound control

Select whether to sound / not sound for key touch sound and alarm sound.

• Length unit settings

Selects the length unit (meter or feet/inch).

- **EOP timer settings**

Specify the timeout period before cancellation of print jobs that cannot be received by the printer.

- **Job history sending settings**

Select **Send** to send the information to the printer management and job management systems.

Language selection

This setting item is displayed by tapping **Printer settings** after tapping  (**Setup**) on the HOME screen.

»» Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Changes the language for the messages and menus on the touch screen.

Firmware update



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

You can update the firmware of the printer, check the firmware version, or perform settings of a notification screen, a DNS server and a proxy server.

Note

- If LAN is disabled, you can not use **Install update**, **DNS server setup**, **Proxy server setup**.

- **Install update**

Performs the firmware update of the printer.

➔ [Firmware update](#)

- **Check current version**

You can check the current firmware version.

- **Update notification settings**

When **Yes** is selected and the firmware update is available, the screen to inform you of the firmware update is displayed on the touch screen.

- **DNS server setup**

Performs settings for a DNS server. Select **Auto setup** or **Manual setup**. If you select **Manual setup**, follow the display on the touch screen to perform settings.

- **Proxy server setup**

Performs settings for a proxy server. Follow the display on the touch screen to perform settings.

Security settings



This setting item is displayed by tapping **Printer settings** after tapping **Setup** on the HOME screen.

Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

• Administrator password settings

You can specify or disable the administrator password.

If you specify the administrator password, select the range and specify the administrator password.

Remote UI and other tools

Entering the administrator password is required to change the setting items using Remote UI or some software.

LCD, Remote UI, and other tools

Entering the administrator password is required to change the setting items using the operation panel of the printer, Remote UI, or some software.

For details:

➔ [Setting Administrator Password on Operation Panel](#)

• Operation restrictions

Restricts the following operations.

- **Job history**

Restricts to display or print the print job history.

- **Remote UI**

Restricts to use Remote UI.

- **Print from USB flash drive**

Restricts to print data on USB flash drive.

• IEEE802.1X settings

Performs various settings for IEEE802.1X.

Printer information



It will be displayed when you tap  (**Setup**) on HOME screen.

- **System information**

Displays printer's system information.

- **Hard disk information**

Displays the total or free space of the printer hard disk.

- **Error history**

Displays the error history.

- **Hardware error**

Displays the hardware error codes (up to 5).

- **Recoverable error**

Displays the recoverable error (e.g. paper or ink related error) codes (up to 5).

- **Paper feed/transfer error**

Displays the error codes for errors which occur during paper feed/transfer (up to 5).

Tapping an error code displays the error details.

For more on the error code, refer to [List of Support Code for Error](#).

- **Usage**

Displays the printer's record of use such as total print area or the amount of ink consumption.

- **Head information**

Displays the Print head serial number, elapsed days since the current Print head was installed, and dot count.

- **Head alignment performance log**

Displays the Print head alignment performance log (up to 5).

- **Values applied with auto settings**

Displays the print settings applied the last print job.

Setting Administrator Password on Operation Panel

You can specify or disable the administrator password.

Specifying the administrator password requires you to enter the password to use the items or change the settings below.

- LAN settings
- Web service setup
- Auto maintenance settings
- Hard disk settings
- Monitoring service settings
- Other printer settings
- Language selection
- Firmware update
- Security settings
- Import/export settings
- Initialize printer settings
- Status print (administrator)

Follow the procedure below to specify the administrator password.

»» Important

- The administrator password is set at the time of purchase. The printer's serial number is used as the password.



1. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Security settings**.

If you specify the administrator password, enter the password.

4. Tap **Administrator password settings**.

If you specify the administrator password, enter the password.

5. Tap **Change administrator password**.

6. Select range where administrator password is valid.

Remote UI and other tools

Entering the administrator password is required to change the setting items using Remote UI or some software.

LCD, Remote UI, and other tools

Entering the administrator password is required to change the setting items using the operation panel of the printer, Remote UI, or some software.

7. Enter new administrator password.

»»» Important

- The following character restrictions apply to the password:
 - Set the password by using 4 to 32 characters.
 - The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.
- ! @ # \$ % ^ & * _ ; : , . / ` = + ' " () { } [] < > |
 - For security reasons, we recommend you use 8 and more alphanumeric characters.

8. Tap **Apply**.


9. Enter administrator password you specified again.

10. Tap **Apply**.

The administrator password is enabled.

When You Want to Disable the Administrator Password:



After tapping  (**Setup**) on HOME screen, select **Printer settings > Security settings > Administrator password settings > Remove administrator password**. Select either item and follow the on-screen instructions to perform settings.

Erasing Data on Printer's Hard Disk

»» Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- For a more secure method of preventing data recovery, we recommend physically or magnetically destroying the hard disk. In this case, the hard disk can no longer be used.
- You cannot erase HDD data if there is a job queue. Additionally, print jobs are not processed while data erasing is in progress.



1. Tap **(Setup)** on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Hard disk settings**.

If an administrator password is set, enter the password.

4. Tap **Data deletion**.

5. Tap erasing method.

Fast

Erases file management data for print job data stored on the printer's hard disk. Choose this method for relatively fast erasure. Because only the file management data is erased, the print job data itself is not erased.

Fast secure

Erases the data encryption key specified for the hard disk drive. Specifying the encryption key again does not allow you to read and use data saved in the past safely and fast. Select to erase highly confidential data.

Secure

Overwrites the entire hard disk with 00, FF, and random data (one time each) after the data encryption key specified for the hard disk drive is erased. Verification is performed to check if the data was correctly written. Choose this method to erase especially confidential data. It is virtually impossible to recover the overwritten data. Conforms to the DoD5220.22-M standard of the U.S. Department of Defense.

Secure (VSITR)

Overwrites the entire hard disk with 00 next overwrites with FF after the data encryption key specified for the hard disk drive is erased. After repeating this process three times, the entire hard disk is overwritten with AA. It is virtually impossible to recover the overwritten data. Conforms to the guidelines of German Federal Government (VS-ITR).

6. Confirm displayed message and tap **Yes**.


Data on the hard disk are erased.

Status Print

You can print a "Status Print" report indicating the current status of the printer.

With "Status Print", information is printed regarding the printer firmware version, various settings, and the status of consumables.

Follow the procedure below to print.

1. On the HOME screen, tap  (**Setup**).

➔ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Test print**.

4. Tap **Status print**.

▶▶▶ Note

- If you specify the administrator password, tap **Status print (administrator)**.

5. Tap **Yes**.

The printer starts printing.

The following information is included.

Canon xxxxxxxxxxxxxxxxxxxxxx Status Print	Printer model
S/N	Printer serial number
Firm	Firmware version
Boot	Boot ROM version
Date	Date and time when the status print was output

Paper Info		
	Roll Media	Type of roll paper
	Cut Sheet	Type of cut sheet

Job Menu		
	Job History	
	Log *	Details of up to 5 jobs (Job name is printed as "**".)

*Printed only when **Status print (administrator)** is selected.

Settings	
	Printer settings

	Print settings	Setting values of Print head movable width setting and Prioritize paper size
	Paper-related settings	Setting values of Paper-related settings
Device settings		
	Auto maintenance settings	Setting values of Auto maintenance settings
	Hard disk settings	Setting values of Hard disk settings
	Device user settings	Setting values of Other printer settings
	Language selection	Setting value of Language selection
	Firmware update notification	Setting values of Update notification settings
	Monitoring service settings	Setting values of Enable/disable monitoring service

Usage Condition		
	Hard disk information	Values of Hard disk capacity and Job box free space
	Hardware error	History information of Hardware error
	Error	History information of Recoverable error
	Warning	Warning history information
	Jam	History information of Paper feed/transfer error
	Maintenance cartridge usage / Remaining ink level	Values of Ink consumed
	Duty counter	Values of Duty counter

PARTS STATUS		
	COUNTER	Part status

Head information		
	HEAD LOT NUMBER/ DATE OF INSTALLATION	Information of Head information
	Head alignment performance log	History information of Head alignment performance log

COUNTER		
	MEDIA	Usage status by media
	THE NUMBER OF CUTS	Total number of cuts
	AFTER INSTALLATION	Number of days from the use start date

Changing Printer's Setting Using Web Browser

- **Start up Remote UI**
- **Changeable Setting Items Using Remote UI**
- **Setting Passwords using Remote UI**
- **Registering Printer's Root Certificate to Web Browser for SSL Communication**
- **Registering Printer's Root Certificate to Local Computer for SSL Communication**
- **Generating Server Certificate**
- **Setting Mail Server**
- **Receiving Printer Status by E-mail**

Start up Remote UI

You can check the printer status and change the printer settings using the web browser on your smartphone, tablet, or computer.

To check the printer status and to change the printer settings, display "Remote UI" on the web browser.

»» Note

- Remote UI is a software that enables you to perform operations, which are usually performed on the printer's operation panel, using a Web browser over a network.

LAN connection with the printer is required to use Remote UI.

- You can use Remote UI on the following OS and the web browser.

- iOS device

OS: iOS 12.0 or later

Web browser: iOS standard Web browser (Mobile Safari)

- iPadOS device

OS: iPadOS 13.0 or later

Web browser: iPadOS standard Web browser (Mobile Safari)

- Android device

OS: Android 5.1 or later

Web browser: Android standard Web browser (Browser or Chrome)

- macOS device

OS: macOS Sierra 10.12 or later

Web browser: Safari 10.0 or later

- Windows device

OS: Windows 7 SP1 or later

Web browser: Microsoft Edge, Internet Explorer 11, Mozilla Firefox, Google Chrome

- Enable JavaScript and cookies in the web browser.

1. Check printer's IP address.

1. Tap  (**Network**) on HOME screen.

➡ [Home Screen Menu Composition](#)

2. Tap the enabled LAN.

Diagonal lines are displayed for disabled LAN icons.

3. Check **IPv4 address**.

2. Open web browser on your smartphone, tablet, or computer and enter IP address.

Enter as following in the URL field of the web browser.

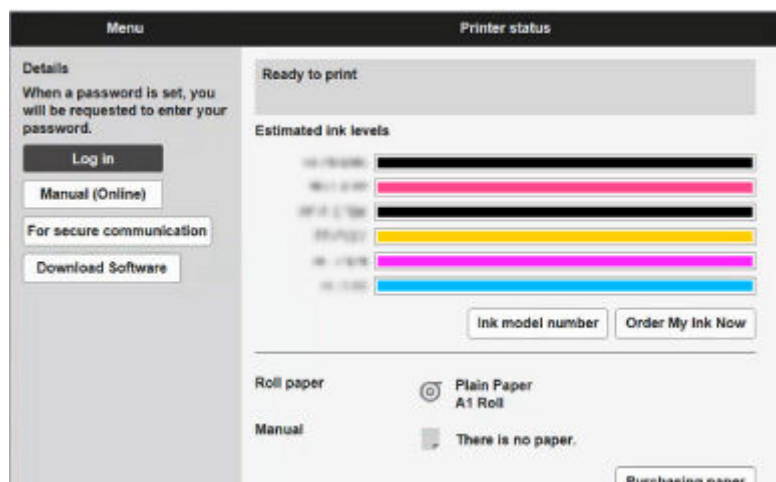
http://XXX.XX.X.XXX

Enter the IP address of the printer in "XXX.XX.X.XXX".

»» Note

- If you have set a DNS host name, you can also enter this.

When you access, "Remote UI" will be displayed on the web browser on your smartphone, tablet, or computer.



»» Note

- If you display Remote UI for the first time on your smartphone, tablet, or computer, download the root certificate, and then register it.
 - ➔ [Registering Printer's Root Certificate to Web Browser for SSL Communication](#)
- If the root certificate is not registered, a message to warn you that the secure connection is not guaranteed may appear.

3. Select **Log in**.

The password authentication screen appears.

»» Note

- When the standard user mode is enabled, choose either administrator mode or standard user mode to log on.

After choosing a mode and selecting **Log in**, the password authentication screen of each mode appears.

4. Enter password.

When the password authentication is complete, the menus that can be utilized are displayed on the web browser.

»» Important

- The password is set at the time of purchase. The password is the printer serial number. The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters (four alphabets followed by five numbers).

For details on setting password, see [Setting Passwords Using Remote UI](#).

5. Confirm that the main screen of Remote UI is displayed.

For changeable setting items, see below.

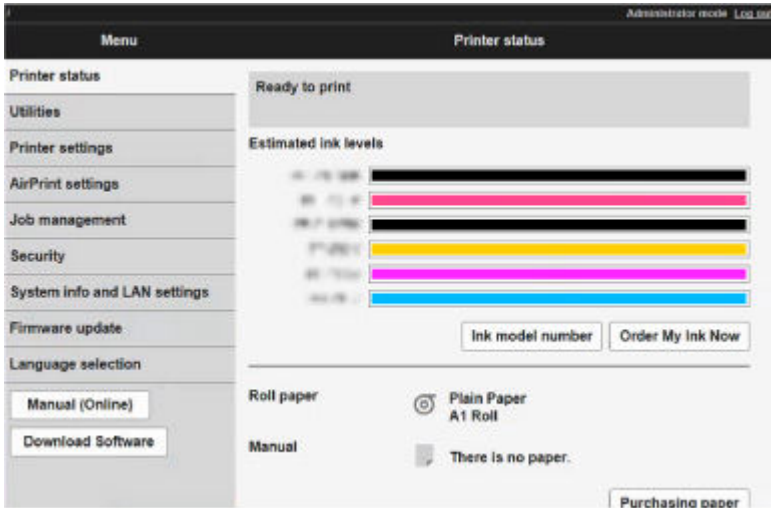
- ➔ [Changeable Setting Items Using Remote UI](#)

When you finish checking printer status and changing printer settings, select **Log out**.

Changeable Setting Items Using Remote UI

►►► Note

- The item which can be used is different in administrator mode or in standard user mode.



Printer status

This function displays printer information such as the remaining ink amount, the status, and detailed error information.

You can also connect to the ink purchase site or support page, and use Web Services.

Utilities

This function allows you to set and perform maintenance such as cleaning.

Printer settings

This function allows you to change the printer settings such as the energy saving settings and the print settings.

Additionally, this function allows you to receive the printer status information such as the remaining ink level and the error.

- ➔ [Setting Mail Server](#)
- ➔ [Receiving Printer Status by E-mail](#)

You can disable any operations using the operation panel from **Operation panel lock** on **Custom settings**.

►►► Note

- Some of the menu is available only when you logged on in administrator mode.

AirPrint settings

This function allows you to specify the AirPrint settings when printing with AirPrint.

Job management

This function allows you to display the job history and print it.

In addition, you can delete jobs from this item.

▶▶▶ Note

- When you are logging on in administrator mode, you can restrict this function in standard user mode.

Security (Item for administrator)

This function allows you to specify the password, the standard user mode settings, the operation restrictions, and SSL/TLS settings of certificate for encrypted communication.

System info and LAN settings

- **Confirm system information**
- [LAN settings](#)(Item for administrator)

Firmware update

You can update the firmware of the printer, check the firmware version, or perform settings of a DNS server and a proxy server.

➡ [Firmware update](#)

Language selection (Item for administrator)

This function allows you to change the language on the display.

Manual (Online)

This function displays the *Online Manual*.

Security

- **Administrator password setting**

- ➔ [Setting Passwords Using Remote UI](#)

- **Operation restrictions**

Restricts the following operations.

- **Job history**

- Restricts to display or print the print job history.

- **Print from USB flash drive**

- Restricts to print data on USB flash drive.

- **SSL/TLS settings**

Perform settings of a certificate for encrypted communication.

Available TLS settings enables you to specify the range of the version used for SSL/TLS communication.

- **IEEE802.1X settings**

- **Authentication**

- Enables/Disables IEEE802.1X certificate.

▶▶▶ **Note**

- In the case of using IEEE802.1X certificate, **Security > IEEE802.1X settings > CA certificate**, and register the CA certificate.
- Supported authentication method
 - EAP-TLS(Extensible Authentication Protocol-Transport Level Security)
 - EAP-TTLS(EAP-Tunneled TLS)
 - PEAP(Protected EAP)

- **Weak encryption restriction**

- Selecting **Do not restrict** enables communication using the 3DES or RC4 encryption algorithm.

- **Weak certificate restriction**

- Selecting **Do not restrict** enables certificate authentication using the public key algorithm of RSA (512 bit) or RSA (1024 bit).

- **Key and certificate settings**

- Perform settings for key and client certificate.

- **CA certificate**

- Perform settings for the CA certificate that verifies a server certificate.

LAN settings

- **Wi-Fi**

Enables/Disables Wi-Fi.

- **Wireless Direct**

Enables/Disables Wireless Direct.

- **Wired LAN**

Enables/Disables Wired LAN.

- **Confirm LAN settings**

The LAN setting information is displayed.

- **Advanced setup**

- **Set printer name**

Specifies the printer name. You can use 2 to 15 characters for the name.

▶▶▶ Note

- You cannot use the same printer name as that already used for other LAN connected devices.
- You cannot use a hyphen for the initial or last character of the printer name.

- **TCP/IP settings**

Performs IPv4 or IPv6 setting.

- **WSD settings**

Perform settings to use WSD.

- **Bonjour settings**

Perform settings to use Bonjour.

- **LPD print**

Perform settings for printing with LPD.

- **SNMP settings**

Perform settings for using SNMP to manage and control the printer.

- **SNTP settings**

Perform settings for using SNTP to adjust the time on the printer.

- **FTP settings**

Perform settings for printing with FTP.

- **IPP Settings**

Perform settings for printing with IPP.

- **CHMP settings**

Perform settings for communication at the time when printer drivers or applications acquire the information on status, paper, and job log, from the printer.

Selecting **Enable HTTPS redirection** redirects the communication using CHMP to encrypted communication.

▶▶▶ Note

- To use CHMP for encrypted communication, you need to register the printer's root certificate to your computer.
 - ➔ [Registering Printer's Root Certificate to Local Computer for SSL Communication](#)
- CHMP is a Canon proprietary protocol.

◦ Network interface settings

To connect to a hub that supports STP, select **Enable**.

Selecting **Enable** perform the intermittent data reception when connecting to the network.

◦ DRX settings


Selecting **Enable** perform the intermittent data reception when connecting to the network.

◦ IP filtering

Allows or denies access for specific IP addresses.

Settings for both IPv4 and IPv6 addresses can be specified.

▶▶▶ Important


- If the device address for administrator has been set to rejection by mistake, tap  (**Network**) on the HOME screen of the operation panel, and then tap **LAN settings > Wi-Fi / Wireless Direct / Wired LAN > Settings > Advanced setup > Reset LAN settings**, and initialize network information of the printer.

After resetting, perform setup again as necessary.

◦ MAC address filtering settings

Allows or denies access for specific MAC addresses.

▶▶▶ Important

- If the device address for administrator has been set to rejection by mistake, tap  (**Network**) on the HOME screen of the operation panel, and then tap **LAN settings > Wi-Fi / Wireless Direct / Wired LAN > Settings > Advanced setup > Reset LAN settings**, and initialize network information of the printer.

After resetting, perform setup again as necessary.

◦ Reset LAN settings

Initializes the network settings on the printer.

After resetting, perform setup again as necessary.

Setting Passwords using Remote UI

Each of passwords for administrator and standard user can be set.

When logging on with password for administrator, all settings can be changed.

When logging on with password for standard user, some of the settings can be changed.

When logging on with password for administrator, you can restrict the function for standard user.

➔ [Setting Administrator Password](#)

➔ [Setting Standard User Password](#)

▶▶▶ Note

- Password can be set only when you are logged in administrator mode.

Setting Administrator Password

Change the administrator password by following the steps below.

▶▶▶ Important

- The password is set at the time of purchase. The password is the printer serial number. The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters (four alphabets followed by five numbers).

1. Start up **Remote UI**.

➔ [Start up Remote UI](#)

2. Select **Security**.

3. Select **Administrator password setting**.

4. Select **Change administrator password**.

If an administrator password is not specified, the confirmation message appears. Confirm the message and select **Yes**. When message appears again, confirm it and select **OK**.

5. Select range where administrator password is valid and select **OK**.

Remote UI and other tools

Entering the administrator password is required to change the setting items using the Remote UI or some software.

Operation panel/Remote UI/other tools

Entering the administrator password is required to change the setting items using the operation panel of the printer, the Remote UI, or some software.

6. Enter password and select **OK**.

▶▶▶ Important

- The following character restrictions apply to the password:

- Set the password by using 4 to 32 characters.
- The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.
- ! @ # \$ % ^ & * _ ; : , . / ` = + ' " () { } [] < > |
- For security reasons, we recommend you use 8 and more alphanumeric characters.

7. When completion message appears, select **OK**.

Setting Standard User Password

For restricting the function for standard user, enable the standard user mode and set a standard user password by following the steps below.

1. Start up **Remote UI**.

➔ [Start up Remote UI](#)

2. Select **Security**.

The menus appear.

3. Select **Standard user mode settings**.

4. When confirmation message appears, select **Yes**.

5. Enter password and select **OK**.

Important

- The following character restrictions apply to the password:
 - Set the password by using 4 to 32 characters.
 - The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.
- ! @ # \$ % ^ & * _ ; : , . / ` = + ' " () { } [] < > |
 - For security reasons, we recommend you use 8 and more alphanumeric characters.

6. When completion message appears, select **OK**.

Registering Printer's Root Certificate to Web Browser for SSL Communication

If the printer's root certificate has not been registered to the web browser, a message to warn you that the secure connection is not guaranteed may appear.

When you display Remote UI for the first time on your smartphone, tablet, or computer, download the root certificate, and then register it to the web browser. The secure connection will be confirmed and a message will not appear. However, the message may appear depending on a web browser even after you have registered the root certificate.

How to register the root certificate varies depending on the web browser.

- ➔ [For Microsoft Edge](#)
- ➔ [For Safari](#)
- ➔ [For Chrome on Android](#)
- ➔ [For Mobile Safari on iOS](#)

Operating procedure may differ depending on the version of your web browser. For other web browser, refer to each help.

►►► Important

- Make sure that you have accessed to the printer IP address correctly by checking the URL field of the web browser before registering the root certificate.
- If the printer is connected via IPv6 using Windows, you need to generate a server certificate using Remote UI.

For details, see [Generating Server Certificate](#).

For Microsoft Edge

1. Select **For secure communication** on Remote UI.

2. Select **Download**.

Downloading the root certificate is started.

3. If confirmation screen appears, select **Open**.


Certificate screen is displayed.

►►► Note

- To save the certificate file and register it, select **Save**. To register, select **Control Panel > Network and Internet > Internet Options**, and register the root certificate from **Certificates on Content** sheet.

4. Select **Install Certificate**.

Certificate Import Wizard screen is displayed.

5. Select **Next**.
6. Select **Place all certificates in the following store**.
7. Select **Browse**.
Select Certificate Store screen is displayed.
8. Select **Trusted Root Certification Authorities** and **OK**.
9. Select **Next** on **Certificate Import Wizard** screen.
10. If **Completing the Certificate Import Wizard** appears, select **Finish**.
Security Warning screen is displayed.
11. Make sure that thumbprint on **Security Warning** screen matches printer's thumbprint.
 To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert. thumbprint (SHA-256)**, tap  (**Setup**) on HOME screen of the operation panel, and then tap **Printer information > System information**.
12. If thumbprint on **Security Warning** screen matches printer's thumbprint, select **Yes**.
13. Select **OK** on **Certificate Import Wizard** screen.
 The root certificate registration is completed.

For Safari


1. Select **For secure communication** on Remote UI.
2. Select **Download**.
 Downloading the root certificate is started.
3. Open the downloaded file.
 Keychain access starts up and **Add Certificates** screen is displayed.
4. Select **Add**.
 Information on the certificate is displayed.

▶▶▶ Note

- You can also add the certificate by selecting **Show Certificate**, checking certificate name to add, and then selecting the same certificate on Keychain access.

5. Make sure that fingerprint of certificate detail information matches printer's thumbprint.

To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert.**

thumbprint (SHA-256), tap  (**Setup**) on HOME screen of the operation panel, and then tap **Printer information > System information**.

6. If fingerprint of certificate detail information matches printer's thumbprint, display information on certificate from the menu or by double-clicking the certificate, and select **Always Trust** on **Trust**.

The root certificate registration is completed.

▶▶▶ Note

- If a password is set on your device, entering a password may be required.

For Chrome on Android

1. Select **For secure communication** on Remote UI.

2. Select **Download**.

Downloading the root certificate is started and then **Name the certificate** screen is displayed.

3. As entering the root certificate name is required, enter an arbitrary certificate name and select **OK**.

The root certificate registration is completed.

▶▶▶ Note

- If PIN or password is not set as security type, the attention screen may appear. Select **OK**, and then set the security type to PIN or password.

After Root Certificate Registration

We recommend that you make sure that the correct root certificate has been registered.

To make sure that the correct root certificate has been registered, make sure that thumbprint of certificate information matches printer's thumbprint. Follow the steps below.

▶▶▶ Note

- Some Android devices cannot be checked the thumbprint of a registered route certificate.

1. From **Settings** menu on your device, select **Security, Trust credentials**, and **USER**.


The list of downloaded certificates appears.

2. Select downloaded certificate.

The certificate information appears.

3. Make sure that thumbprint of certificate information matches printer's thumbprint.

To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert.**

thumbprint (SHA-256), tap  (**Setup**) on HOME screen of the operation panel, and then tap **Printer information** > **System information**.

4. If thumbprint of certificate information screen matches printer's thumbprint, select **OK**.

The root certificate registration is completed.

If the message to warn you that the secure connection is not guaranteed appears when you select **Log in** on Remote UI after registering the root certificate, restart the web browser. The message will not appear on the web browser.

▶▶▶ Note

- Depending on the Android device, a warning may appear even after registering the proper root certificate.

For Mobile Safari on iOS

1. Select **For secure communication** on Remote UI.

2. Select **Download**.

Downloading the root certificate is started and then **Install Profile** screen is displayed.

3. Select **Install**.

Warning screen is displayed.

▶▶▶ Note

- If a password is set on your device, entering a password may be required.

4. Select **Install**.

5. Select **Install** on displayed dialog.

The root certificate registration is completed.

Registering Printer's Root Certificate to Local Computer for SSL Communication

To use Device Management Console or Accounting Manager, etc. when you connect the printer to a computer using SSL encrypted communication, you need to register (import) the printer's root certificate to your computer.

Procedure to register the certificate varies depending on your operation environment.

▶▶▶ Important

- If the printer is connected via IPv6 using Windows, you need to generate a server certificate using Remote UI.

For details, see [Generating Server Certificate](#).

➔ [For Windows 10/Windows 8.1](#)

➔ [For Windows 7](#)

➔ [For macOS](#)

Operation procedure may differ depending on your OS version.

For Windows 10/Windows 8.1

The procedure below describes how to import a root certificate in Windows 10/Windows 8.1.

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **For secure communication**.

▶▶▶ Note

- You can download a certificate from Status Monitor.

1. Open status monitor.

Open the **Printing preferences**, and select **Status Monitor...** on **Main**.

2. Download a certificate.

Select **Download Security Certificate** from the **Remote UI** menu.

3. Select **Download**.

The root certificate will be downloaded.

4. When download confirmation screen is displayed, select **Open**.

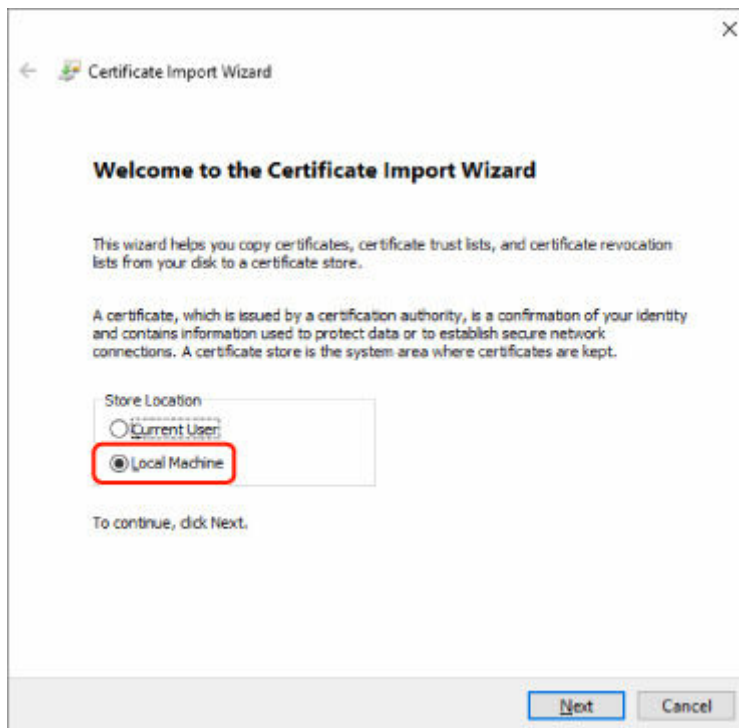
The **Certificate** screen appears.

5. Select **Install Certificate**.

The **Certificate Import Wizard** screen appears.

6. Select **Local Machine**.

1. Select **Local Machine** on the startup screen of **Certificate Import Wizard**.



2. Select **Next**.
3. Select **Yes** on the displayed screen.

The **Certificate Store** screen appears.

7. Select **Place all certificates in the following store**.

8. Select **Trusted Root Certificate Authorities**.

1. Select **Browse** to open the **Select Certificate Store** screen.
2. Select **Trusted Root Certificate Authorities** from the list and select **OK**.
3. Select **Next** on the **Certificate Store** screen.

9. Select **Finish**.

When the **Completing the Certificate Import Wizard** screen appears, check the settings and select **Finish**.

For Windows 7

The procedure below describes how to import a root certificate in Windows 7.

»» Important

- Be sure to create a certificate snap-in before importing a root certificate.

The root certificate will be registered to the local user if you import it without creating a certificate snap-in.

Creating Certificate Snap-in

1. Start up Microsoft Management Console.

Enter **MMC** on **Search programs and files** in the **Start** menu and press the Enter key.

2. Select **Yes** on displayed screen.

3. Select **Add/Remove Snap-in** from **File** menu.

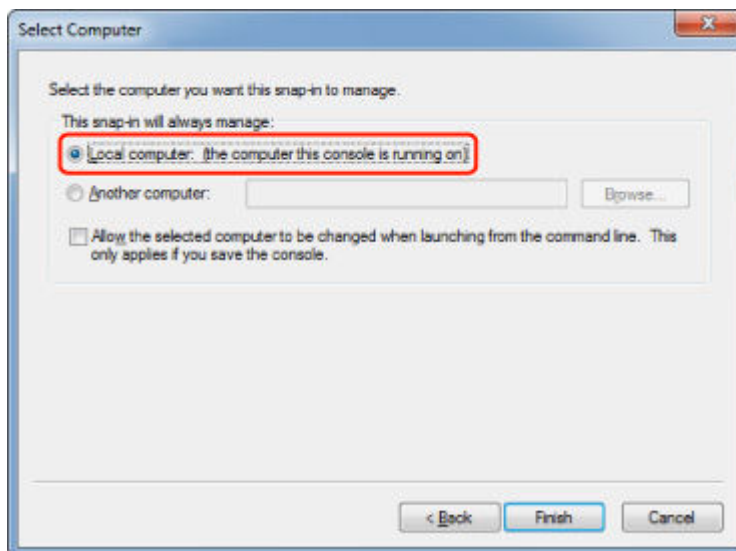
The **Add or Remove Snap-ins** screen appears.

4. Add **Certificate** snap-in.

1. Select **Certificates** from **Available snap-ins** list and select **Add**.

2. Select **Computer account** for **This snap-in will always manage certificates for** on the **Certificates snap-in** screen and select **Next**.

3. Select **Local computer** on the **Select computer** screen and select **Finish**.



4. Select **OK** on the **Add or Remove Snap-ins** screen.

Downloading Certificate

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **For secure communication**.

»» Note

- You can download a certificate from Status Monitor.

1. Open status monitor.

Open the **Printing preferences**, and select **Status Monitor...** on **Main**.

2. Download a certificate.

Select **Download Security Certificate** from the **Remote UI** menu.

3. Select **Download**.

4. Select **Save**.

Importing Certificate

1. Open **Certificate Import Wizard**.

1. On the left window, open **Trusted Root Certificate** from **Certificate** on **Console Root**.

2. Right-click **Certificates** and select **Import** from **All tasks**.

2. Specify certificate file to import.

1. Select **Next**.

2. Specify the certificate file to import on **File name** and select **Next**.

3. Specify certificate store.

1. Select **Place all certificates in the following store**.

2. Select **Trusted Root Certificate Authorities** for **Certificates Store**.

4. Finish certificate import wizard.

1. Select **Next** and check the specified settings.

2. Select **Finish** to finish the wizard.

3. Select **OK** on the displayed screen.

Checking Imported Certificate

Make sure the imported certificate has been registered to your computer.

1. Display certificate list.

On the left window of Microsoft Management Console, select **Console Root > Certificates (Local Computer) > Trusted Root Certificate Authorities** in this order, and Select **Certificates** to display the certificate list.

2. Check registered certificate.

Make sure the imported certificate name is displayed on the list.

»» Note

- Make sure you can see the registered certificate from **Current user** by creating the **Current user** snap-in.

»» Note

- When you finish Microsoft Management Console, a message asking you whether to save the console setting. If you continue to apply the same settings next, select **Yes** to save.

For macOS

The procedure below describes how to import a root certificate in macOS.

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **For secure communication**.

3. Select **Download**.


The root certificate will be downloaded.

4. Open downloaded certificate file.

When the download procedure is completed, a downloaded item pops up on the right of the screen.

Double-click the downloaded certificate on the list starts up **Keychain Access** and the **Add Certificates** screen appears.

»» Note

- If the downloaded item does not pop up, select the **Show Downloads**  button on the right.
- Selecting the magnifying glass icon on the right of download list displays the folder containing the certificate.

5. Select **Add**.

Select the destination for the certificate on **Keychain**.

Selecting **Add** displays information on the certificate.


▶▶ Note

- You can add the certificate by selecting the same certificate on **Keychain Access**. Check the name of certification to add after selecting **View Certificates**.

6. Check certificate.

Make sure the fingerprint of certificate shown on **Details** corresponds with the root certificate thumbprint of the printer.

To display the printer's root certificate thumbprint in **Root cert. thumbprint (SHA-1)** or **Root cert.**

thumbprint (SHA-256), tap  (**Setup**) on HOME screen of the operation panel, and then tap **Printer information > System information**.

7. Select **Always Trust**.

If the fingerprint of certificate detail information matches printer's thumbprint, display information on certificate from the menu or by double-clicking the certificate, and select **Always Trust** on **Trust**.

The root certificate has been registered.

▶▶ Note

- Entering the password may be required if you specify it for your printer.

Generating Server Certificate


When you use SSL connection via IPv6 network, you need to generate an IPv6 server certificate using the printer.

Generate the server certificate from Remote UI.

Follow the procedure below.

1. [Checking Printer's IP Address](#)
2. [Generating Server Certificate](#)
3. [Checking Generated Server Certificate](#)

»» Important

- To reset the IPv6 server certificate, tap  (**Network**) on the HOME screen of the operation panel, and then tap in the following order.

LAN settings > Wi-Fi / Wireless Direct / Wired LAN > Settings > Advanced > Reset SSL certificates > Yes

Checking Printer's IP Address

1. Tap  (**Network**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap the enabled LAN.

Diagonal lines are displayed for disabled LAN icons.

3. Check the value on **IPv6 link-local address**.

Write down the value on **IPv6 link-local address** for your reference when you open Remote UI and generate a server certificate.

Generating Server Certificate

1. Open web browser on your smartphone, tablet, or computer and enter the printer IP address.

Enter as following in the URL field of the web browser.

http://[XXXX::XXXX:XXXX:XXXX:XXXX]

On "XXXX::XXXX:XXXX:XXXX:XXXX", enter the **IPv6 link-local address** in abbreviated form.

The top screen of Remote UI appears.

2. Select **Log in** on Remote UI.

»» Note

- If you specify the administrator password, enter the password.

3. Select **Security**.

4. Select **SSL/TLS settings**.

5. Select **Generate key and certificate**.

6. Select **Generate self-signed cert**.

7. Specify each setting item.

- **Signature algorithm**

Select **SHA256**.

- **Public key length (bits)**

Select **2048 bits**.

- Specify the expiration date.

Enter the date you generated the server certificate on **Valid from**.

Enter the date the server certificate expires on **Valid to**.

- Enter the common name.

On **Common name**, enter the **IPv6 link-local address** you checked in abbreviated form.

»» Note

- When you enter the common name, add [] to each end of the abbreviation value of the printer's IPv6 address.
- Do not use a comma or make a space for the common name.

8. Select **Next**.

You need not enter anything on **Country, State or province, Locality, Organization, or Organizational unit**.

9. Select **Generate**.

The server certificate starts to be generated.

When the server certificate has been generated, **Generated a self-signed certificate** appears.

10. Select **Restart LAN**.

LAN will be restarted.

When LAN has been restarted, **Printer status** on Remote UI appears.

»» Note

- If you cannot access to Remote UI after you restart LAN, reload your web browser.

Checking Generated Server Certificate

1. Select **Security** on Remote UI.

2. Select **SSL/TLS settings**.

3. Select **Check key and certificate**.

Make sure the issuer of the root certificate is displayed on **Issued by**, and the value you entered is displayed on **Common name** on **Subject**.

Setting Mail Server

To use mail function, specify the mail server settings.

*This function may not be available depending on the country or region of purchase.

▶▶▶ Note

- If you did not specify the time zone setting using the printer's operation panel, a message to inform you that the correct time may not be reflected on the sent e-mail appears. We recommended that you set the time zone setting using the printer's operation panel.

For the time zone setting, see [Other printer settings](#).

- These functions can be set only when you are logged in administrator mode.

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Printer settings**.

3. Select **Set mail server**.

The setting items for mail server appear.

4. Specify mail server settings.

Specify the following items.

Sender address

Enter the e-mail address of the sender (this printer).

Outgoing mail server (SMTP)

Enter the address of your SMTP server.

Port number (SMTP)

Enter the port number of your SMTP server.

Secure connection (SSL)

Select if you use the secure connection (SSL).

Don't verify certificates

Select if you do not verify the certificate.

Authentication

Select one of the following authentication methods.

SMTP authentication

Select if you send e-mail with SMTP authentication.

Then select **OK**, and then make the following settings.

Outgoing account

Enter the account name for sending to perform the authentication.

Outgoing password

To set / change the password for sending in order to perform the authentication, check the **Set/change password** and then enter the password.

POP before SMTP

Select if you send e-mail with POP before SMTP authentication.

Then select **OK**, and then make the following settings.

Incoming mail server (POP3)

Enter the address of your POP3 server.

Port number (POP3)

Enter the port number of your POP3 server.

Incoming account

Enter the account name for receiving to perform the authentication.

Incoming password

To set / change the password for receiving in order to perform the authentication, check the **Set/change password** and then enter the password.

Use APOP authentication

Select if you send the password by the encryption transmission.

Clear mailbox

Select if you delete the e-mails that remain in the POP3 server.

»» Important

- When this setting is enabled, e-mail in the Inbox on the server will have all been removed. If you specify the e-mail address of your everyday, be sure to disable this setting as unread e-mail is not deleted. We recommended that you prepare this printer dedicated e-mail account not to accidentally delete the unread e-mail.

5. Select OK.

The setting operation is completed.

Receiving Printer Status by E-mail

You receive the printer status information such as the remaining ink level and the error from the printer.

*This function may not be available depending on the country or region of purchase.

▶▶▶ Note

- Specify the mail server settings in advance.
 - ➔ [Setting Mail Server](#)
- If you did not specify the date and time setting using the printer's operation panel, the date and time may not be reflected on the sent e-mail. We recommended that you set the date and time setting using the printer's operation panel.
For the date and time setting, see [Other printer settings](#).
- These functions can be set only when you are logged in administrator mode.

1. Start up Remote UI.

- ➔ [Start up Remote UI](#)

2. Select **Printer settings**.

3. Select **Status notification email**.

4. Select **Notification recipients**.

5. Specify destination settings.

Up to 5 destinations can be registered by following the steps below.

1. Select number of destination.
2. Select **Add**.
3. Enter e-mail address, and then select printer status to send information.
4. Select **OK**.

The registration for destination is completed.

6. Select **Printer settings > Status notification email > Retry settings**.

7. Specify resending settings.

The number of resending can be specified by following the steps below.

1. Specify number of resending.
2. Specify interval of resending.

3. Select OK.

The resending setting is completed.

Migrating Printer's Setting

Migrates the printer settings to another one of the same model.

This operation is available using Remote UI or USB flash drive.

➔ [Using Remote UI](#)

➔ [Using USB Flash Drive](#)

▶▶▶ Note

- The printers must be running the same firmware version. The target data to be migrated is fixed.

Using Remote UI

1. Exporting settings

1. Start up Remote UI.
➔ [Start up Remote UI](#)
2. Select **Printer settings**.
3. Select **Import/Export printer settings**.
4. Select **Export printer settings**.
5. Enter password and select **OK**.

2. Importing settings

1. Start up Remote UI
➔ [Start up Remote UI](#)
2. Select **Printer settings**.
3. Select **Import/Export printer settings**.
4. Select **Import printer settings**.
5. Select a file to import.
6. Enter password and select **OK**.

Using USB Flash Drive

1. Exporting settings

1. Insert a USB flash drive to USB flash drive port.

2. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

3. Tap **Printer settings**.

4. Tap **Import/export settings**.

If you specify the administrator password, enter the password.

5. Tap **Export**.

6. Enter password and Tap **OK**.

7. Enter password again.

2. Importing settings

1. Insert a USB flash drive to USB flash drive port.

2. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

3. Tap **Printer settings**.

4. Tap **Import/export settings**.

If you specify the administrator password, enter the password.

5. Tap **Import**.

6. Enter password and Tap **OK**.

Initializing Printer's Setting

Initializes the following settings.

- Paper setting information
- Detection priority data of paper
- SSL certificate
- LAN setting
- Administrator password
- Hard drive data
- Job history
- Operation panel lock

This operation is available using the operation panel or Remote UI.

➡ [Using operation panel](#)

➡ [Using Remote UI](#)

Using operation panel

1. Tap  (**Setup**) on HOME screen.

➡ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Initialize printer settings**.

If you specify the administrator password, enter the password.

4. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.

➡ [Start up Remote UI](#).

2. Select **Printer settings**.

3. Select **Initialize printer settings**.

4. Confirm displayed message and select **Yes**.

The Remote UI is disconnected.

Network Setting

➤ Network Connection Tips

- Printer Connection Methods
 - Connecting Smartphone/Tablet to Printer via Wireless Router
 - Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)
- Default Network Settings
- Another Printer Found with Same Name
- Connecting to Another Computer via LAN/Changing from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Countermeasures against Unauthorized Access
- Network Status and Troubleshooting

➤ Checking Printer Connection Status Using IJ Network Device Setup Utility

➤ Sharing the Printer on a Network (Windows)

- Setting Up a Shared Printer
- Restrictions on Printer Sharing

➤ Sharing the Printer on a Network (macOS)

- Settings on Print Server
- Settings on Client PC
- Restrictions on Printer Sharing

Network Connection Tips

- **Printer Connection Methods**
 - Connecting Smartphone/Tablet to Printer via Wireless Router
 - Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)
- **Default Network Settings**
- **Another Printer Found with Same Name**
- **Connecting to Another Computer via LAN/Changing from USB to LAN Connection**
- **Printing Network Settings**
- **Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection**
- **Countermeasures against Unauthorized Access**
- **Network Status and Troubleshooting**

Printer Connection Methods

4 connection methods are available on the printer.

Wi-Fi Connection

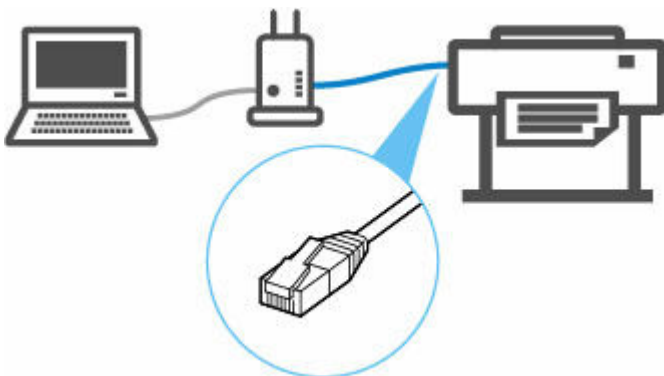
- Using Wi-Fi Router



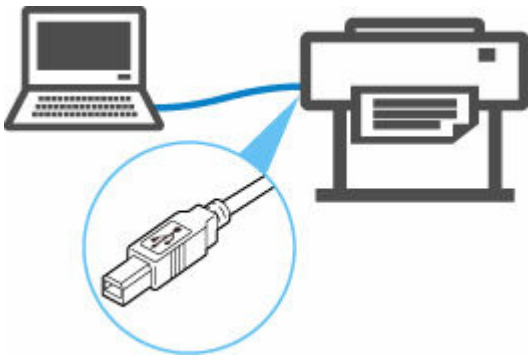
- Without Using Wi-Fi Router (Wireless Direct)



LAN Connection



USB Connection



Different types of network connections cannot be used at the same time.

When connecting another device while the devices are already connected to the printer, connect it using the same connection method as the connected device or connect via USB connection.

If you connect using a different connection method, the connection to the devices in use will be disabled.

➔ Restrictions

Wi-Fi Connection


There are two methods for connecting the printer to your device (e.g. smartphone or tablet). One method is to connect using a wireless router, and the other method is to connect without using a wireless router.

The two connection methods cannot be used at the same time.

If you have a wireless router, we recommend you use the method using a wireless Router.

• Connection Using a Wireless Router



- Connect the printer and the devices using a wireless router.
- Connection methods vary depending on the wireless router type.
- You can change network settings such as the SSID and security protocol on the printer.
- When the connection between a device and a wireless router is completed and  (Wi-Fi icon) is displayed in the device's screen, you can connect the device to the printer using the wireless router.

➔ [Connecting Smartphone/Tablet to Printer via Wireless Router](#)

➤➤ Note

- If you connect using a wireless router, the printer and the device must be connected to the same network.

➔ Advantages of Connecting Printer over Wi-Fi

- **Connection without Using a Wireless Router (Wireless Direct)**

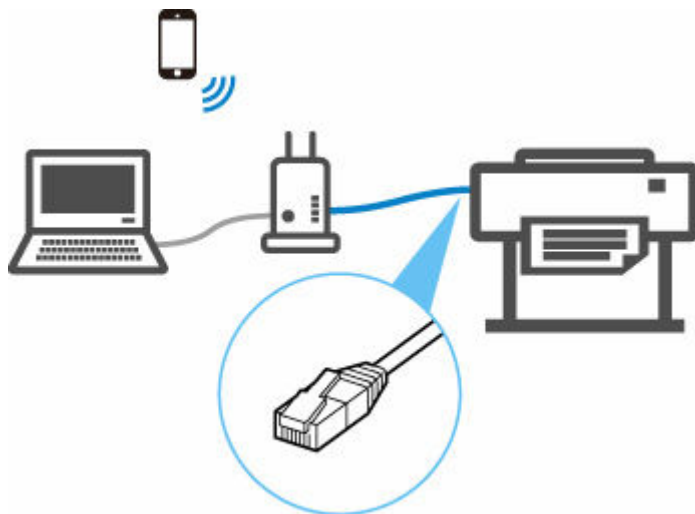


- Connect the printer and a device without using a wireless router. Connect the device and the printer directly using the printer's wireless direct.
- In the wireless direct, you can connect up to five devices at the same time. If you try to connect another device while five devices are already connected, disconnect a device you do not use and configure settings again.
- Network settings such as the SSID and security protocol are specified automatically.

➔ [Connecting Smartphone/Tablet to Printer Directly \(Wireless Direct\)](#)

LAN Connection

Connect the printer and a computer or a router with an Ethernet cable. If your router supports wireless connection, you can connect the device via wireless connection.



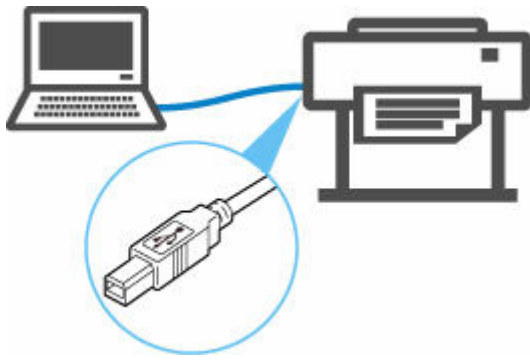
➤➤➤ Note

- Devices connected to the router must be connected to the same network.

- ➔ What Is Ethernet Cable?
- ➔ Advantages of Connecting Printer via Wired LAN

USB Connection

Connect the printer to a computer using a USB cable.



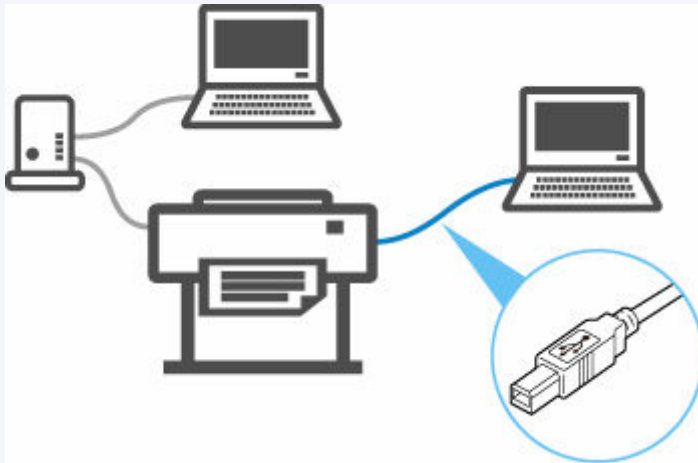
➔ What Is USB Cable?

In USB connection, the printer is connected one-on-one to the computer.

If your computer is connected to LAN, you can use the printer with other devices by enabling the sharing setting on your computer.

➤➤ Note

- You can connect the printer to a computer via USB even when the printer is already connected to another one via wired LAN.



➤➤ Important

- If you connect a device connected to the Internet via a wireless router to the printer that is in the wireless direct, the connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. Transmission fees for connecting to the Internet using a mobile data connection apply.

Connecting Smartphone/Tablet to Printer via Wireless Router

You can connect devices (e.g. smartphone, or tablet) to the printer by two methods below.

- Wi-Fi connection (connecting devices via a wireless router)
- Wireless Direct connection (connecting devices without using a wireless router)

This section describes Wi-Fi connection via a wireless router.

Follow the procedure below to connect via a wireless router.

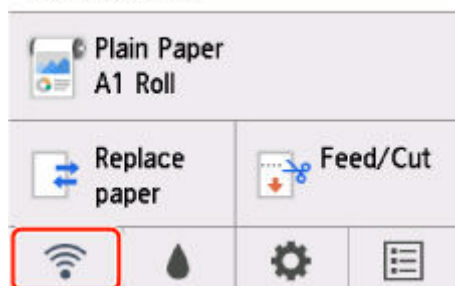
1. [Confirm the Printer's Wi-Fi Connection is Enabled](#)
2. [Connect Smartphones and Tablets to the Printer](#)

▶▶▶ Important

- Check the usage restrictions and change the printer LAN setting.
 - ➔ Restrictions
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Enable Printer's Wi-Fi connection

Ready to print



If a different network icon is displayed on the HOME screen, follow the procedure below to enable Wi-Fi connection.

1. On the HOME screen, tap the **Network** icon.
 - ➔ [Home Screen Menu Composition](#)
2. Tap **Wi-Fi**.
3. Tap **Settings**.
4. Tap **Enable/disable Wi-Fi**.
5. Tap **Enable**.

The printer's Wi-Fi is enabled and you can connect the Wi-Fi you connected previously.

Connect Smartphones and Tablets to the Printer

➔ [For Android device](#)

➔ [For iOS device](#)

For Android device

1. Open "Settings" menu on your device.
2. Enable "Wi-Fi".
3. Select wireless router SSID you use from detected device list.



4. Enter wireless LAN router password.
Your device is connected to the printer.
5. Start printing from application.

For iOS device

1. Open "Settings" menu on your device.
2. Enable "Wi-Fi".
3. Select wireless router SSID you use from detected device list.



4. Enter wireless LAN router password.

Your device is connected to the printer.

5. Start printing from application.

Connecting Smartphone/Tablet to Printer Directly (Wireless Direct)

You can connect devices (e.g. smartphone, or tablet) to the printer by two methods below.

- Wi-Fi connection (connecting devices using a wireless router)
- Wireless Direct connection (connecting devices without using a wireless router)

This section describes wireless direct, which allows you to print by connecting the devices to the printer directly.

▶▶▶ Important

- Check the usage restrictions and switch the printer to the wireless direct.
 - ➔ Restrictions
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- If a device has already been connected to the printer directly and you want to add a device to connect, connect it to the printer directly. You can connect up to 5 devices to the printer at the same time.

Connect with Wireless Direct

1. [Make sure printer is turned on.](#)
2. On the HOME screen, tap the **Network** icon.



Depending on the current LAN status, the icon displayed on the button may differ.

➔ [Home Screen Menu Composition](#)

3. Tap **Wireless Direct**.
4. Tap **Settings**.
5. Tap **Enable/disable Wireless Direct** and tap **Yes**.
6. Confirm displayed message and tap **OK**.

After Wireless Direct is enabled, the identifier (SSID) etc. when using the printer with wireless direct connection are displayed.

By flicking the touch screen, you can check various settings of wireless direct.

▶▶▶ Note

- The identifier (SSID) and password are specified automatically.
- By tapping **Show password**, you can check the password. The password is required when connecting a device to the printer. (Depending on the device you are using, no password is required.)
- By tapping **Settings**, you can change the following settings.
 - **Enable/disable Wireless Direct**
 - **Update SSID/password**
 - **Wireless Direct network (SSID)**
 - **Connection request confirmation**

For updating the SSID / password or changing the name of the printer displayed on Wi-Fi Direct compatible device, see [Change Wireless Direct Connection Setting](#).

Connecting Smartphone/Tablet to Printer

1. Turn on Wi-Fi communication on Wi-Fi Direct compatible device.

For more on turning on Wi-Fi communication, see your device's instruction manual.

2. Select "DIRECT-XXXX-GP-NNNN" ("X" represents alphanumeric characters, NNNN means your printer model name.) from list displayed on device.

▶▶▶ Note


- If "DIRECT-XXXX-GP-NNNN" does not appear on the list, wireless direct is not enabled. See [Connect with Wireless Direct](#) to enable wireless direct.
- You can change the name of the printer displayed on Wi-Fi Direct compatible devices. See [Change Wireless Direct Connection Setting](#) as necessary.

3. Enter password on Wi-Fi Direct compatible device.

The device is connected to the printer.

▶▶▶ Note

- You can check the password set for the printer by the following method.

1. On the HOME screen, tap  (**Network**).

2. Tap **Wireless Direct**.


3. Tap **Show password**.

- If your Wi-Fi Direct compatible device is set to prioritize using Wi-Fi Direct and it is connecting to the printer, the printer displays a confirmation screen asking if you allow the device to connect to the printer.

Make sure the name on the touch screen is the same as that of your Wi-Fi Direct compatible device and tap **Yes**.

Change Wireless Direct Connection Setting

1. [Make sure printer is turned on.](#)

2. On the HOME screen, tap  (**Network**).

➔ [Home Screen Menu Composition](#)

3. Tap **Wireless Direct**.

4. Tap **Settings**.

5. Change settings as necessary.

- To update the identifier (SSID) and the password for wireless direct

Tap **Update SSID/password** to display the confirmation screen.

To update the identifier (SSID) and the password, tap **Yes**.

To check the updated password, tap **Show password**.

- To change the printer's name displayed on the Wi-Fi Direct compatible device

Tap **Wireless Direct network (SSID)** to display the printer's name (the initial value is "DIRECT-XXXX-GP-NNNN") displayed on a Wi-Fi Direct compatible device.

Follow the procedure below to change the name.

1. Tap the device name entry field on the touch screen.
 2. Enter device name (up to 32 characters).
 3. Tap **OK** and confirm the entered device name.
 4. Tap **OK**.
- To change the confirmation screen setting when a Wi-Fi Direct compatible device is connecting to the printer

Tap **Connection request confirmation** to display the confirmation screen.

If you want the printer to display the screen to inform you a Wi-Fi Direct compatible device is connecting to the printer, tap **Yes**.

»»» Important

- To prevent an unauthorized access, we recommend you should not change the setting from the default.


When you finished performing the settings, the printer returns to the **Wireless Direct settings** screen.

▶▶▶ Note

- If you change the wireless direct setting on the printer, also change the setting on the device.

Change the Printer Setting to Wi-Fi Connection

1. [Make sure printer is turned on.](#)

2. On the HOME screen, tap  (Network).

➔ [Home Screen Menu Composition](#)

3. Tap **Wi-Fi**.
4. Tap **Settings**.
5. Tap **Enable/disable Wi-Fi** and tap **Enable**.
6. Confirm displayed message and tap **OK**.

Default Network Settings

LAN Connection Defaults

Item	Default
Enable/Disable LAN	Wired LAN enabled
Network name (SSID)	BJNPSETUP
Communication mode	Infrastructure
Wi-Fi security	Disable
IP address (IPv4)	DHCP
IP address (IPv6)	Auto setup
Set printer name *1	XXXXXXXXXXXX
Enable/disable IPv6	Enable
Enable/disable WSD	Disable
Timeout settings	15 minutes
Enable/disable Bonjour	Enable
Service name	Canon GP-NNNN *2
LPR protocol settings	Enable
Wi-Fi DRX settings	Enable
Wired LAN DRX settings	Enable

("XX" represents alphanumeric characters.)

*1 Default value depends on printer. To check value, use operation panel.

➔ [LAN settings](#)

*2 NNNN means your printer model name.

Wireless Direct Defaults

Item	Default
Network name (SSID)	DIRECT-abXX-GP-NNNN *1
Password	YYYYYYYYYY *2
Wi-Fi security	WPA2-PSK (AES)
Connection request confirmation	Displayed

*1 "ab" is specified at random and "XX" represents last two digits of printer's wireless MAC address.
NNNN means your printer model.

*2 The password is specified automatically when the printer is turned on for the first time.

Another Printer Found with Same Name

When the printer is found during setup, other printers with the same name may appear on the results screen.

Select a printer with checking the printer settings against those on detection result screen.

Check the printer's MAC address or serial to select the correct printer from the results.

▶▶▶ Note

- Serial number may not appear on result screen.

Check the printer's MAC address and the serial number by one of the following methods.

- Display on the touch screen.
 - MAC address
 - Serial number

Refer to **Printer information > System information**.

- ➡ [LAN settings](#)
- ➡ [Printer information](#)
- Print the network settings.
 - ➡ [Printing Network Settings](#)

Connecting to Another Computer via LAN/Changing from USB to LAN Connection

For Windows:

To add a computer to connect to the printer on a LAN or to change from USB to LAN connection, perform setup using the Setup CD-ROM or from Setup Guide.

For macOS:

To connect an additional computer to the printer via LAN, or to change from USB to LAN connection, perform setup from Setup Guide.

Printing Network Settings

Use the operation panel to print the printer's current network settings.

▶▶▶ Important

- The network settings printout contains important information about your network. Handle it with care.

1. [Check that printer is turned on.](#)


2. Load plain paper.

➔ [Loading Rolls on the Roll Holder](#)

➔ [Loading Rolls in the Printer](#)

If you use sheets, prepare at least 10 sheets (A4 or Letter-sized).

➔ [Loading Sheets in the Printer](#)

3. Select  (**Setup**) icon on HOME screen.

4. Select **Printer settings**.

5. Select **LAN settings**.


6. Select **Print details**.

7. Select **Yes** on displayed screen.

8. Select **Yes** or **No** on displayed screen.

The printer starts printing network settings information.

▶▶▶ Note

- You can also print the printer's network settings. Select the  (**Setup**) icon > **Printer settings** > **Test print** > **Print LAN details** > **Yes** > **Yes**.

The printed network settings information is as follows: (Some setting values are not displayed depending on the printer settings.)

Item	Description	Setting
LAN Setting	Basic setting information	-
Basic Info	IPv4 setting information (Wired LAN)	-
LAN Interface Mode	Current interface	Wired LAN/Wireless LAN(Infra)/Wireless LAN(AP)/Wireless(Wireless direct)/Disabled

Link Active	Operation status	Active/Inactive
IP Address	IPv4 IP address	XXX.XXX.XXX.XXX
Gateway Address	IPv4 default gateway	XXX.XXX.XXX.XXX
Subnet Mask	IPv4 subnet mask	XXX.XXX.XXX.XXX
IP Mode	Acquiring method of IPv4 IP address	Auto IP/DHCP/Manual
Use DNS Auto Mode	Acquiring DNS server automatically	On/Off
Primary DNS Server Address	Primary DNS server address	XXX.XXX.XXX.XXX
Secondary DNS Server Address	Secondary DNS server address	XXX.XXX.XXX.XXX
Control Filtering	SNMP filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IP Filtering Permission Address	IP filtering permission address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
IP Filtering Prohibit Address	IP filtering prohibit address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX

End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
LAN Setting	Basic setting information	-
Basic Info	IPv4 setting information (Wired LAN)	-
Control Filtering	SNMP filtering setting information	-
IP Filtering Prohibit Address	IP filtering prohibit address	-
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
Print Filtering	Print filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IP Filtering Permission Address	IP filtering permission address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX

End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
IP Filtering Prohibit Address	IP filtering prohibit address	-
Start Address 1	Start address 1	XXX.XXX.XXX.XXX
End Address 1	End address 1	XXX.XXX.XXX.XXX
Use Single On 1	Use single on 1	On/Off
Start Address 2	Start address 2	XXX.XXX.XXX.XXX
End Address 2	End address 2	XXX.XXX.XXX.XXX
Use Single On 2	Use single on 2	On/Off
Start Address 3	Start address 3	XXX.XXX.XXX.XXX
End Address 3	End address 3	XXX.XXX.XXX.XXX
Use Single On 3	Use single on 3	On/Off
Start Address 4	Start address 4	XXX.XXX.XXX.XXX
End Address 4	End address 4	XXX.XXX.XXX.XXX
Use Single On 4	Use single on 4	On/Off
Start Address 5	Start address 5	XXX.XXX.XXX.XXX
End Address 5	End address 5	XXX.XXX.XXX.XXX
Use Single On 5	Use single on 5	On/Off
LAN Setting	Basic setting information	-
IPv6 Info	IPv6 setting information (Wired LAN)	-
Link Local Address	Link local address	-
IP Address	IPv6 IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX

Prefix Length	Link local address prefix length	XXX (0 to 128)
Use Manual Mode	Operation status of IPv6 manual address	On/Off
Manual Address	Manual address	-
IP Address	IPv6 IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length	Prefix length	XXX (0 to 128)
Use Stateful Address Mode	Operation status of stateful address mode	On/Off
Stateful Address	Stateful address	-
IP Address	IPv6 IP address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length	Prefix length	XXX (0 to 128)
Stateless Address	Stateless address	-
IP Address 1	IP address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 1	Prefix length 1	XXX (0 to 128)
IP Address 2	IP address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 2	Prefix length 2	XXX (0 to 128)
IP Address 3	IP address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 3	Prefix length 3	XXX (0 to 128)
IP Address 4	IP address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 4	Prefix length 4	XXX (0 to 128)
Gateway Address	Gateway address	-
IP Address 1	IP address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 1	Prefix length 1	XXX (0 to 128)
IP Address 2	IP address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 2	Prefix length 2	XXX (0 to 128)

IP Address 3	IP address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 3	Prefix length 3	XXX (0 to 128)
IP Address 4	IP address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Prefix Length 4	Prefix length 4	XXX (0 to 128)
Use DNS Auto Mode	Acquiring DNS server automatically	On/Off
Primary DNS Server Address	Primary DNS server address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Secondary DNS Server Address	Secondary DNS server address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Control Filtering	SNMP filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IPv6 Filtering Permission Info	IPv6 filtering permission information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
LAN Setting	Basic setting information	-
IPv6 Info	IPv6 setting information (Wired LAN)	-
Control Filtering	SNMP filtering setting information	-
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX

Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off
IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
IPv6 Filtering Prohibit Info	IPv6 Filtering prohibit information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off

IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
Print Filtering	Print filtering setting information	-
Use IP Filtering	Operation status of IP filtering	On/Off
IP Filtering Select	IP filtering method	Disabled/Enabled
IP Filtering Permission Info	IP filtering permission information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
LAN Setting	Basic setting information	-
IPv6 Info	IPv6 setting information (Wired LAN)	-
Print Filtering	Print filtering setting information	-
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off

IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
IPv6 Filtering Prohibit Info	IPv6 Filtering prohibit information	-
IP Filtering Start Address 1	IP filtering start address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 1	IP filtering end address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 1	Use single on 1	On/Off
IP Filtering Start Address 2	IP filtering start address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 2	IP filtering end address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 2	Use single on 2	On/Off
IP Filtering Start Address 3	IP filtering start address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 3	IP filtering end address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 3	Use single on 3	On/Off
IP Filtering Start Address 4	IP filtering start address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 4	IP filtering end address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 4	Use single on 4	On/Off
IP Filtering Start Address 5	IP filtering start address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
IP Filtering End Address 5	IP filtering end address 5	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
Use Single On 5	Use single on 5	On/Off
MAC Info	MAC address setting information (Wired/ Wi-Fi)	-

MAC Address(Wired)	MAC address (Wired LAN)	XX:XX:XX:XX:XX:XX
MAC Address(Wireless)	MAC address (Wi-Fi)	XX:XX:XX:XX:XX:XX
Use MAC Address Filtering	Operation status of MAC address filtering	On/Off
MAC Filtering Select	MAC address filtering method	Disabled/Enabled
MAC Filtering Permission Info	MAC filtering permission information	-
MAC Address 1	MAC address 1	XX:XX:XX:XX:XX:XX
MAC Address 2	MAC address 2	XX:XX:XX:XX:XX:XX
MAC Address 3	MAC address 3	XX:XX:XX:XX:XX:XX
MAC Address 4	MAC address 4	XX:XX:XX:XX:XX:XX
MAC Address 5	MAC address 5	XX:XX:XX:XX:XX:XX
LAN Setting	Basic setting information	-
MAC Info	MAC address setting information (Wired/ Wi-Fi)	-
MAC Filtering Prohibit Info	MAC filtering prohibit information	-
MAC Address 1	MAC address 1	XX:XX:XX:XX:XX:XX
MAC Address 2	MAC address 2	XX:XX:XX:XX:XX:XX
MAC Address 3	MAC address 3	XX:XX:XX:XX:XX:XX
MAC Address 4	MAC address 4	XX:XX:XX:XX:XX:XX
MAC Address 5	MAC address 5	XX:XX:XX:XX:XX:XX
Proxy Setting	Proxy server setting information	-
Use Proxy	Use proxy server	On/Off
Proxy Server Address	Proxy server address	XXXXXXXXXXXXXXXXXXXX (up to 128 characters)
Proxy Port Number	Proxy port specification	1 to 65535
Use User Authority Mode	Use user authority mode	On/Off
Proxy Server User Name	Proxy server user name	XXXXXXXXXXXXXXXXXXXX (up to 64 characters)
Wireless LAN Setting	Wi-Fi setting information	-
Channel	Channel (infrastructure)	XXX (0 to 255)
SSID	SSID	Wi-Fi (infrastructure) SSID (up to 32 characters)

Security Type	Security type for Wi-Fi (infrastructure)	Disabled/WEP 64bit/WEP 128bit/WPA PSK TKIP/WPA PSK AES/WPA2 PSK TKIP/WPA2 PSK AES/MIXED
WEP1	WEP key 1 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP2	WEP key 2 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP3	WEP key 3 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP4	WEP key 4 for Wi-Fi (infrastructure)	XXXXXXXX (up to 32 characters)
WEP Certificate	WEP certificate for Wi-Fi (infrastructure)	Open/Shared/Auto
WEP Format	WEP format for Wi-Fi (infrastructure)	Hex/String
Direct Connection Setting	Wireless direct setting information	-
Device Name	Wireless direct device name	Wireless direct device name (up to 32 characters)
Channel	Channel (Wireless direct)	XXX (0 to 255)
SSID	SSID	Wireless direct network name (SSID) device name (up to 32 characters)
Security Type	Security type for Wi-Fi (Wireless direct)	Disabled/WPA2 PSK TKIP/WPA2 PSK AES
WSD Setting	WSD setting information	-
Use WSD	Use WSD	On/Off
WSD Timeout	Timeout	1/5/10/15/20 [min]
Use WSD Rx Optimization	Use WSD reception optimization	On/Off
Protocol Setting	Protocol setting information	-
Printer Name	Printer name	XXXXXXXX (up to 16 characters)
Use LPR	Use LPR	On/Off
Use Wired DRX	Discontinuous reception (Wired LAN)	On/Off
Use Wireless DRX	Discontinuous reception (Wi-Fi)	On/Off
Use RAW	Use RAW	On/Off
Use LLMNR	Use LLMNR	On/Off
Use Spanning Tree	Use spanning tree	On/Off
Use Dedicated Port	Dedicated port setting	On/Off
SNMP Setting	SNMP setting information	-

Use SNMPv1	Use SNMPv1	On/Off
Use SNMPv3	Use SNMPv3	On/Off
SNMP Community Name1	SNMPv1 community name 1	XXXXXXXX (up to 32 characters)
SNMP Community Name2	SNMPv1 community name 2	XXXXXXXX (up to 32 characters)
SNMP Extra Access Authority	SNMPv1 extra access authority	Disable/Read Only/Read Write
SNMP Access Authority1	SNMPv1 community1/2 access authority	Read Only/Read Write
SNMP Access Authority2	SNMPv1 community1/2 access authority	Disable/Read Only/Read Write
SNMPv3 Setting	SNMPv3 setting information	-
User1	User 1	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User2	User 2	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User3	User 3	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES

User4	User 4	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
User5	User 5	-
User Name	User name	XXXXXXXX (up to 32 characters)
Use SNMPv3	Use SNMPv3	On/Off
MIB Access Restriction	MIB access restriction	Read Only/Read Write
Security Setting	Security setting	No Auth No Priv/Auth No Priv/Auto Priv
Authority Algorithm	Authority algorithm	Null/MD5/SHA1
Encryption Algorithm	Encryption algorithm	Null/AES/DES
Dynamic DNS Setting	Dynamic DNS setting	-
IPv4	IPv4	-
Use Dynamic DNS	Operation status of Dynamic DNS	On/Off
Host Name	Host name	XXXXXXXX (up to 64 characters)
Domain Name	Domain name	XXXXXXXX (up to 65 characters)
IPv6	IPv6	-
Use Manual Address	DNS dynamic setting of manual address	On/Off
Use Stateless Address	DNS dynamic setting of stateless address	On/Off
Use Stateful Address	DNS dynamic setting of stateful address	On/Off
Use Name As IPv4	Use same host name/domain name as that used for IPv4	On/Off
Host Name	Host name	XXXXXXXX (up to 64 characters)
Domain Name	Domain name	XXXXXXXX (up to 65 characters)
SNTP Setting	SNTP setting information	-
Use SNTP	Use SNTP	On/Off
SNTP Polling Interval	SNTP polling interval	1 to 48 [sec]

SNTP Server Name	SNTP server name	XXXXXXXX (up to 256 characters)
FTP Setting	FTP setting information	-
Use FTP	Use FTP	On/Off
Use FTP Authority	Use FTP authority	On/Off
FTP User Name	FTP user name	XXXXXXXX (up to 33 characters)
Bonjour Setting	Bonjour setting information	-
Use Bonjour	Use Bonjour	On/Off
Bonjour Service Name	Bonjour service name	Bonjour service name (Up to 50 alphanumeric characters)
802.1X Setting	802.1X setting information	-
Authority Type	Enable/disable 802.1X and authority type	Do not use/EAP-TLS/EAP-TTLS/PEAP
EAP TTLS Type	Internal authority type for EAP-TTLS	MSCHAPv2/PAP
Weak Encryption Restriction	Weak encryption restriction	Do not restrict/Restrict
Weak Certificate Restriction	Weak certificate restriction	Do not restrict/Restrict
Login Name	Login name	XXXXXXXX (up to 24 characters)
User Name	User name	XXXXXXXX (up to 24 characters)
Server Name	Server name	XXXXXXXX (up to 43 characters)
IPsec Setting	IPsec setting information	-
Use IPsec	Use IPsec	On/Off
Previous Shared Key	Previous shared key for IPsec	XXXXXXXX (up to 17 characters)
Phase2 Protocol	IPsec phase2 protocol	AH/ESP/AH+ESP
IPP Setting	IPP confirmation setting	-
Use IPP	Use IPP	On/Off
Use IPP Authority	Use IPP authority	On/Off
IPP User Setting	IPP confirmation user setting	-
User1	User 1	-
User Name	User name	XXXXXXXX (up to 32 characters)
User2	User 2	-
User Name	User name	XXXXXXXX (up to 32 characters)
User3	User 3	-

User Name	User name	XXXXXXXX (up to 32 characters)
User4	User 4	-
User Name	User name	XXXXXXXX (up to 32 characters)
User5	User 5	-
User Name	User name	XXXXXXXX (up to 32 characters)
User6	User 6	-
User Name	User name	XXXXXXXX (up to 32 characters)
User7	User 7	-
User Name	User name	XXXXXXXX (up to 32 characters)
User8	User 8	-
User Name	User name	XXXXXXXX (up to 32 characters)
User9	User 9	-
User Name	User name	XXXXXXXX (up to 32 characters)
User10	User 10	-
User Name	User name	XXXXXXXX (up to 32 characters)
Email Setting	E-mail setting information	-
Retry Count	E-mail retry count	0 to 5
Retry Interval	E-mail retry interval	1 to 60 (min)
Use Email Notification	Use E-mail notification	On/Off
Use SSL	Use SSL	On/Off
Use SSL Cert No Check	Use SSL certification	On/Off
Use Mailbox Delete	Use mailbox delete	On/Off
SMTP Server Address	SMTP server address	XXXXXXXX (up to 256 characters)
SMTP Server Port No	SMTP server port number	1 to 65535
SMTP State	SMTP state	Invalid/Authorized/POP before SMTP
From Address	From address	XXXXXXXX (up to 128 characters)
To Address 1	To address 1	XXXXXXXX (up to 128 characters)
Reply Address 1	Reply address 1	XXXXXXXX (up to 128 characters)
Notice Conditions 1	Notice conditions 1	-

Job End	Job end	On/Off
Error Occurred	Error occurred	On/Off
Warning Occurred	Warning occurred	On/Off
Signature 1	Signature 1	XXXXXXXX (up to 128 characters)
To Address 2	To address 2	XXXXXXXX (up to 128 characters)
Reply Address 2	Reply address 2	XXXXXXXX (up to 128 characters)
Notice Conditions 2	Notice conditions 2	-
Job End	Job end	On/Off
Error Occurred	Error occurred	On/Off
Warning Occurred	Warning occurred	On/Off
Signature 2	Signature 2	XXXXXXXX (up to 128 characters)
RUI Setting	Remote UI setting information	-
Use RUI	Use Remote UI	On/Off

("XX" represents alphanumeric characters.)

Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

- ➔ [Changing LAN Connection Method](#)
- ➔ [Changing Wi-Fi Connection Method](#)

Changing LAN Connection Method

Follow either procedure below to change LAN connection method (wired or wireless).

- **For Windows:**

- Redo setup using the Setup CD-ROM or from Setup Guide.
- Select **Enable** for **Enable/disable Wired LAN** or **Enable/disable Wi-Fi** in the touch screen menu.

After that, perform settings on the **Network Settings** screen on IJ Network Device Setup Utility.

For details, refer to "Performing/Changing Network Settings" > "Performing Network Settings" in IJ Network Device Setup Utility Guide.

➔ [IJ Network Device Setup Utility Guide](#)

- **For macOS:**

Redo setup from Setup Guide.

Changing Wi-Fi Connection Method

Follow either procedure below to change Wi-Fi connection method (infrastructure or wireless direct).

- **For Windows:**

- Redo setup using the Setup CD-ROM or from Setup Guide.
- Perform settings on the **Network Settings** screen on IJ Network Device Setup Utility.

➤➤➤ Important

- Before you perform settings using IJ Network Device Setup Utility, change the printer settings following the procedure below.

1. Select **LAN settings** on HOME screen.

➔ [Home Screen Menu Composition](#)

If you specify the administrator password, enter the password.

2. Select **Wi-Fi**.

3. Select **Settings**.

4. Select **Wi-Fi setup**.

5. Select **Easy wireless connect.**

6. Check message and select **OK.**

Follow instructions on your smartphone or tablet.

7. If message saying setup is completed appears, select **OK.**

- **For macOS:**

Redo setup from Setup Guide.

Countermeasures against Unauthorized Access

This section describes countermeasures against an unauthorized access to the printer from outside. When you use the printer via a network or you are an administrator, we recommend you read this section before using the printer.

Four countermeasures below can be helpful against an unauthorized access.

- ➔ [Specify a Private IP Address](#)
- ➔ [Restrict Communication Using Firewall or Wi-Fi Router](#)
- ➔ [Specify a Password for the Printer](#)
- ➔ [Apply higher security level for Wi-Fi connection](#)

▶▶▶ Note

- As the setting procedure described below is an example, it may be different from that of your printer. For details, refer to your printer's manual.

Specify a Private IP Address

An IP address is a numeric label assigned to each device on the network. There are two types of IP address. One is used for internet connection ("global IP address"), and the other is used for a local area network such as an inhouse LAN ("private IP address").

If a global IP address is specified for the printer, many and unspecified users on internet can access to the printer. As a result, you will face an increased risk of information leakage caused by an unauthorized access from outside. On the other hand, if a private IP address is specified for the printer, users who can access to the printer are confined to those on a local area network such as an inhouse LAN. Therefore, we recommend you specify a private IP address for the printer.

The range of addresses used as a private IP address is shown below. Make sure whether a private IP address is specified for your printer.

Range of private IP address

- 10.0.0.0 to 10.255.255.255
- 172.16.0.0 to 172.31.255.255
- 192.168.0.0 to 192.168.255.255

Procedure to check the IP address

Select **Setup > Device settings > LAN settings** on your printer to select a network connection method and check the IP address. For the procedure to check and specify the IP address, refer to your printer's manual.

▶▶▶ Note

- Establishing an environment to protect an access from outside using a firewall can reduce a risk of an unauthorized access even though a global IP address is specified for your printer.

Restrict Communication Using Firewall or Wi-Fi Router

Firewall is a system which prevents an unauthorized access from an external network user to protect an inhouse network against attack or intrusion.

Firewall enables your network to be protected against an unauthorized access by restricting a communication from the specific external IP address which seems to have a risk.

A home use Wi-Fi router has a similar function. Be careful when you change the settings.

Specify a Password for the Printer

Even if a malicious third party accesses to your printer by any chance, you can reduce a risk of information leakage drastically by specifying a password to protect various information on your printer.

In addition, though the printer can be protected by specifying a password, it is important to manage the specified password for security. Manage your password referring to the four points below. For details, refer to your printer's manual.

- Be sure to change the default password.
- Change the password periodically.
- Do not use a password easy to guess for a third party.
- Do not tell a third party about the specified password casually.

▶▶ Note

- A password is not specified for some printers at the time of purchase. In this case, specify the password for the printer.
- A password cannot be specified for some printers.

Password management using Remote UI (User Interface)

Remote UI is a software to access to the printer via a network by using a web browser. You can check the printer status or settings on Remote UI, which allows you to perform operations almost the same as those you can on the operation panel of the printer.

Entering the printer's IP address or host name on the web browser displays the portal page of Remote UI.

For the procedure to start up or operations of Remote UI, refer to your printer's manual.

▶▶▶ Important

- Do not access to a website while you are using Remote UI on the web browser.
In addition, be sure to close the web browser when you leave your seat before you finish performing settings, or when you have finished performing settings.

Apply higher security level for Wi-Fi connection

When you use the printer via Wi-Fi, we recommend you apply a security method with higher security level (e.g. WPA/WPA2).

For more on operations, refer to your printer's manual.

Network Status and Troubleshooting

Check the network status referring to LAN setting information on the touch screen.

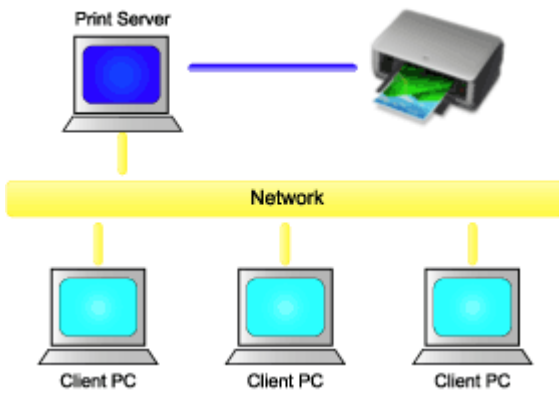
➔ [Printing Network Settings](#)

Network Status	What to Do
<p>Connected normally.</p> <p>If you are unable to print, see 1 on What to Do.</p>	<p>1. If you are unable to print, check the items below:</p> <ul style="list-style-type: none"> • whether the computer is connected to Wi-Fi • whether the firewall of your security software is enabled • whether a privacy separator, SSID separator, or Network separation function is enabled on your wireless router <p>If one of the above is enabled, disable it before setup.</p> <ul style="list-style-type: none"> • whether the network name (SSID) of the printer (see "3-2-6" of network setting information printout) matches that of the router to connect <p>2. To change the network connection method (wired/wireless), change it on the printer's network setting screen.</p>
<p>Wi-Fi is disabled on the printer.</p>	<p>Perform printer setup following the instructions of the manual.</p>
<p>Wired LAN connection is disabled.</p>	<ul style="list-style-type: none"> • Make sure the printer is connected to the router with the LAN cable. <p>If the LAN cable is loose, connect the cable properly.</p> <p>If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.</p> <ul style="list-style-type: none"> • Make sure the network devices (e.g. hub or router) are turned on.
<p>IP address is not assigned.</p>	<ul style="list-style-type: none"> • If you specify the printer's IP address automatically, enable DHCP on the router. • If you specify the printer's IP address manually, the address is disabled because it is out of the valid range. You specified (0.0.0.0) as the IP address, for example. <p>Specify the valid IP address.</p>
<p>The default gateway is not specified.</p>	<p>Check the items below to communicate by hopping routers (e.g. using a cloud application).</p> <ul style="list-style-type: none"> • Make sure the device specified as the default gateway is turned on. • Specify the default gateway address correctly. <p>To check the default gateway, print out the network settings information.</p> <p>▶▶▶ Note</p> <ul style="list-style-type: none"> • For some printers, you can check the default gateway on the operation panel.
<p>Cannot connect to the specified network.</p>	<p>Check the status of the printer, network devices (e.g. wireless router), or smartphone/tablet.</p> <ul style="list-style-type: none"> • If they are turned off, turn them on. • Make sure wireless signal is strong. <p>Monitor signal status and move the printer and wireless router as necessary.</p> <ul style="list-style-type: none"> • The security key specified for the wireless router may not match that you entered. <p>The security key is case-sensitive.</p>

	Enter the correct security key.
Make sure wireless signal is strong.	<ul style="list-style-type: none"> • Make sure the printer is not placed too far away from the wireless router. • Monitor signal status and move the printer and wireless router as necessary.
The number of connected clients reaches the upper limit.	<ul style="list-style-type: none"> • Wireless Direct does not allow more than 5 devices to be connected. <p>If you add a device to connect, disconnect a device you do not use before adding the device.</p>
The signal to noise ratio (S/N ratio) is low.	<ul style="list-style-type: none"> • There is a lot of noise from other devices. <p>Move the printer apart from other devices.</p>
A link local address is assigned.	<ul style="list-style-type: none"> • Perform printer setup again. • The security key specified for the wireless router may not match that you entered. <p>The security key is case-sensitive.</p> <p>Enter the correct security key.</p>
The specified network name (SSID) is left default value.	<p>The network name (SSID) is not specified.</p> <p>Enter the network name (SSID) specified for the destination.</p>

Sharing the Printer on a Network (Windows)

When computers are used in a network environment, documents can be printed from multiple computers that share a single printer.



- [Setting Up a Shared Printer](#)

This section describes how to set up the print server and the client.

►►► Note

- The Windows versions of the computers connected to the network do not necessarily have to be the same.

Related Topic

- ➔ [Restrictions on Printer Sharing](#)

Setting Up a Shared Printer

On the print server, set up sharing of the printer driver. Then from the client, set up the connection to the print server.

1. [Install the printer driver](#) on the print server system

2. Display the **Devices and Printers** window

Select the **Control Panel** -> **Hardware and Sound (Hardware)** -> **Devices and Printers**.

The **Devices and Printers** window is displayed.

3. Click the icon for the model name of printer to be shared

Press the Alt key, and from the displayed **File** menu, select **Printer properties** -> **Sharing** tab.

►►► Important

- When starting up the software and performing install or uninstall, a confirmation or warning dialog box may appear.
This dialog box appears when administrative rights are required to perform a task.
When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue.
Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

4. Set sharing

On the **Sharing** tab, check (or select) **Share this printer**, set the shared name as necessary, and then click **OK**.

5. If the print server and the client have different architectures (32 bit or 64 bit), install an additional driver

1. Display the **Devices and Printers**, **Printers**, or **Printers and Faxes** window.
2. Select the printer icon, click **Print server properties**, and select the **Drivers** tab.
3. Click **Add...**
4. When the **Add Printer Driver Wizard** window is displayed, click **Next**.
5. If the print server has a 32-bit architecture, select **x64**. If the print server has a 64-bit architecture, select **x86**. Then click **Next**.
6. Click **Have Disk...**
7. In the **Install From Disk** window, open the "Driver" folder of the downloaded printer driver, specify the "inf" file, and click **OK**.

»» Note

- If the printer server is 32-bit, specify it as "xxxxxxx3.INF". If it is 64-bit, specify it as "xxxxxxx6.INF".

8. Select the printer to be used, and click **Next**.

»» Note

- If an error message is displayed, select the other printer.

9. Click **Finish**

The setup on the print server system is complete. Next, set up the client systems.

6. On the client, open Explorer, and double-click the icon of the printer to be shared

7. Follow the window instructions, and install the printer driver

The setup on the client system is complete.

Even when you perform the setup on a different client, follow the same steps 6 and 7.

Restrictions on Printer Sharing

These are restrictions that apply when you are using a printer in a network environment. Check the restrictions for the environment you are using.

Restriction on setting up printer sharing

- If "ntprint.inf" is requested when you install the driver from **Add Printer**, specify the file as follows:
 1. Start Explorer on the print server and on the client with the different architecture, paste the following path in the address bar, and press Enter on the keyboard:
%windir%\system32\driverstore\
 2. Right-click the **FileRepository** folder, and click **Properties**.
 3. On the **Sharing** tab, click **Share**.
 4. In the message window displayed on the print server, specify "ntprint.inf_xxxxxxx" in the folder that was shared in step 3, and click **OK**.
If there are multiples copies, select the file with the latest update date and time.

Restrictions on sharing and using a printer

- A print completion message may be displayed. To disable the message display, follow the procedure below.
 1. In the **Control Panel -> Hardware and Sound (Hardware) -> Devices and Printers** window of the client system, select the printer, and click **Print server properties** on the command bar.
 2. Uncheck **Show informational notifications for network printers** on the **Advanced** tab, and then restart the computer.
- The bi-directional communication function is disabled and the correct printer status may not be recognized.
If a client user opens the printer driver properties and then clicks **OK** with the **Enable bidirectional support** check box cleared on the **Ports** tab, the bidirectional communication function of the print server may also be disabled.
In this case, check **Enable bidirectional support** check box on both the print server system and the client system.
- When you print from a client system, the following functions cannot be used.
 - The **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab
- When the functions on the **Device Settings** tab cannot be set properly from a client system, they may be grayed out. In this case, change the settings from the print server.
When you change the settings of the print server, you should delete the icon of the shared printer from the client system, and then specify the shared settings again in the client system.
- If the same driver installed on the print server is also installed on the client, the network printer icon may be created automatically.
- If an error occurs when you print a document on a shared printer from a client, the error message of the Canon IJ status monitor is displayed on both the client and the print server. If a document is printed out normally, the Canon IJ status monitor is displayed only on the client.

Adjustments for Better Print Quality

➤ **Adjusting the Print Head**

- Adjusting the Print Head
- Troubleshooting Paper Abrasion and Blurry Images

➤ **Adjusting Feed Amount**

- Adjusting Feed Amount
- Adjusting Vacuum Strength

Adjusting the Print Head

- **Adjusting the Print Head**
- **Troubleshooting Paper Abrasion and Blurry Images**

Adjusting the Print Head

If printed documents are affected by the following problems, try adjusting the print head.

- **If printing is faint or affected by banding in different colors**

Execute **Nozzle Check** in the touch screen menu to check for print head nozzle clogging.

➔ [Checking for Nozzle Clogging](#)

- **If printed lines are misaligned**

Execute **Print head angle adjustment** in the touch screen menu to adjust the print head angle.

Always adjust the print head angle after replacing the print head.

➔ [Adjusting Line Misalignment](#)

After executing **Print head angle adjustment**, adjust the print head position.

➔ [Automatic Adjustment to Straighten Lines and Colors](#)

➔ [Manual Adjustment to Straighten Lines and Colors](#)

- **If printed vertical lines are warped or colors are out of alignment**

Execute **Print Head Alignment** in the touch screen menu to adjust the print head position.

First, execute **Auto (standard)** of **Print Head Alignment**. If the print result is not improved, execute **Auto (advanced)** or **Manual**.

➔ [Automatic Adjustment to Straighten Lines and Colors](#)

➔ [Manual Adjustment to Straighten Lines and Colors](#)

- **If paper rubs against the print head, or image edges are blurred**

Setting **Paper thickness (head height)** in the touch screen menu and changing the height of the print head may improve the situation.

➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Adjusting Line Misalignment

If printed lines are misaligned, execute **Print head angle adjustment** to adjust the print head angle. **Print head angle adjustment** requires you to examine a printed test pattern and adjust the angle using the angle adjustment lever.

Always adjust the print head angle after replacing the print head.

▶▶▶ Important

- Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.
- When using cut sheets, do not move the release lever until instructions (guidance) for removing the paper are displayed.

Moving the release lever during printing or maintenance operations will cause the printer to stop.

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

1 sheet of unused paper of at least A4/Letter size

Perform adjustment as follows.

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

▶▶▶ Important

- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Tap **(Setup) > Maintenance** on HOME screen.

- ➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

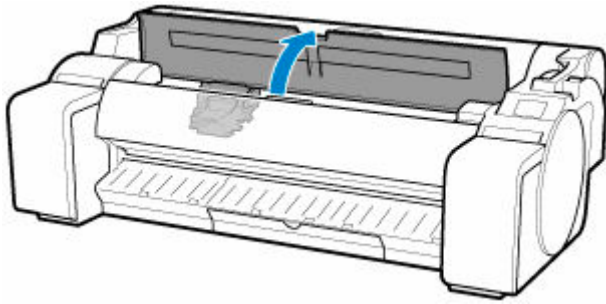
3. Tap **Print head angle adjustment**.

A confirmation message appears.

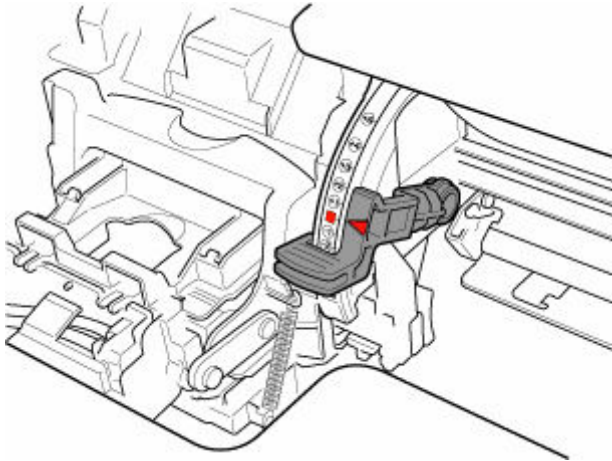
4. Tap **Yes**.

The carriage moves and instructions for the print head angle adjustment procedure are displayed on the touch screen.

5. Open the top cover.



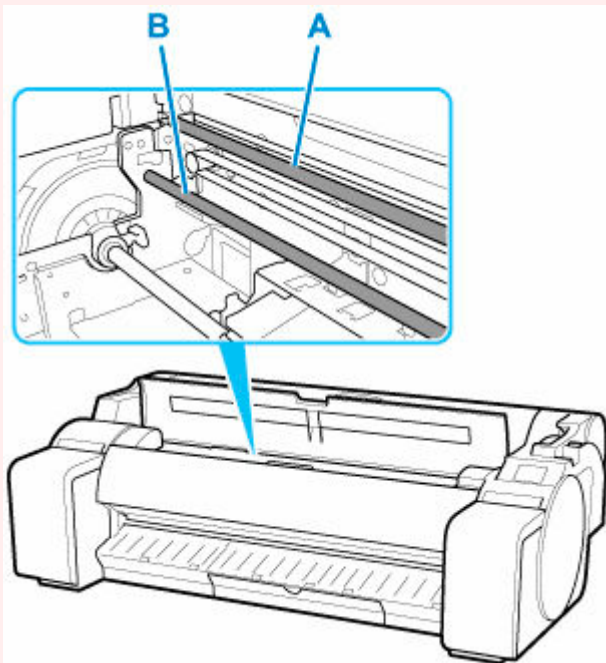
6. Align the angle adjustment lever with the red square and close the top cover.



A test pattern is printed for adjustment.

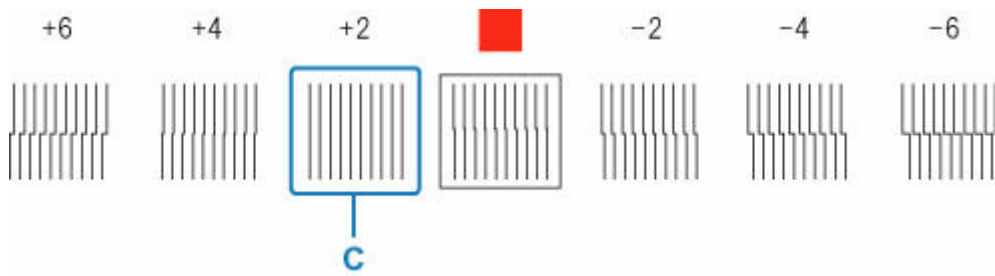
»» Important

- Do not touch the linear scale (A) or carriage shaft (B). Touching these may cause malfunction.

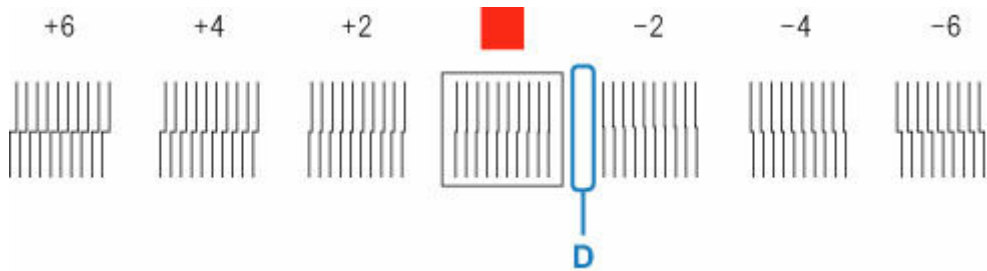


7. Examine the test pattern for adjustment. Determine the straightest set of lines.

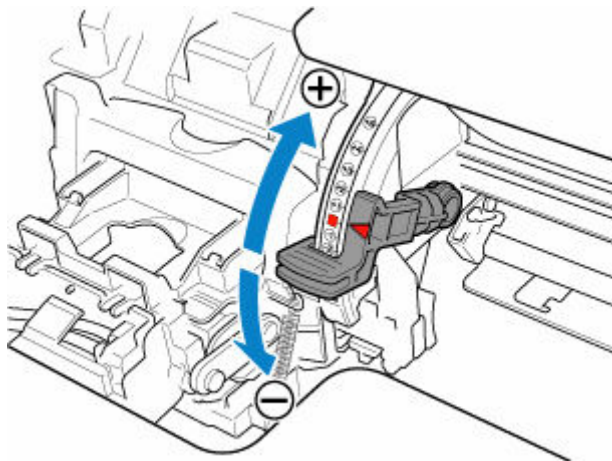
Example 1: Select "+2" in pattern (C).



Example 2: Move the angle adjustment lever to a position between the numbers or between the number and the square (D) of the two sets of lines that are least misaligned. In this case, select -1.

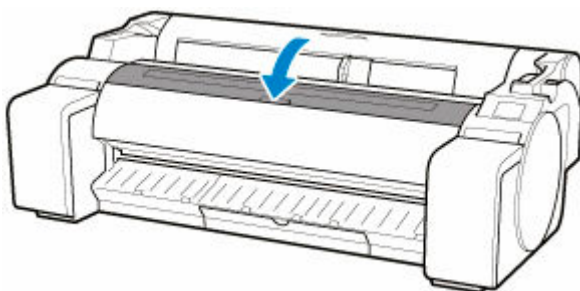


8. Open top cover and move angle adjustment lever to match number (or square) of straightest set of lines.



9. Close the top cover.

The print head is now straight, and adjustment is complete.



»» Note

- If the problem, such as misaligned lines or color unevenness, is not solved after adjustment, execute **Print head angle adjustment** and move the angle adjustment lever in the front or the rear of the last position. When finished, execute **Print Head Alignment** again.

Automatic Adjustment to Straighten Lines and Colors

If printed vertical lines are warped or colors are out of alignment, execute **Print Head Alignment** and adjust the print head position.

Choose from **Auto (standard)** or **Auto (advanced)** for automatically adjusting the print head.

Minor warping and misaligned colors can usually be improved by executing **Auto (standard)**. If there is no improvement, perform **Auto (advanced)** or **Manual**.

➔ [Manual Adjustment to Straighten Lines and Colors](#)

When you execute **Auto (standard)** or **Auto (advanced)**, the adjustment pattern is printed, and the print head position is adjusted based on the printing result automatically.



►► Important

- If the problem, such as misaligned lines, is conspicuous, or other problem, such as color unevenness, is not solved after executing **Print Head Alignment**, execute **Print head angle adjustment** and then execute **Print Head Alignment** again.

➔ [Adjusting Line Misalignment](#)

- Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.
- This function is not available with Tracing Paper, Translucent Matte Film, or Clear Film.
- When using cut sheets, do not move the release lever until instructions (guidance) for removing the paper are displayed.

Moving the release lever during printing or maintenance operations will cause the printer to stop.

►► Note

- After print head replacement, we recommend executing **Print Head Alignment**. When **Print pattern after new head** is set to **ON**, print head position adjustment is automatically executed after print head replacement.
- To change the paper type or for more beautiful color borders, perform **Auto (standard)**.
- To ensure clear quality and when replacing the print head, perform **Auto (advanced)** to fine-tune the position between nozzles and colors. To ensure high-quality printing, we recommend that you execute **Auto (advanced)**.
- If adjustment is not possible as expected using special paper, try another type of paper or try **Manual** adjustment.

➔ [Manual Adjustment to Straighten Lines and Colors](#)

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

Auto (standard): 2 sheets of unused paper, A4/Letter size or larger (or 1 sheet when using A2 or larger)

Auto (advanced): 3 sheets of unused paper, A4/Letter size or larger (or 1 sheet when using A2 or larger)

Perform adjustment as follows.

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

▶▶▶ Important

- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Tap **(Setup) > Maintenance** on HOME screen.

- ➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

3. Tap **Print Head Alignment**.

4. Tap **Auto (standard)** or **Auto (advanced)**.

A confirmation message appears.

5. Tap **Yes**.

The paper source setting screen appears.

6. Tap **Roll paper** or **Manual**.

A test pattern is printed for adjustment.

▶▶▶ Note

- If you are printing on sheets smaller than A2 size, a confirmation message prompting you to continue printing appears on the touch screen. Tap **Yes** and follow the instructions on the touch screen.

Manual Adjustment to Straighten Lines and Colors

If printed vertical lines are warped or colors are out of alignment, execute **Print Head Alignment** and adjust the print head position.

Normally, execute **Auto (standard)**.

➔ [Automatic Adjustment to Straighten Lines and Colors](#)

However, when printing on special paper or if printing is not improved after **Auto (advanced)**, try **Manual**.

Manual adjustment requires you to examine the printed test pattern and enter an adjustment value.



Important

- Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.
- When using cut sheets, do not move the release lever until instructions (guidance) for removing the paper are displayed.

Moving the release lever during printing or maintenance operations will cause the printer to stop.

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

1 sheet of unused paper, A4/Letter size or larger (or 1 sheet when using A2 or larger)

Perform adjustment as follows.

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Important

- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Tap **(Setup) > Maintenance** on HOME screen.

- ➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

3. Tap **Print Head Alignment**.

4. Tap Manual.

A confirmation message appears.

▶▶▶ Note

- If you do not perform **Auto (advanced)**, a confirmation message prompting you to perform **Auto (advanced)** appears. In this case, tap **Yes** and perform **Auto (advanced)**.

5. Tap Yes.

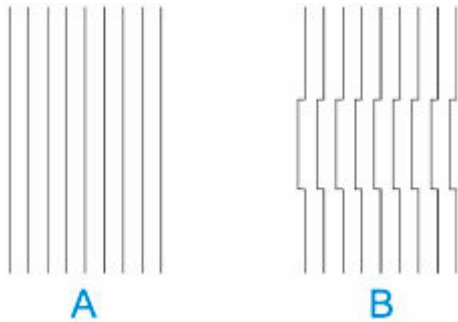
The paper source setting screen appears.

6. Tap Roll paper or Manual.

A test pattern is printed for adjustment.

7. Tap D-1.

8. Examine adjustment test pattern D-1 and determine the number with straight lines.



A: Example with straight lines

B: Example with misaligned lines

▶▶▶ Note

- If two patterns seem equally good and you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.

9. Repeat steps 7-8 to specify adjustment values for D-2 and other remaining patterns.

Specify all the items displayed on the touch screen.

10. Tap OK.

The adjustment value is now registered, and adjustment is complete.

Troubleshooting Paper Abrasion and Blurry Images

The print head height setting affects printing quality.

Specifying a low print head height makes images clearer and enhances printing quality but may cause paper to rub against the print head.

On the other hand, specifying a high print head height will prevent paper from rubbing against the print head but may reduce the printing quality.

▶▶▶ Important

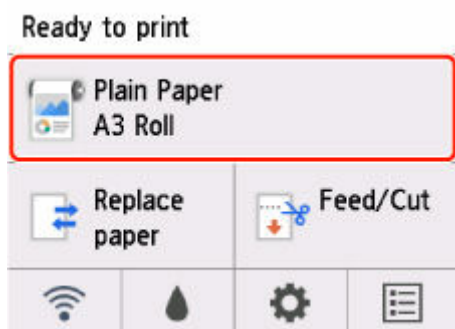
- Paper rubbing against or becoming caught on the print head may jam or result in printed documents that are soiled.

▶▶▶ Note

- Raise or lower print head, depending on nature of the problem.
 - ➔ [Paper rubs against the Print Head](#)
 - ➔ [The edges of the paper are dirty](#)
 - ➔ [Image edges are blurred or white banding occurs](#)

1. Tap paper setting display area on HOME screen.

➔ [Home Screen Menu Composition](#)



The **Paper menu** screen appears.

2. Tap **Paper settings**.

The **Paper settings** screen appears.

3. Tap **Advanced**.

The **Advanced paper settings** screen appears.

4. Tap **Paper thickness (head height)**.

5. Drag slider to set paper thickness (head height) and tap **OK**.

▶▶▶ Note

- When **Auto** is set to **ON**, before printing, the printer automatically adjusts the print head height to the level optimal for the ambient temperature and humidity. You can check the setting for the previous print job in **Values applied with auto settings**.

➡ [Printer information](#)

- When **Auto** is set to **OFF**, the setting selected during this procedure is applied.
- Depending on the type of paper, some setting values may not be available.

Adjusting Feed Amount

- **Adjusting Feed Amount**
- **Adjusting Vacuum Strength**

Adjusting Feed Amount

- **Selecting Feed Amount Adjustment Method**
- **Automatic Banding Adjustment**
- **Manual Banding Adjustment**
- **Fine-Tuning Paper Feed Amount**
- **Adjusting Line Length**

Selecting Feed Amount Adjustment Method

There are two methods of adjusting the paper feed amount, **Prioritize print quality** and **Prioritize length accuracy**, either of which will be applied during printing.

Since the method that is applied during printing is determined from the value of the **Set priority** setting, configure **Set priority** to match the print target.

Follow the procedure below to perform settings.

1. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Maintenance**.
3. Tap **Paper feed adjustment**.
4. Tap **Set priority**.
5. Tap paper to adjust.
6. Tap setting.

Auto

Prioritize print quality will be selected when **Print Target** is set from the printer driver.

Prioritize print quality

Adjusts the feed amount to reduce banding across the sheet in printed documents. **Adjust print quality** settings are applied.

When **Paper feed fine adjustment** is executed, the **Paper feed fine adjustment** settings are applied in addition to the **Adjust print quality** settings.

Prioritize length accuracy

Adjusts the feed amount for better accuracy of lines in printed documents. The value of **Change adjustment values** in **Adjust feed length** is applied.

7. Tap **OK**.

Automatic Banding Adjustment

If printed images are affected by banding in different colors across the sheet, execute **Adjust print quality** for automatic adjustment of the paper feed amount.

The printer prints and reads a test pattern for automatic adjustment of the feed amount.

▶▶▶ Important

- When using highly transparent media, use manual adjustment.
 - ➔ [Manual Banding Adjustment](#)

▶▶▶ Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values.
 - ➔ [Selecting Feed Amount Adjustment Method](#)
- If additional fine-tuning is necessary, execute **Paper feed fine adjustment**.
 - ➔ [Fine-Tuning Paper Feed Amount](#)
- Use **Adjust feed length** to ensure that lines in CAD drawings are printed at exactly the right length.
 - ➔ [Adjusting Line Length](#)
- This may take some time, depending on the type of paper.

Items to Prepare

When Using Rolls

An unused roll at least 254.0 mm (10.00 in.) wide

When Using Sheets

One sheet of unused paper of at least A4/Letter size

Follow the procedure below to adjust.

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)



2. Tap **(Setup)** on HOME screen.

- ➔ [Home Screen Menu Composition](#)

3. Tap **Maintenance**.

4. Tap **Paper feed adjustment**.

5. Tap **Adjust print quality**.

6. Tap **Auto**.

7. Tap paper to adjust.

A test pattern is printed for adjustment and adjustment is finished.

Manual Banding Adjustment

If printed images are affected by banding in different colors, execute **Adjust print quality** for adjustment of the paper feed amount.

Use manual adjustment with highly transparent media.

Manual adjustment requires you to enter an adjustment value after a test pattern is printed.

▶▶▶ Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values.
 - ➔ [Selecting Feed Amount Adjustment Method](#)
- If additional fine-tuning is necessary, execute **Paper feed fine adjustment**.
 - ➔ [Fine-Tuning Paper Feed Amount](#)
- Use **Adjust feed length** to ensure that lines in CAD drawings are printed at exactly the right length.
 - ➔ [Adjusting Line Length](#)

Items to Prepare

When Using Rolls

An unused roll at least 254.0 mm (10.00 in.) wide

When Using Sheets

Two sheets of unused paper of at least A4/Letter size

Follow the procedure below to adjust.

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

▶▶▶ Important

- Always make sure the loaded paper matches the type of paper specified. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Tap **(Setup)** on HOME screen.

- ➔ [Home Screen Menu Composition](#)

3. Tap **Maintenance**.

4. Tap **Paper feed adjustment**.

5. Tap **Adjust print quality**.

6. Tap **Manual**.

7. Tap paper to adjust.

Test pattern A is printed for manual adjustment.

▶▶▶ Note

- When printing on sheets, follow the instructions on the screen and remove the sheet.

8. Examine test pattern A for adjustment.

Determine pattern in which banding is least noticeable.



▶▶▶ Note

- If banding seems least noticeable in two patterns but you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.

9. Tap number you decided.

Test pattern B is printed for manual adjustment.

▶▶▶ Note

- If you printed test pattern A on a sheet, follow the instructions on the screen and use another sheet of the same type of paper. Additionally, after test pattern B is printed, follow the instructions on the screen and remove the sheet.

10. Examine test pattern B for adjustment. Determine pattern in which banding is least noticeable.

11. Tap number you decided.

The adjustment value is now registered, and adjustment is complete.


Fine-Tuning Paper Feed Amount

If the contrast is uneven or banding in different colors appears at 30 mm (1.2 in) intervals in printed documents, try executing **Paper feed fine adjustment** during printing to fine-tune the feed amount.

▶▶▶ Note

- The **Paper feed fine adjustment** menu is only displayed during printing. Additionally, it is displayed when you have selected **Auto** or **Prioritize print quality** in **Set priority** in **Paper feed adjustment**.
- Always execute **Adjust print quality** before **Paper feed fine adjustment**. Once you execute **Adjust print quality**, the **Paper feed fine adjustment** value will revert to 0.
 - ➔ [Automatic Banding Adjustment](#)
 - ➔ [Manual Banding Adjustment](#)

Follow the procedure below to adjust.

1. Tap  (**Setup**) on HOME screen during printing .
 - ➔ [Home Screen Menu Composition](#)
2. Tap **Maintenance**.
3. Tap **Paper feed fine adjustment**.
4. Tap value.

At this time, if banding in dark colors appears, select a setting value in the range 1 to 5, and if banding in light colors appears, select a setting value in the range -1 to -5.

Adjusting Line Length

To ensure that lines in CAD drawings are printed at exactly the right length, use **Adjust feed length** to adjust the amount that paper is advanced.

There are two options in **Adjust feed length** : **Print alignment pattern** and **Change adjustment values**.

▶▶▶ Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values before adjustment.

➔ [Selecting Feed Amount Adjustment Method](#)

Items to Prepare

When Using Rolls

- An unused roll at least 254.0 mm (10.00 in.) wide
- High-precision ruler

When Using Sheets

- One sheet of unused paper of at least A4/Letter size
- High-precision ruler

Follow the procedure below to adjust.

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

▶▶▶ Important

- Always make sure the loaded paper matches the type of paper specified.
Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Tap (**Setup**) on HOME screen.

- ➔ [Home Screen Menu Composition](#)

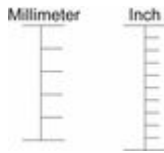
3. Tap **Maintenance**.

4. Tap **Paper feed adjustment**.

5. Tap **Adjust feed length**.

6. Tap **Print alignment pattern** or **Change adjustment values**.

- If you tap **Print alignment pattern**:
The test pattern is printed for you to measure the scale and calculate the discrepancy.
The scale bar prints "Millimeter" in 50 mm increments and "Inch" in 1-inch increments.



- If you tap **Change adjustment values:**

No test pattern is printed.

Instead, you will measure a document already printed to determine the discrepancy.

7. Tap amount of discrepancy.

If the scale is shorter than the actual size, use a positive setting value. If it is longer, use a negative value. The feed amount can be adjusted in 0.02% increments.

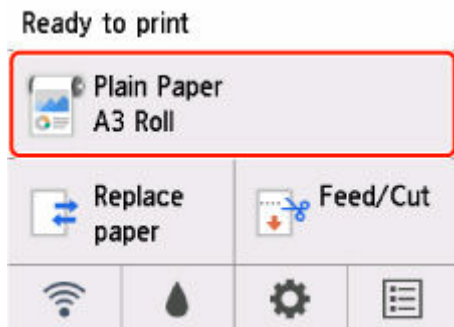
Adjusting Vacuum Strength

When printing on heavyweight paper or paper that curls or wrinkles easily, if the Print head rubs against paper, adjusting the level of suction against paper on the platen may improve results.

▶▶ Important

- Paper rubbing against or becoming caught on the Print head may jam or result in printed documents that are soiled.

1. On the HOME screen, tap paper information area.



2. Tap **Paper settings**.
3. Tap **Advanced**.
4. Tap **Transport unit vacuum strength**.
5. Tap vacuum strength.

Maintenance and Consumables

► Ink Tanks

- Ink Tanks
- Replacing Ink Tanks
- Checking Ink Tank Levels
- When to Replace Ink Tanks

► Print Head

- Print Head
- Checking for Nozzle Clogging
- Cleaning the Print Head
- Replacing the Print Head

► Maintenance Cartridge

- Maintenance Cartridge
- Replacing the Maintenance Cartridge
- Checking the Remaining Maintenance Cartridge Capacity
- When to Replace the Maintenance Cartridge

► Cutter Blade

- Cutter Blade
- Replacing the Cutter Blade

► Performing Maintenance Functions from Your Computer (Windows)

- Cleaning the Print Heads
- Printing a Nozzle Check Pattern

► Performing Maintenance Functions from Your Computer (macOS)

- Opening Remote UI for Maintenance
- Cleaning the Print Heads
- Printing a Nozzle Check Pattern

► Cleaning the Printer

- Cleaning the Printer Exterior
- Cleaning Inside the Top Cover
- Cleaning the Print Head

➤ **Other Maintenance**

- Preparing to Transfer the Printer
- Reinstalling the Printer
- Firmware update

Ink Tanks

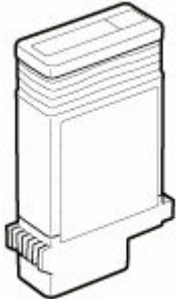
- **Ink Tanks**
- **Replacing Ink Tanks**
- **Checking Ink Tank Levels**
- **When to Replace Ink Tanks**

Ink Tanks

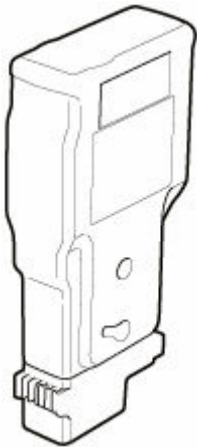
The printer supports the following ink tanks.

When purchasing, check the Model number.

- 130 ml (4.4 fl oz)



- 300 ml (10.1 fl oz)



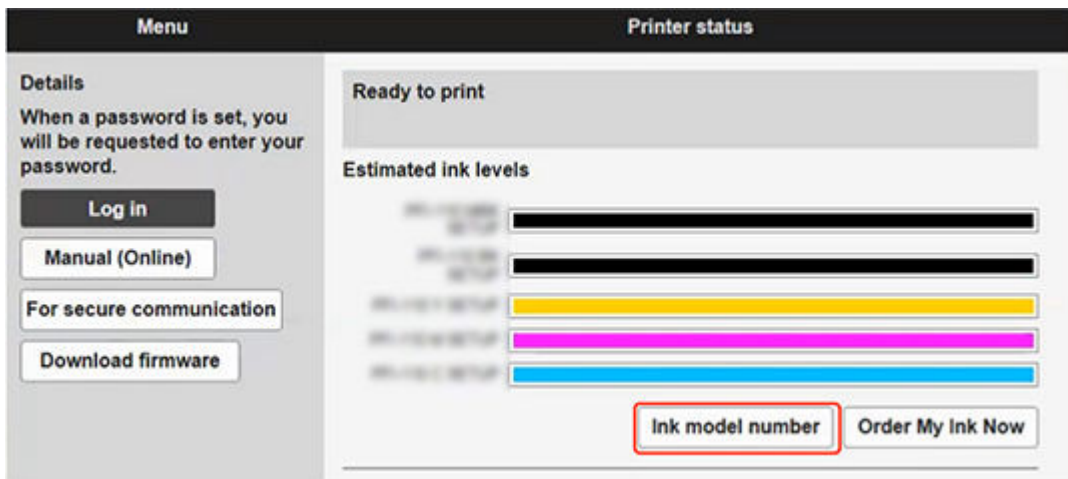
Checking Ink Model Number

Checking Using Web Browser

1. Start up Remote UI.

➔ [Start up Remote UI](#)

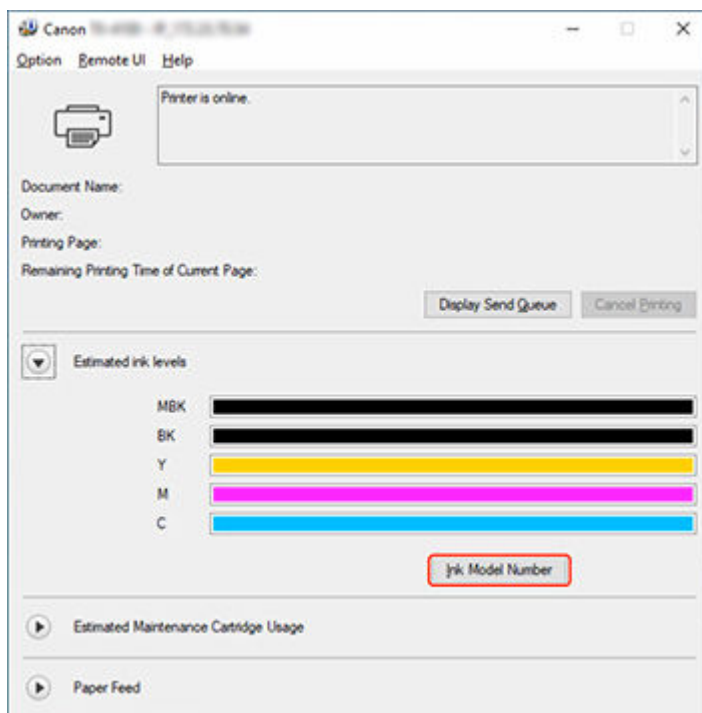
2. Select Ink model number.



The type and number of inks displayed will vary depending on the printer you are using.

Checking Using Canon IJ Status Monitor (Windows)

1. Start up Canon IJ Status Monitor.
 ➔ [Canon IJ Status Monitor](#)
2. Click **Estimated ink levels**.
3. Click **Ink Model Number** information.



The type and number of inks displayed will vary depending on the printer you are using.

»» Note

- For instructions on replacing the ink tanks, see [Replacing Ink Tanks](#).

Replacing Ink Tanks

Compatible Ink Tanks

For details on compatible ink tanks, see [Ink Tanks](#).

You can replace ink tanks in 4.4 fl oz (130 ml) and 10.1 fl oz (300 ml).

▶▶▶ Note

- Depending on the color, you can also use an ink tank with a different capacity.

Precautions When Handling Ink Tanks

Take the following precautions when handling ink tanks.

⚠ Caution

- For safety, keep ink tanks out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.

▶▶▶ Important

- There may be ink around the ink holes of an ink tank you removed. Handle the ink tanks carefully during replacement. The ink may stain clothing.
- Do not install ink tanks used in this printer in another printer. This will prevent correct ink level detection, which may damage the printer or cause other problems.
- We recommend using up an ink tank in the course of printing within six months after breaking the seal. Printing quality may be affected if you use older ink tanks.
- Do not leave the printer without ink tanks installed for extended periods (a month or more). Residual ink may become clogged inside the printer and affect printing quality.

How to Replace an Ink Tank

If a message indicates you should replace an ink tank, check the message details and go to step 2.

1. [Selecting Ink Tank Replacement from Menu](#)
2. Removing Ink Tanks
 - ➔ [Removing ink tank](#)
3. Loading New Ink Tanks
 - ➔ [Loading ink tank](#)


▶▶▶ Important

- Do not remove an ink tank during initialization immediately after turning on the printer, or during print head cleaning. Ink may leak out.

▶▶▶ Note

- Ink tank replacement is possible even during printing, when print jobs are being canceled, or when paper is being advanced.

Selecting Ink Tank Replacement from Menu

1. Tap  (Ink information) on HOME screen.

➔ [Home Screen Menu Composition](#)

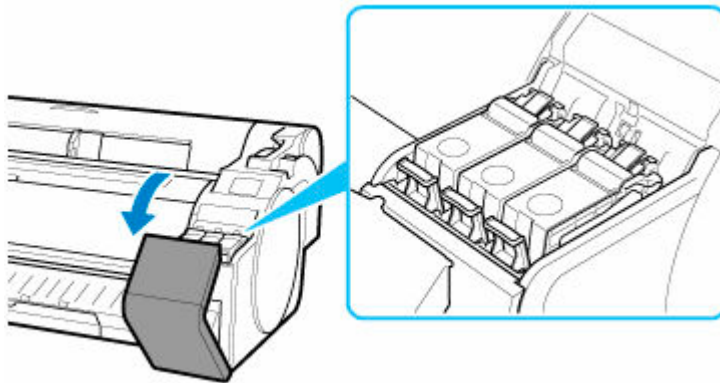
The **Current estimated ink levels** screen appears.

2. Tap **Replace**.

Instructions for the ink tank replacement procedure appear on the touch screen.

Removing ink tank

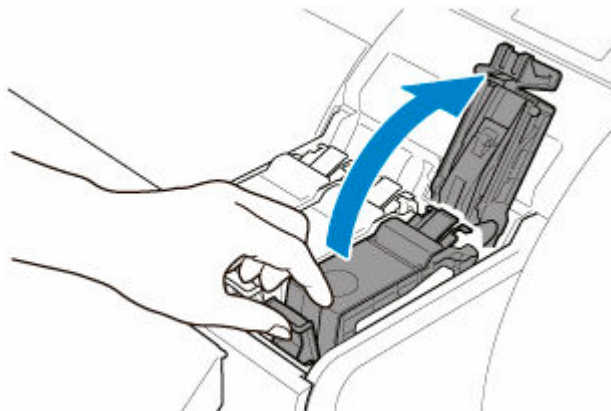
1. Open ink tank cover.



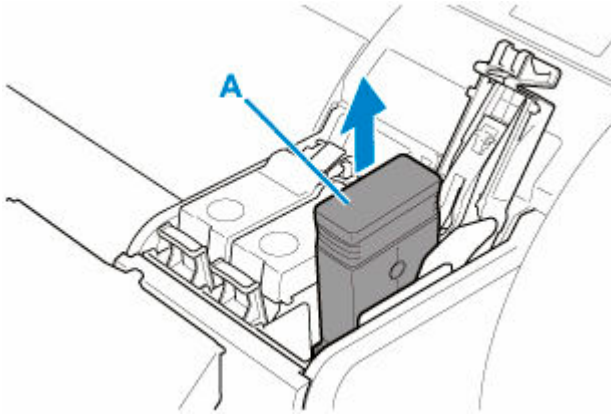
➤➤➤ Important

- Avoid jarring the printer a lot when replacing an ink tank. Handle the printer gently when replacing tanks. Jarring the printer during printing may affect printing quality.

2. Press tip of ink tank lock lever of color for replacement horizontally and pull ink tank lock lever up to open it.

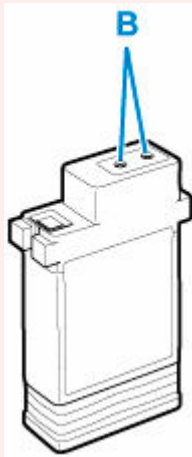


3. Remove ink tank by grips (A), and then tap **OK**.



►► Important

- Do not turn off the printer, except for transportation, while the ink tank is removed. It may cause the interior of the ink tank cover to become soiled.
- Store the removed ink tank with ink remaining with the ink holes (B) facing up. Otherwise, ink may leak and cause stains. Put the removed ink tank in a plastic bag and close the bag.

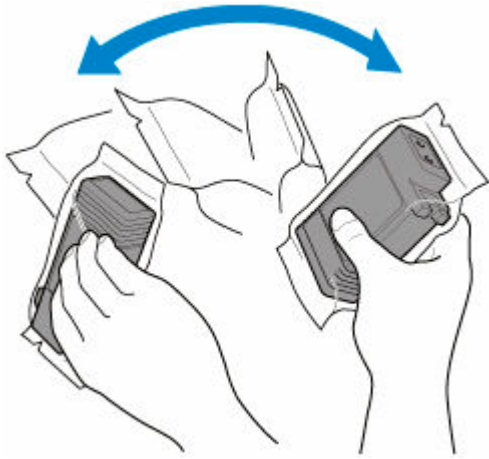


►► Note

- Dispose of the used ink tank in accordance with local regulations.

Loading ink tank

1. Before opening the pouch, tilt the ink tank to the left and right gently one or two times.
Agitate the ink in the ink tank by slowly rotating the ink tank upside-down and right side up repeatedly.



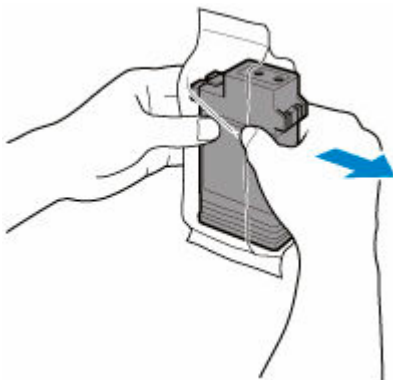
►► Important

- Do not remove and agitate an ink tank that has already been installed in the printer. Ink may leak out.
- Failure to agitate the ink tank may cause the ink components to precipitate and may affect printing quality.

►► Note

- If the ink tank is at a low temperature, allow it to warm up to room temperature before installing.

2. Open the pouch and remove the ink tank.



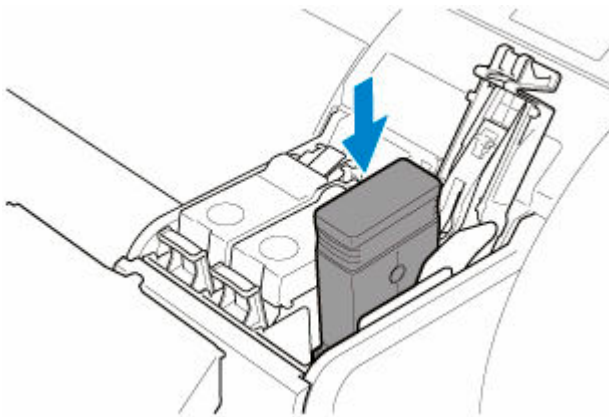
►► Important

- Never touch the ink holes (B) or the metal contacts (C). This may cause stains, damage the ink tank, and affect printing quality.



- Avoid dropping the ink tank after removing it from the pouch. Otherwise, ink may leak and cause stains.

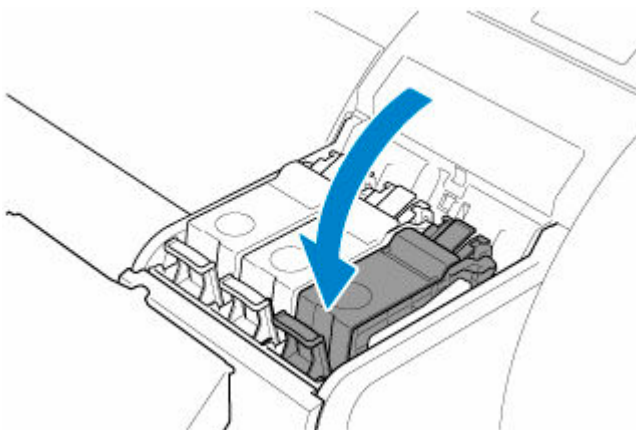
3. Tap **OK** and insert ink tank into holder with ink holes down and metal contacts in front.



»» Important

- An ink tank cannot be loaded in the holder if the color or orientation is incorrect.
If the ink tank does not fit in the holder, do not force it into the holder. Reinstall while checking the label color display, ink tank color, and ink tank orientation.

4. Push the ink tank lock lever closed until it clicks into place.

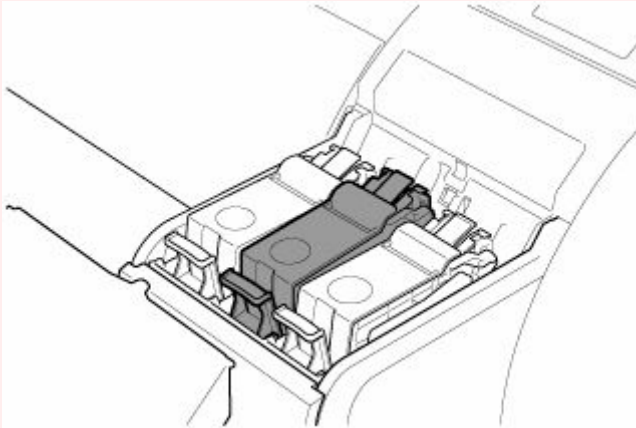


»» Important

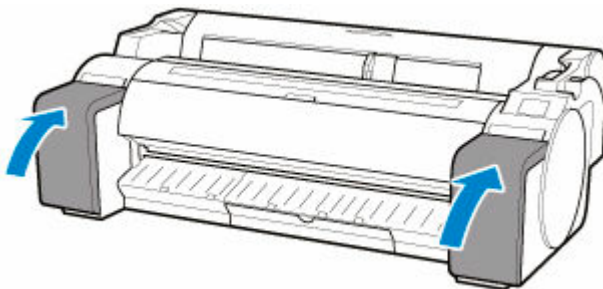
- Do not push the ink tank in by hand. Forcing the ink tank into the holder may damage the printer.



- If a 4.4 fl oz (130 ml) ink tank is installed facing the wrong direction, the rotating part of the ink tank lock lever come out of place. If this happens, open the ink tank lock lever to return it to the proper position.



5. Close ink tank cover.



Checking Ink Tank Levels

On the touch screen, you can check how much ink is left in the ink tank.



1. Tap  (Ink information) on HOME screen.

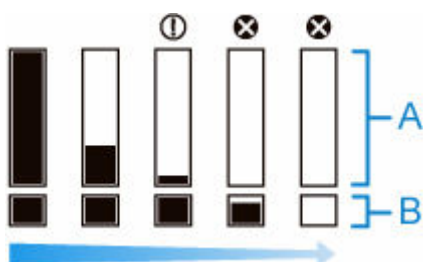
➔ [Home Screen Menu Composition](#)

The **Current estimated ink levels** screen appears.



This printer has ink tanks (A) and sub-ink tanks (B). Even if ink runs out, printing can continue with ink in the sub-ink tanks.

When the remaining ink is low,  will appear on the remaining ink level. When ink runs out,  will appear. See the figure below.




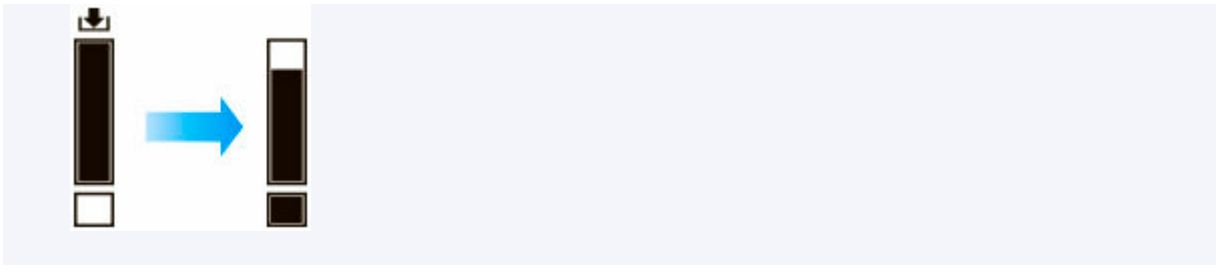
If the touch screen indicates to replace the ink tank, replace the ink tank. If a message is displayed indicating to check the remaining ink levels, or after tasks that consume a lot of ink such as large-format printing or head cleaning, check the remaining levels and replace ink tank as needed.

➔ [Replacing Ink Tanks](#)

▶▶▶ Note

- Tap **Order ink now** to view the ink supplier information.
- When the ink tank is replaced, the sub-ink tank will be filled with ink.

During this time,  is displayed above the ink level.



When to Replace Ink Tanks

Replace or prepare to replace ink tanks in the following situations.

- **If ink confirmation message appears on touch screen**

If ink is low, the **Status** lamp lights orange and a notification message will appear on the touch screen. You can continue to print, but prepare the ink tanks.

➔ [Checking Ink Tank Levels](#)

- **Before print jobs and maintenance that consume a lot of ink**

If little ink is left, there may not be enough for large-format printing, head cleaning, and maintenance, which require a lot of ink. Replace or prepare to replace the ink tanks in the following situations.

➔ [Checking Ink Tank Levels](#)

- **If message for ink replacement appears on touch screen**

When the ink runs out, the **Status** lamp flashes orange, a message regarding ink tanks replacement appears on the touch screen, and printing is disabled. Replace the ink tank.

➔ [Replacing Ink Tanks](#)

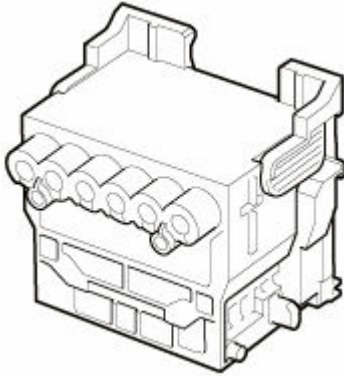
Print Head

- **Print Head**
- **Checking for Nozzle Clogging**
- **Cleaning the Print Head**
- **Replacing the Print Head**

Print Head

When purchasing, check the Model number.

Model number: PF-07



▶▶ Note

- For instructions on replacing the print head, see [Replacing the Print Head](#).

Checking for Nozzle Clogging

If printing is faint or affected by banding in different colors, make sure the print head nozzles are clear by printing a test pattern to check the nozzles.

►► Important

- When using cut sheets, do not move the release lever until instructions (guidance) for removing the paper are displayed.

Moving the release lever during printing or maintenance operations will cause the printer to stop.

►► Note

- By default, nozzles are checked at fixed intervals.

➔ [Auto maintenance settings](#)

Paper to Prepare

When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

When using sheets

1 sheet of unused paper of at least A4/Letter size

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

2. Tap (Setup) > Maintenance on HOME screen.

- ➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

3. Tap **Nozzle Check**.

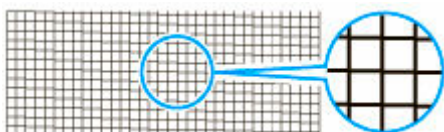
A confirmation message appears.

4. Tap **Yes**.

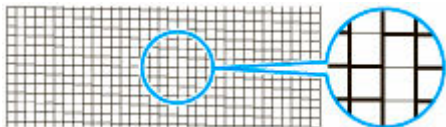
The printer now prints a test pattern for checking the nozzles.

5. Check the printing results.

If the horizontal lines are not faint or incomplete, the nozzles are clear.



If some sections of the horizontal lines are faint or incomplete, the nozzles for those colors are clogged.



If horizontal lines are faint or incomplete, execute print head cleaning.

➡ [Cleaning the Print Head](#)

Cleaning the Print Head

If printing is faint, cleaning the print head may improve results.

Choose one of three print head cleaning modes (**Cleaning**, **Deep Cleaning**, or **System Cleaning**), depending on the problem to resolve.

- **Cleaning**

Use this mode if printing is faint or contains foreign substances. This method of cleaning consumes the least amount of ink.

It takes about 2 to 3 minutes.

- **Deep Cleaning**

Use this mode if no ink is ejected at all or if **Cleaning** does not solve the problem.

It takes about 3 minutes.

- **System Cleaning**

Use this mode if printing is not improved after **Deep Cleaning**. **System Cleaning** consumes a very large amount of ink. Performing this frequently consumes the ink faster. Perform this only when needed.

It takes about 4 minutes.

▶▶▶ Important

- Do not remove the maintenance cartridge or ink tanks during **Cleaning**, **Deep Cleaning**, or **System Cleaning**.

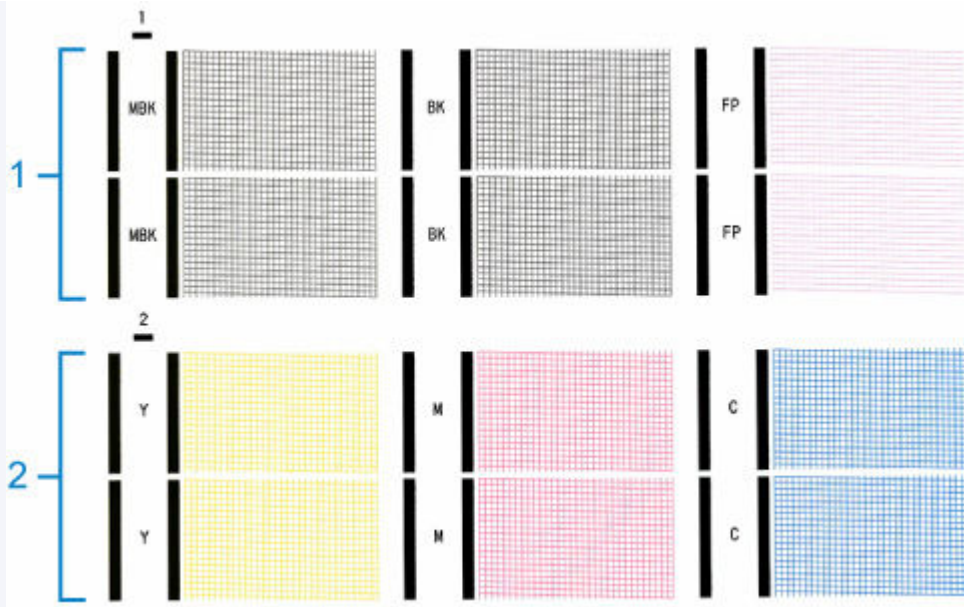
Ink may leak or an error may occur.

- If printing is not improved after **System Cleaning**, the print head may be at the end of its service life. Contact your Canon dealer for assistance.
- When using cut sheets, do not move the release lever until instructions (guidance) for removing the paper are displayed.

Moving the release lever during printing or maintenance operations will cause the printer to stop.

▶▶▶ Note

- Check the nozzle check pattern and select an ink group for which to perform cleaning as needed. You can clean all print head or select the pattern below to clean the print head with a clogged nozzle.



- By default, nozzles are checked at fixed intervals.

➔ [Auto maintenance settings](#)

Perform cleaning as follows.



1. Tap **(Setup) > Maintenance** on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

2. Tap **Print Head Cleaning**.
3. Tap **Cleaning, Deep Cleaning, or System Cleaning**.
4. Tap ink group to be cleaned.

- **All colors**
- **Pattern 1:** MBK / BK / FP
- **Pattern 2:** Y / M / C

A confirmation message appears.

5. Tap **Yes**.

Head cleaning is now executed.

6. Print a test pattern to check the nozzles and determine whether cleaning has cleared the nozzles.

➔ [Checking for Nozzle Clogging](#)

Replacing the Print Head

If the touch screen indicates to replace the print head or if instructed to do so by your Canon dealer, replace the print head.

Compatible Print Head

For details on compatible print head, see [Print Head](#).

Precautions When Handling Print Head

Take the following precautions when handling the print head.

Caution

- For safety, keep print head out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.
- Do not touch the print head immediately after printing. The print head becomes extremely hot, and there is a risk of burns.

Important

- There may be ink around the nozzles of the print head you remove. Handle the print head carefully during replacement. The ink may stain clothing.
- Do not open the print head pouch until immediately before installation. After removing the print head from the pouch, install it right away. If the print head is left as is after the pouch is opened, the nozzles may dry out, which may affect printing quality.

How to Replace Print Head

Caution

- When replacing the print head immediately after printing, wait a few minutes before replacing it. The metal parts of the print head become hot during printing, and there is a risk of burns from touching these parts.

Important

- Your hands may become dirty during print head replacement. Use the gloves provided in the box with the new print head for replacement.

Note

- Prepare a new ink tank when ink levels are low.
- Prepare a new maintenance cartridge when the remaining capacity of the maintenance cartridge is low.

1. Tap  (Setup) > Maintenance on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

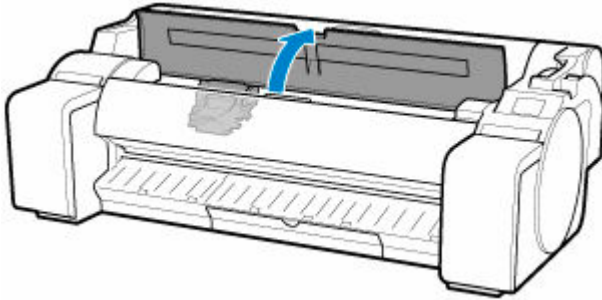
2. Tap Head Replacement.

3. Tap Start head replacement.

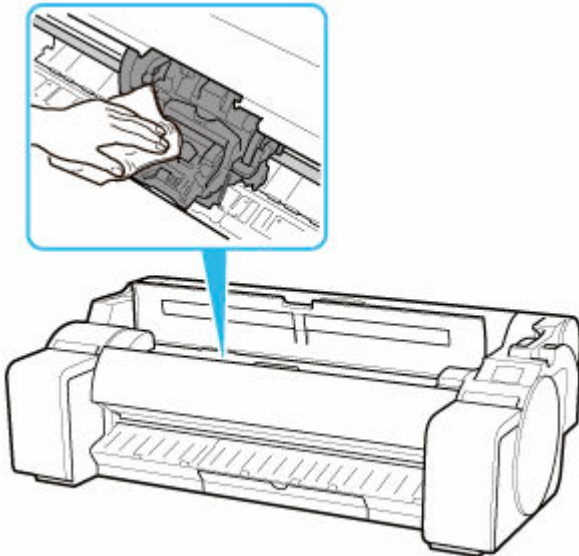
Ink begins being drawn in. When it finishes, instructions for the print head replacement procedure appear on the touch screen.

It takes about 1 to 2 minutes for ink to be drawn into the system and remove ink from the print head.

4. Open top cover.

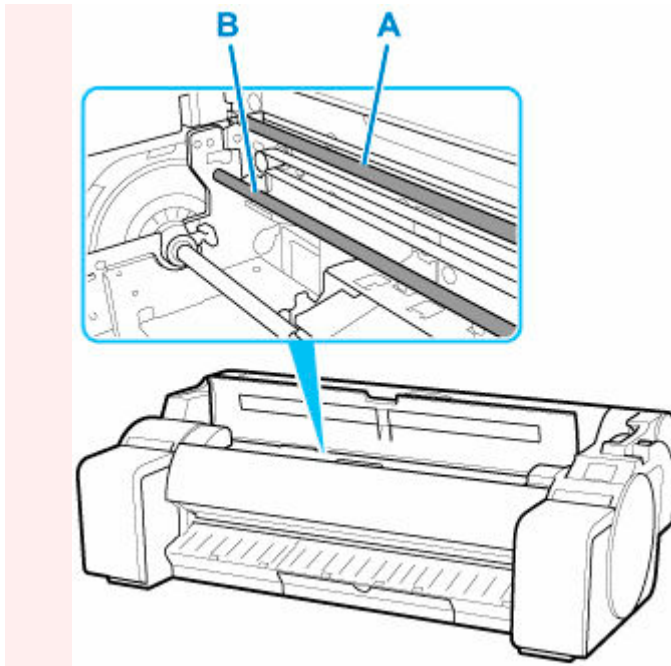


5. If the print head locking cover and print head lock lever are dirty, use a damp cloth that you have wrung out completely to wipe them clean.



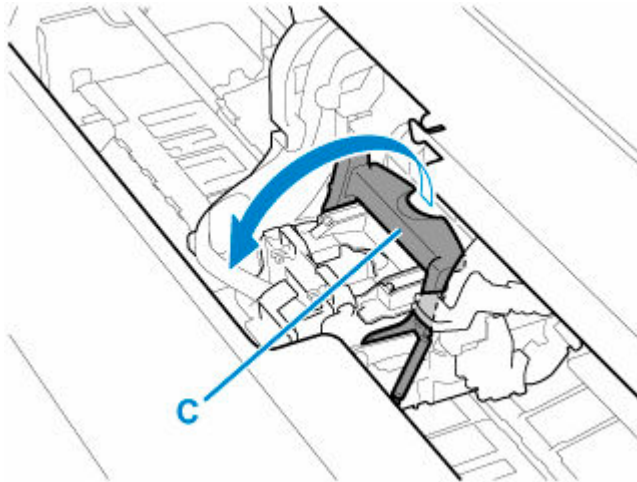
Important

- Do not touch the linear scale (A) or carriage shaft (B). Touching these may cause malfunction.

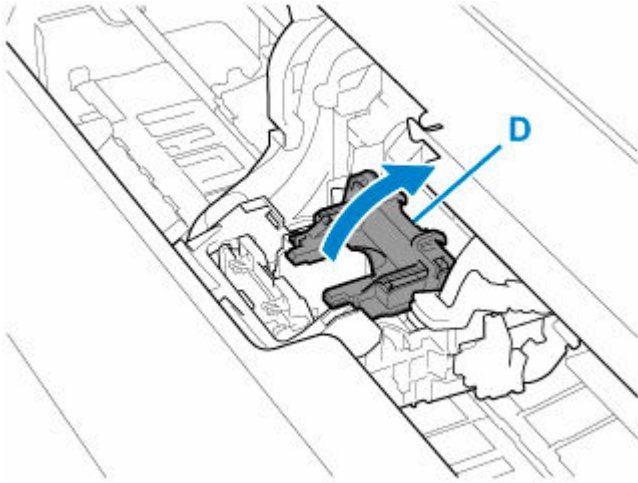


- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

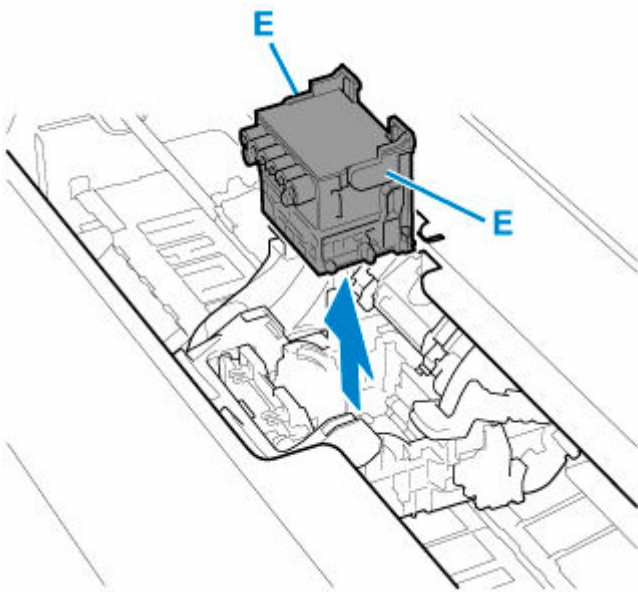
6. Pull down print head lock lever toward the front while holding its center (C) with your fingertip.



7. Grab grip (D) and open print head locking cover.



8. Grab grips (E), remove print head, and then tap **OK**.



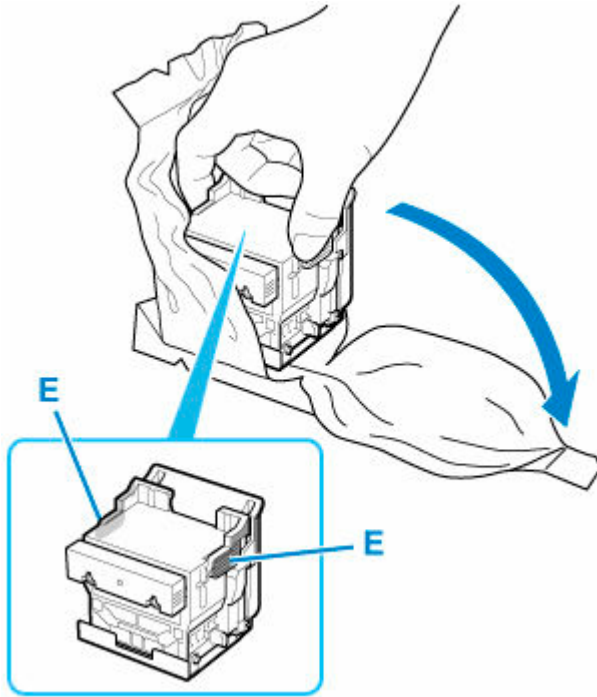
Important

- Never touch the metal contacts of the carriage. Furthermore, do not allow any dirt or debris to become adhered to the metal contacts of the carriage. These may damage the printer.

Note

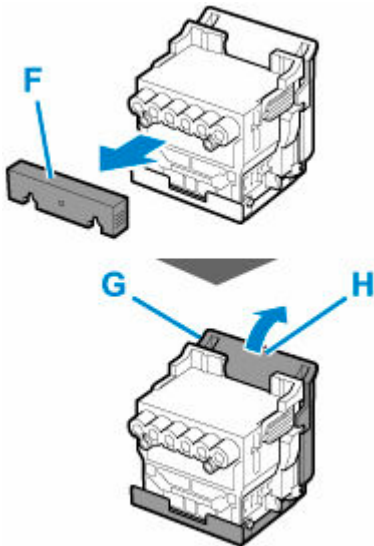
- Dispose of the used print head in accordance with local regulations.

9. Take new print head out of its pouch by grabbing grips (E).



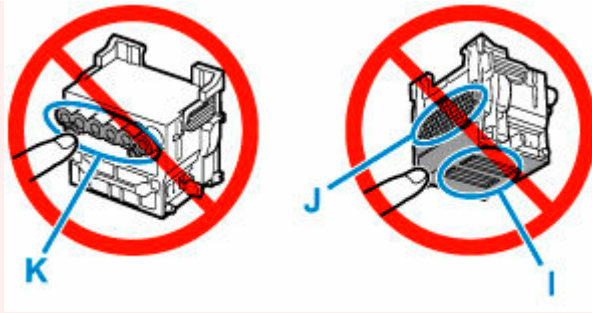
10. Remove orange protective caps (F, G).

Grab grip (H) to remove protective cap (G).



»» Important

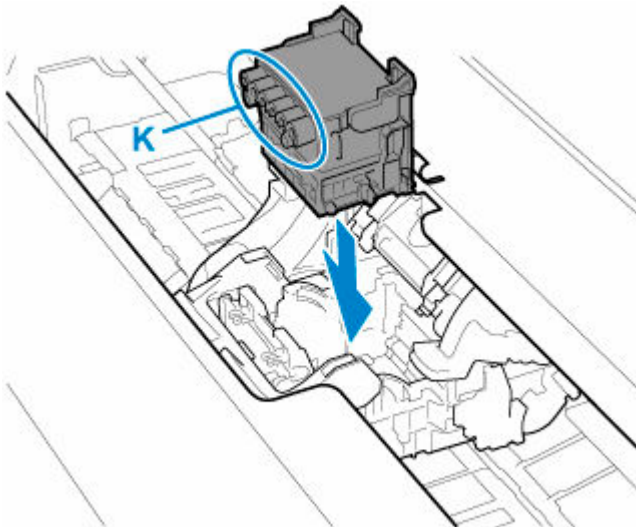
- Always carry the print head by holding its right and left grips. Never touch nozzle (I) or metal contacts (J). This may damage the print head and affect printing quality.
- Never touch the ink holes (K). This may affect printing quality.



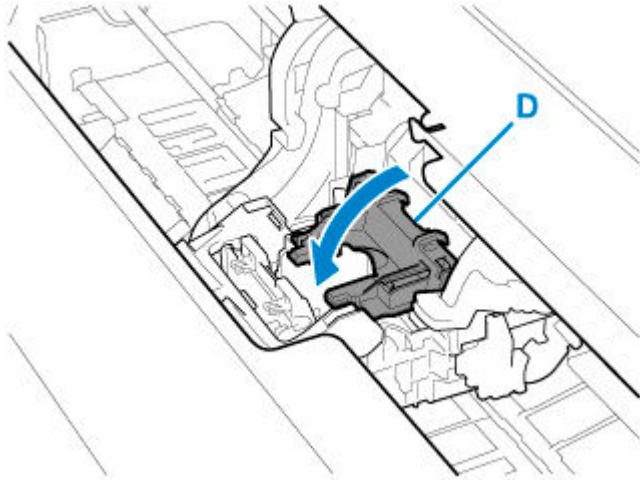
- The inside surface of the protective cap is coated with ink to protect the nozzle. Be careful not to touch these surfaces when removing the caps.
- The print head contains ink to protect the nozzle. We recommend removing the protective cap while holding it over the pouch that contained the print head or otherwise safely out of the way to avoid spilling ink and staining your clothes or the surrounding area. If ink accidentally spills, wipe off the ink with a dry cloth.
- If you need to put a print head somewhere temporarily before installation, do not set it down with the nozzles and metal contacts facing down. If the nozzles or metal contacts are damaged, it may affect the printing quality.
- Do not reattach the removed protective part. Dispose of these materials in accordance with local regulations.

11. Turn ink holes (K) toward the front and insert print head into carriage.

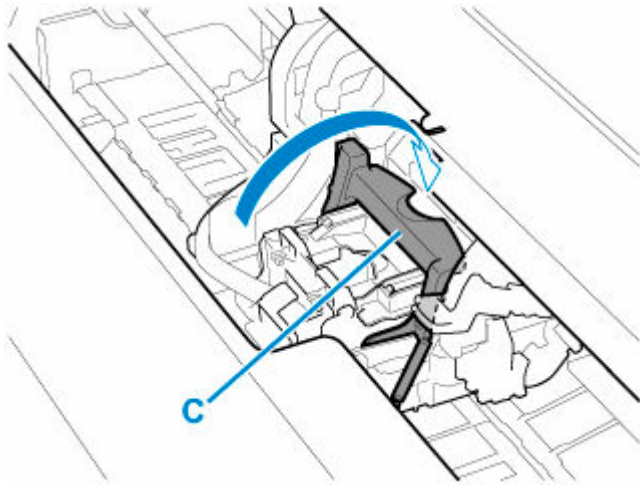
Insert the print head all the way into the carriage, while taking care to keep parts that were protected by the protective caps from touching the carriage.



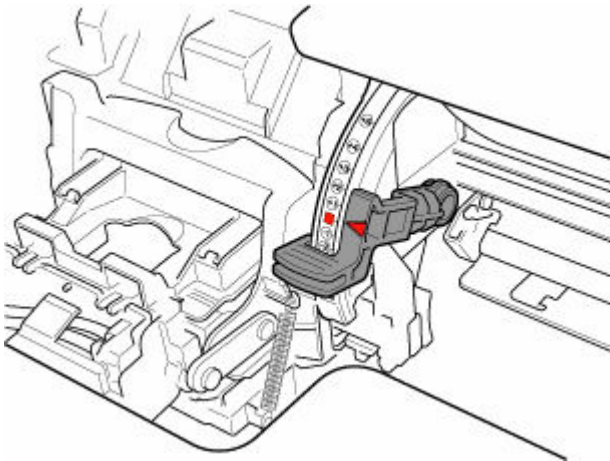
12. Grasp tab (D) of print head locking cover and lower it to front to lock print head.



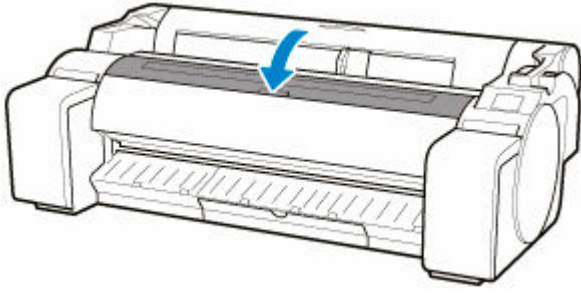
13. While holding center part (C) of print head lock lever, lower it toward back.



14. Align angle adjustment lever with the red square position.



15. Close top cover.



Ink now fills the print head. It takes about 10 minutes.

►► Important

- While ink is being filled, definitely do not remove the ink tank or maintenance cartridge. Ink may leak out.

►► Note

- Print head position adjustment is executed when **Print pattern after new head** is set to **ON**.
Follow the instructions on the touch screen to load paper.
➔ [Auto maintenance settings](#)

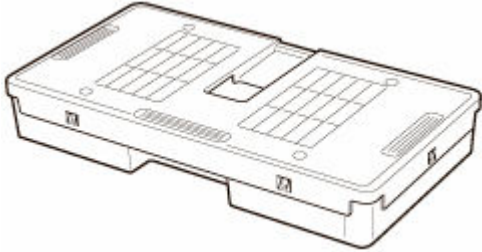
Maintenance Cartridge

- **Maintenance Cartridge**
- **Replacing the Maintenance Cartridge**
- **Checking the Remaining Maintenance Cartridge Capacity**
- **When to Replace the Maintenance Cartridge**

Maintenance Cartridge

When purchasing, check the Model number.

Model number: MC-31



▶▶ Note

- For instructions on replacing the maintenance cartridge, see [Replacing the Maintenance Cartridge](#).

Replacing the Maintenance Cartridge

Compatible Maintenance Cartridges

For details on compatible maintenance cartridge, see [Maintenance Cartridge](#).

Precautions When Handling Maintenance Cartridge

Take the following precautions when handling the maintenance cartridge.

Caution

- For safety, keep maintenance cartridge out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.

Important

- Do not remove the maintenance cartridge except to replace it. Ink may leak out.
- Do not remove a maintenance cartridge during initialization immediately after turning on the printer, during print head cleaning, while ink is being drawn out, or during initialization immediately after replacing the maintenance cartridge.

The maintenance cartridge may become damaged or ink may leak out.

- To prevent ink from leaking from a used maintenance cartridge, avoid dropping the cartridge or storing it at an angle. Otherwise, ink may leak and cause stains.
- Ink adheres to the top of the maintenance cartridge after it has been used. Handle the maintenance cartridge carefully during replacement. The ink may stain clothing.

How to Replace a Maintenance Cartridge

If a message indicates you should replace a maintenance cartridge, check the message details and go to step 4.

1. Tap  (**Setup**) > **Maintenance** on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

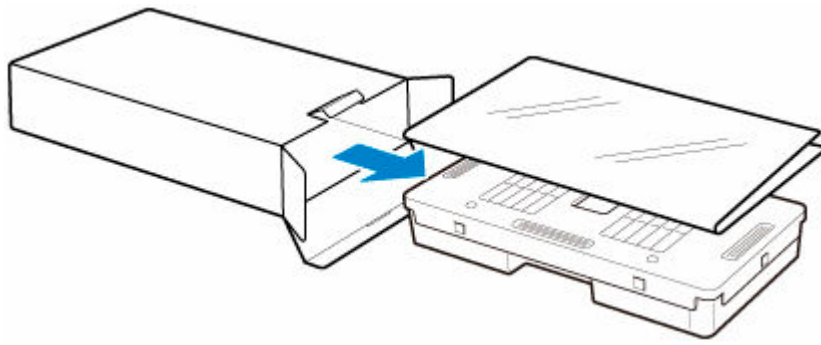
2. Tap **Maintenance cartridge info**.

The **Maintenance cartridge info** screen appears.

3. Tap **Replace**.

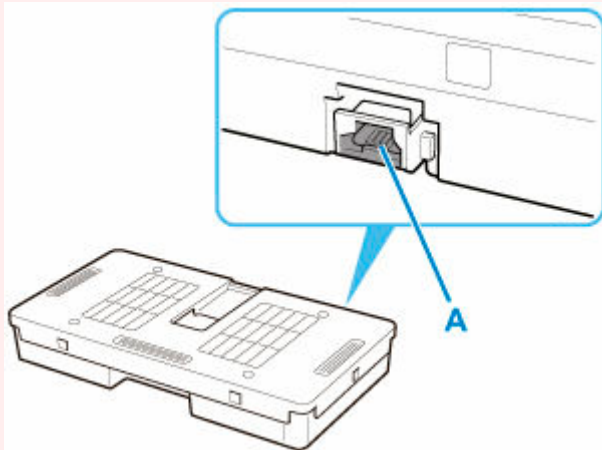
Instructions for the maintenance cartridge replacement procedure appear on the touch screen.

4. Open box, and remove plastic bag and maintenance cartridge.

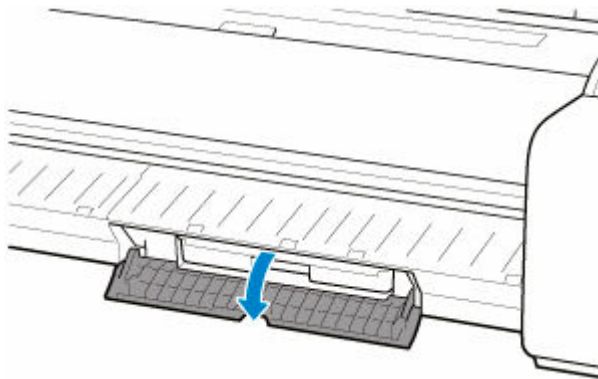


▶▶▶ Important

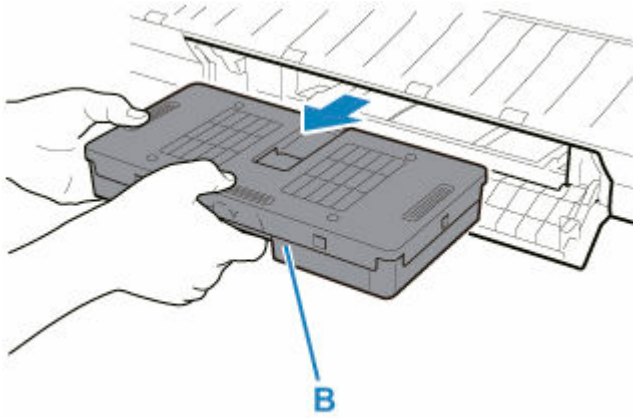
- Never touch the metal contacts (A). This may damage the maintenance cartridge.



5. Open maintenance cartridge cover.



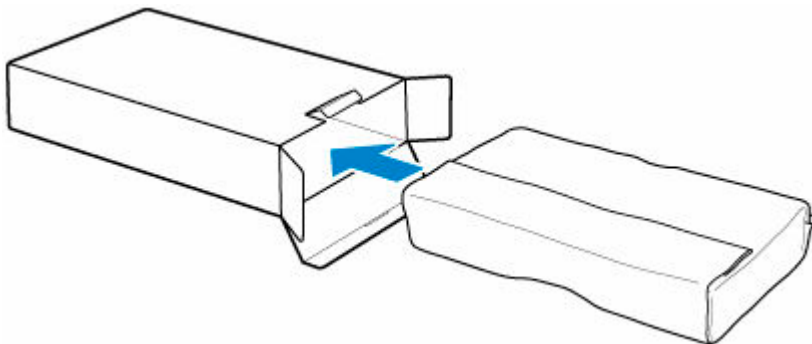
6. Hold the used maintenance cartridge by the grip (B) with one hand and put your other hand under the maintenance cartridge to hold it firmly on the bottom, keeping it level as you pull it out.



►► Important

- A used maintenance cartridge is heavy. Always grasp the cartridge firmly and keep the cartridge level during removal. If you drop a used maintenance cartridge or store it at an angle, ink may leak and cause stains.

7. Put used maintenance cartridge in supplied plastic bag and store on flat surface.
8. Check the top and bottom of the maintenance cartridge, place in the box, and store the box on a flat surface.



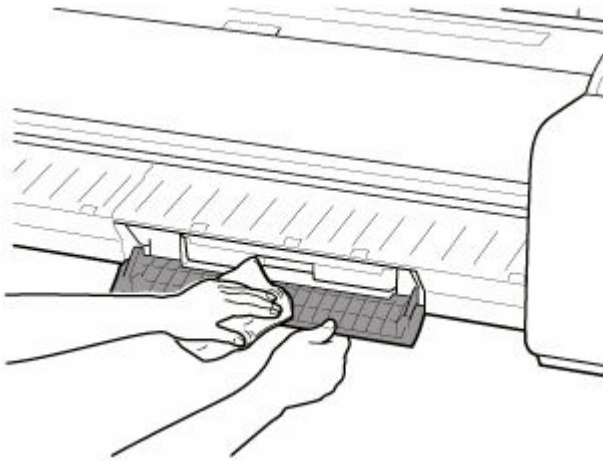
►► Important

- Always put the used maintenance cartridge back in the box and store the box on a flat surface.

►► Note

- Dispose of the used maintenance cartridge in accordance with local regulations.

9. Wipe away any soiling on the maintenance cartridge cover.

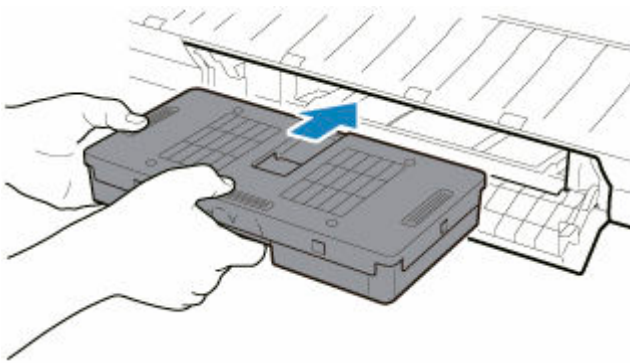


▶▶ Important

- Support the maintenance cartridge cover from underneath as you wipe it.

10. Keeping the new maintenance cartridge level, insert it all the way in.

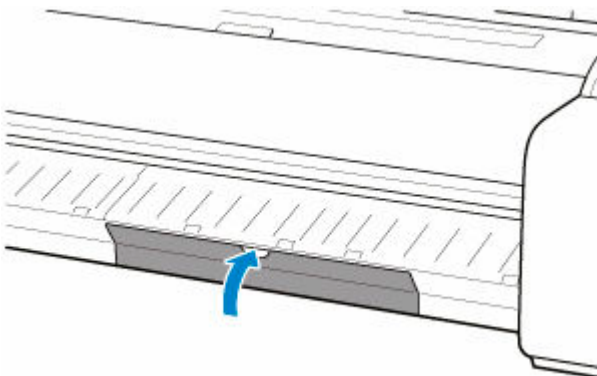
The maintenance cartridge is initialized.



▶▶ Important

- Do not remove the maintenance cartridge during initialization immediately after replacing the maintenance cartridge. The maintenance cartridge may become damaged.

11. Close maintenance cartridge cover.



Checking the Remaining Maintenance Cartridge Capacity

The maintenance cartridge absorbs excess ink from borderless printing and print head cleaning. You can confirm the remaining capacity of the maintenance cartridge by checking the touch screen.

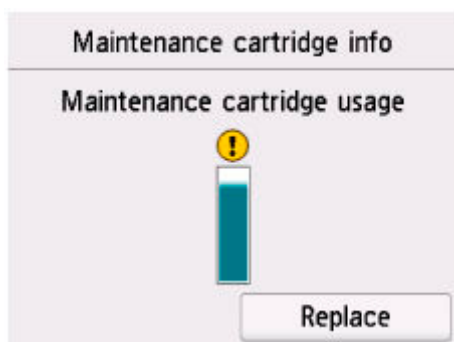
1. Tap  (**Setup**) > **Maintenance** on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

2. Tap **Maintenance cartridge info**.

The **Maintenance cartridge info** screen appears.



If the touch screen indicates to replace the maintenance cartridge, replace the maintenance cartridge.

If a message appears indicating to check the remaining capacity of the maintenance cartridge, or before tasks that deplete much of the capacity such as head cleaning or preparations to move the printer, check the remaining maintenance cartridge capacity and prepare a new maintenance cartridge as needed.

➔ [Replacing the Maintenance Cartridge](#)

When to Replace the Maintenance Cartridge

Replace or prepare to replace the maintenance cartridge in the following situations.

- **If maintenance cartridge confirmation message appears on touch screen**

When the maintenance cartridge is almost used up, the **Status** lamp lights orange and a notification message will appear on the touch screen. You can continue to print, but check the remaining maintenance cartridge capacity and prepare to replace the maintenance cartridge with a new one.

➔ [Checking the Remaining Maintenance Cartridge Capacity](#)

- **When the maintenance cartridge capacity is drastically depleted**

Print head cleaning, print head replacement, and preparations to transfer the printer deplete much of the maintenance cartridge capacity. (In particular, preparing to move the printer depletes a lot of the capacity.)

Check the remaining maintenance cartridge capacity before this maintenance and replace the maintenance cartridge if necessary.

➔ [Checking the Remaining Maintenance Cartridge Capacity](#)

- **If message for maintenance cartridge replacement appears on touch screen**

When the maintenance cartridge is used up, the **Status** lamp blinks orange, a message regarding maintenance cartridge replacement appears on the touch screen, and printing is disabled. Replace the maintenance cartridge with a new one.

➔ [Replacing the Maintenance Cartridge](#)

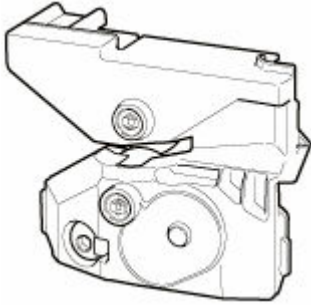
Cutter Blade

- **Cutter Blade**
- **Replacing the Cutter Blade**

Cutter Blade

When purchasing, check the Model number.

Model number: CT-08



▶▶ Note

- For instructions on replacing the cutter blade, see [Replacing the Cutter Blade](#).

Replacing the Cutter Blade

Compatible Cutter Blade

For details on compatible cutter blade, see [Cutter Blade](#).

How to Replace Cutter Blade

▶▶▶ Important

- The cutter blade can not be replaced if there is paper in the moving range of the cutter. Remove the paper.



1. Tap  (**Setup**) > **Maintenance** on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

2. Tap **Replace cutter blade unit**.

A confirmation message appears.

3. Tap **Yes**.

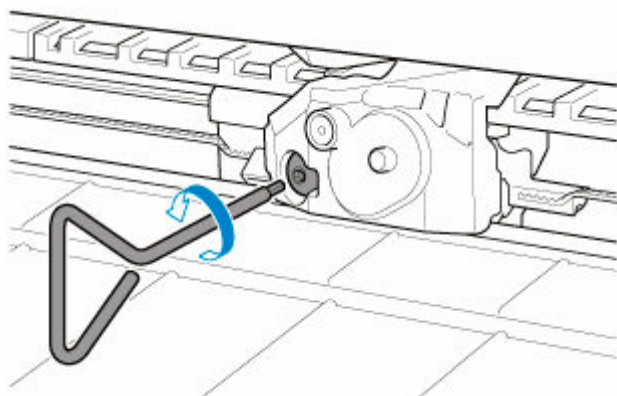
The carriage moves and after it stops moving, instructions for the cutter blade replacement procedure appear on the touch screen.

4. If cutter blade is dirty, use damp cloth that you have wrung out completely to wipe it clean.

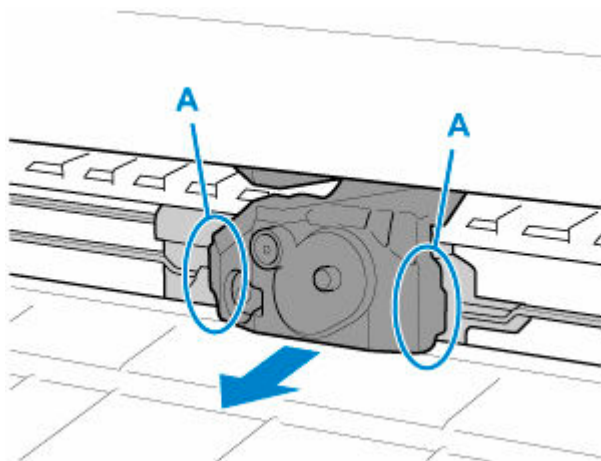
▶▶▶ Important

- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

5. Turn hex screw with hex wrench until loose.



6. Remove cutter blade while holding A.



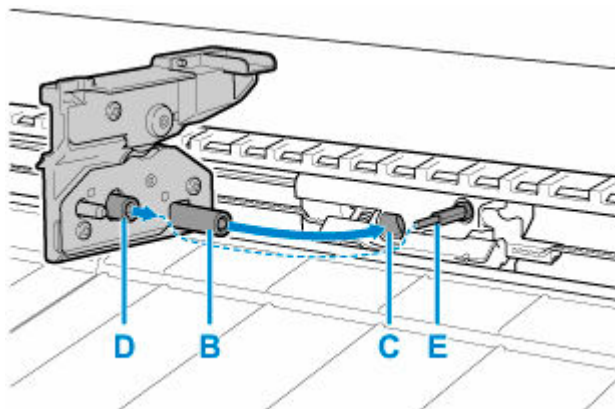
⚠ Caution

- Never touch any part other than A. This may stain your hands or cause injury. Additionally, this may damage the printer.
- Do not disassemble the cutter blade. Touching the blade may cause injury.

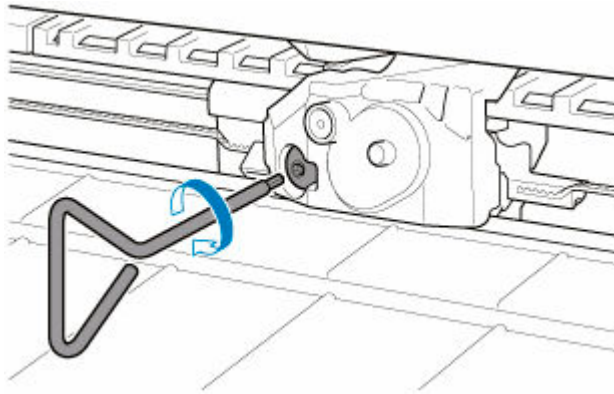
➤➤ Note

- Dispose of the used cutter blade in accordance with local regulations.

7. Install new cutter blade while aligning B to C and D to E.



8. Turn hex screw until securely fixed.



»» Important

- After the cutter blade is secured, check that the cutter blade does not come off. If the cutter blade comes off, this may damage the printer.

9. Tap **Done**.

10. Tap **Yes**.

Performing Maintenance Functions from Your Computer (Windows)

- **Cleaning the Print Heads**
- **Printing a Nozzle Check Pattern**

Cleaning the Print Heads

The print head cleaning function allows you to clear up clogged print head nozzle. Perform print head cleaning if printing is faint or a specific color fails to print, even though there is enough ink.

The procedure for print head cleaning is as follows:



Print Head Cleaning

1. Open the [printer driver setup window](#)
2. Click **Print Head Cleaning** on the **Utility** tab

When the **Print Head Cleaning** dialog box opens, select the head cleaning to be performed from the following:

Cleaning

Perform **Cleaning** if printing is faint or a specific color fails to print, even though there is enough ink.

System Cleaning

System Cleaning is a more powerful cleaning function. Perform **System Cleaning** if there is no improvement even after repeating **Cleaning** several times.

»» Important

- **System Cleaning** consumes an extremely large amount of ink. Executing system cleaning frequently will rapidly deplete your printer's ink supply. Therefore, execute system cleaning only when necessary.

3. Execute cleaning

Make sure that the printer is on and then click **OK**.

Print head cleaning starts.

»» Note

- After **Cleaning** or **System Cleaning** is complete, perform **Print Nozzle Check Pattern** and check the cleaning results.

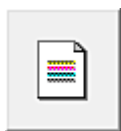
Related Topic

- ➔ [Printing a Nozzle Check Pattern](#)

Printing a Nozzle Check Pattern

The nozzle check function allows you to check whether the print head is working properly by printing a nozzle check pattern. Print the pattern if printing becomes faint, or if a specific color fails to print.

The procedure for printing a nozzle check pattern is as follows:



Print Nozzle Check Pattern

1. Open the [printer driver setup window](#)
2. Load paper in the printer
3. Click **Print Nozzle Check Pattern** on the **Utility** tab

The **Print Nozzle Check Pattern** dialog box opens.

4. Select the paper source

Select the paper source from the displayed dialog box.

5. Print a nozzle check pattern

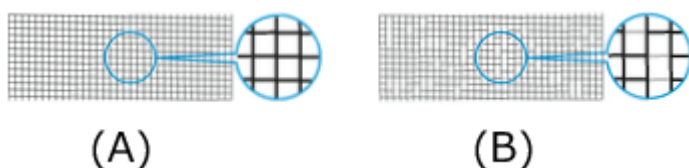
Make sure that the printer is on and click **OK**.

Printing of the nozzle check pattern begins.

Click **OK** when the confirmation message appears.

6. Check the print result

Check the print results.



(A) As long as the horizontal lines are in line, and not missing, the nozzle is working normally.

(B) Where the horizontal lines are not in line or are missing, the color nozzle is blocked.

►► Note

- From the nozzle check pattern printing results, if it becomes patchy or there are areas that cannot be printed, use **Print Head Cleaning** to clean the print heads. Once cleaning is complete, print the nozzle check pattern again and check the results.

Related Topic

➔ [Cleaning the Print Heads](#)

Cleaning the Printer

- **Cleaning the Printer Exterior**
- **Cleaning Inside the Top Cover**
- **Cleaning the Print Head**

Cleaning the Printer Exterior

Clean the printer regularly to maintain better printing quality and help prevent problems.

To ensure a comfortable working environment, clean the printer exterior about once a month.

1. Turn printer off.

➔ [Turning the Printer On and Off](#)

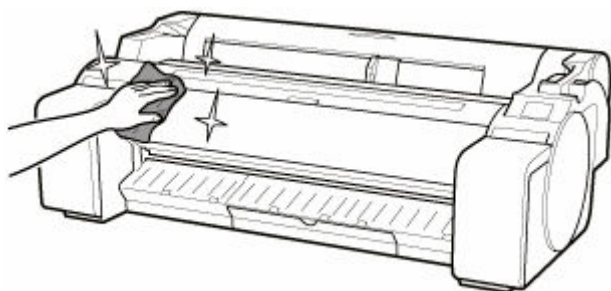
2. Unplug power cord from outlet.

Caution

- Always turn off the printer and unplug the power cord before cleaning or maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.

3. Wring out soft cloth with water or watered-down neutral detergent, and use it to wipe off dirt.

Clean the printer exterior and the power cord plug.



Warning

- Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Important

- If the output guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the output guide even if it does not appear dirty, because it may actually be covered with paper dust.
 - ➔ [Cleaning Inside the Top Cover](#)
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.
- When neutral detergent is used, be sure to wipe off the detergent with soft cloth with water.

4. After cleaning, dry with a soft dry cloth.

5. Plug power cord into outlet.

Cleaning Inside the Top Cover

Clean inside the top cover about once a month to maintain better printing quality and help prevent problems.

Also clean inside the top cover in the following situations to ensure optimal operation.

- If the printed surface or the underside of paper is dirty after printing
- When a roll paper runs out
- After borderless printing
- After printing on small paper
- After printing on paper that generates a lot of cutting debris
- After changing the roll paper
- After printing on paper that generates a lot of paper dust
- After printing on adhesive paper

»» Important

- If the platen inside the top cover becomes dirty, it may soil the underside of paper. We recommend cleaning the platen after borderless printing or printing on small paper.
- If the output guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the output guide even if it does not appear dirty, because it may actually be covered with paper dust.
- Printing on adhesive paper may leave adhesive on the platen, paper retainer, or other parts. To prevent paper jams, we recommend cleaning inside the top cover after printing.
- Cleaning may not be performed if there is paper in the cleaning area. Remove the paper.



1. Tap **(Setup) > Maintenance** on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

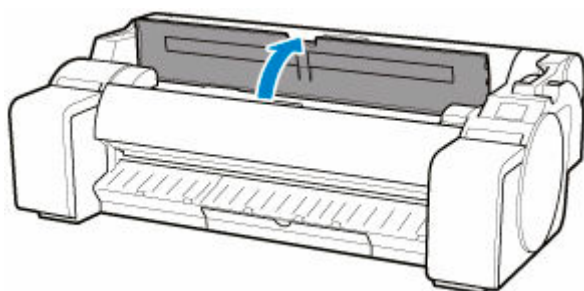
2. Tap **Platen cleaning**.

A confirmation message appears.

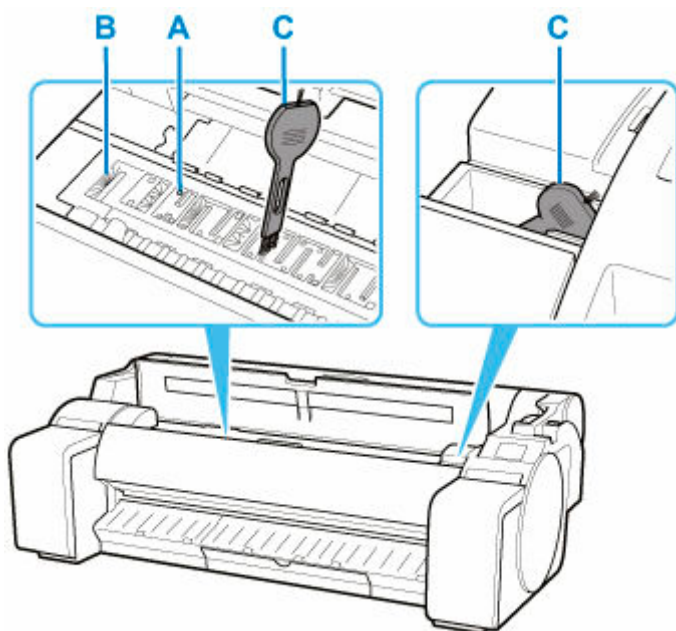
3. Tap **Yes**.

The carriage moves and after it stops moving, instructions appear on the touch screen.

4. Open top cover.

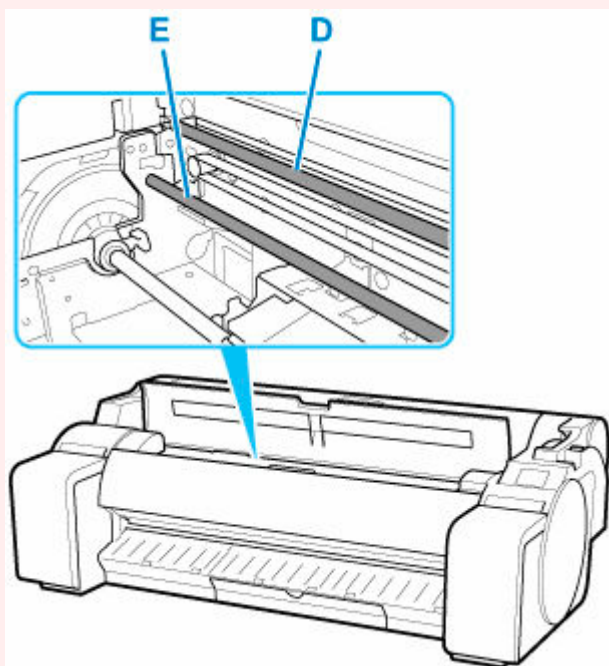


5. If paper dust has accumulated in vacuum holes (A) on platen or in ink grooves (B), use cleaning brush (C), provided with printer, to wipe it away.



Important

- Do not touch the linear scale (D) or carriage shaft (E). Touching these may cause malfunction.

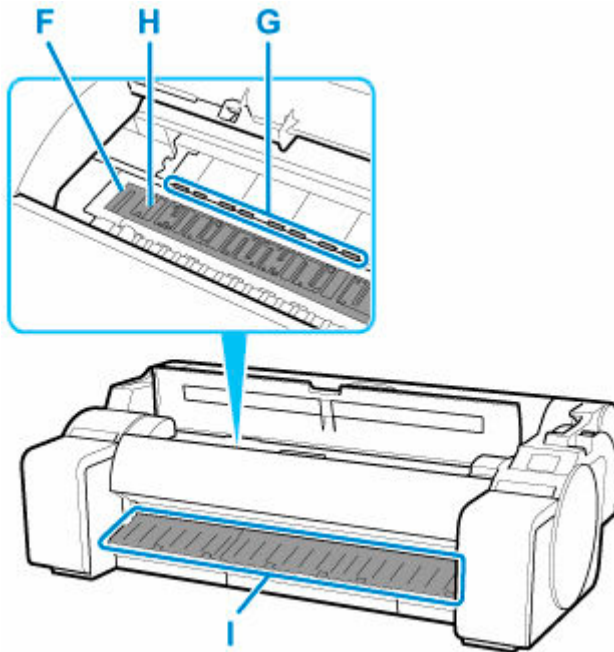


Note

- If the cleaning brush is dirty, rinse it in water.

6. Clean the inside of the top cover with a completely wrung out damp cloth.

Wipe away any ink residue and paper dust (debris from cutting) on entire platen (F), paper retainer (G), ink grooves (H), and output guide (I), and so on.



⚠ Warning

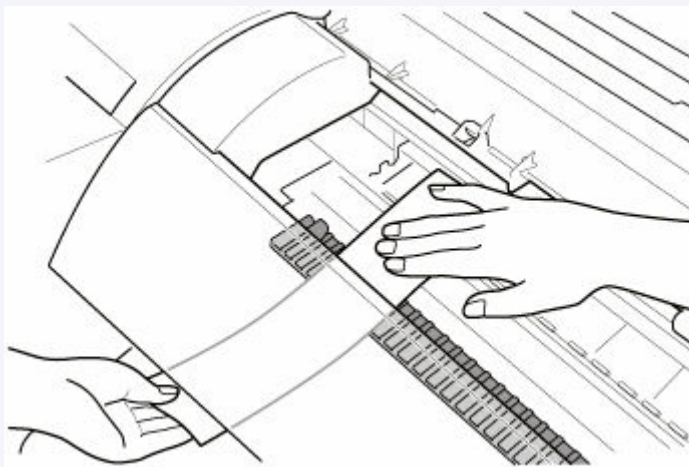
- Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

➤➤ Important

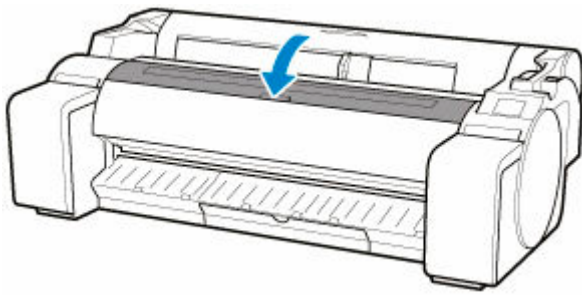
- Do not use a dry cloth to wipe inside the top cover. This may create a static charge, which may attract dust and affect the printing quality.
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

➤➤ Note

- When cleaning between the platen and ejection guide, use a damp cloth that you have wrung out completely to wipe over the output tray and along grooves.



2. Close top cover.



Other Maintenance

- **Preparing to Transfer the Printer**
- **Reinstalling the Printer**
- **Firmware update**

Preparing to Transfer the Printer

To protect the internal parts in transit, always follow these steps before transferring the printer to a new location.

For details on installing printer after transfer, see [Reinstalling the Printer](#).

▶▶▶ Important

- Avoid tilting the printer excessively in transit. This may cause ink in the printer to leak and cause stains.
- When you select **Prepare to move**, any registered web services will be canceled. After moving your printer, set up your web services again.

➔ [Web service setup](#)

▶▶▶ Note

- The maintenance cartridge replacement may be required when you execute the **Prepare to move** menu. Prepare the maintenance cartridge in advance while referring below. The number of maintenance cartridge required varies depending on the amount remaining in the maintenance cartridge being used.
- If you can move the printer in a level state using casters or something similar, you do not need to execute **Prepare to move**.
- Always follow the instructions of the service representative when preparing to transfer the printer.

The following lists transport restrictions by type of transport.

Move on the same floor

Usage Examples: Move indoors by carrying

- Transport and storage in low temperature environments: No
- Required maintenance cartridges: 1

Transport outdoors

Usage Examples: Transport by vehicle

- Transport and storage in low temperature environments: Yes
- Required maintenance cartridges: 1

Preparing for Transportation

1. Remove the paper.

- Rolls
 - ➔ [Removing the Roll from the Printer](#)
- Sheet
 - ➔ [Removing Sheets](#)

2. If touch screen indicates to replace maintenance cartridge, replace maintenance cartridge.

➔ [Replacing the Maintenance Cartridge](#)

3. Tap  (**Setup**) > **Maintenance** on HOME screen.

➔ [Home Screen Menu Composition](#)

The **Maintenance** screen appears.

4. Tap **Prepare to move**.

5. Tap **Move on the same floor** or **Transport outdoors**.

A confirmation message appears.

6. Tap **Yes**.

The printer is now prepared for transfer.

When the preparation is finished, a message prompting you to open the ink tank cover appears on the touch screen.

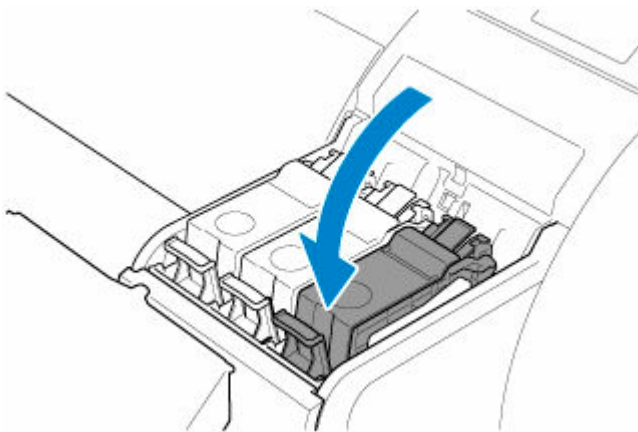
»» Important

- If consumables must be replaced, a message appears on the touch screen, and preparation is disabled. If the message appears, tap **OK** and contact your Canon dealer for assistance.

7. Open ink tank cover to remove all ink tanks.

➔ [Replacing Ink Tanks](#)

8. Push all ink tank lock levers closed until they click into place.



9. Close ink tank cover.

Ink is now drawn into the maintenance cartridge.

A confirmation message will appear when the process is finished.

▶▶▶ Important

- Do not remove the maintenance cartridge except when the message indicating replacement is displayed.

If you remove the maintenance cartridge while ink is being removed, the ink may leak out.

10. Press **ON** button and turn off printer.

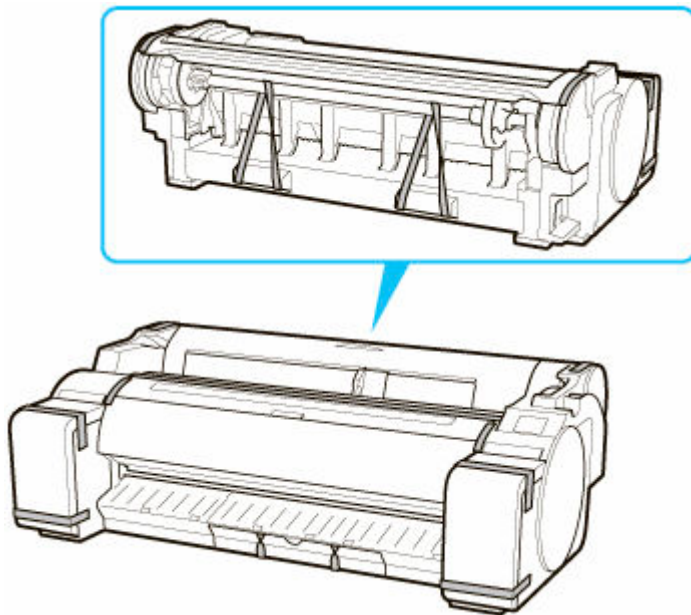
Packing Printer

1. Disconnect power cord and interface cable.

▶▶▶ Important

- Turn off the printer before you unplug it. Unplugging the printer before it is off and moving it may damage the printer. If you accidentally unplug the printer, plug it in again, reinstall the ink tanks, and follow this procedure again.

2. Tape down printer covers to secure them, in the reverse order of tape removal during installation.



3. Remove the stand by reversing the installation procedure, when it was attached to the printer.
4. Disassemble and repackage the stand by following the installation procedure in reverse.
5. Repack roll holder, holder stopper, and printer in shipping materials, and then package them in shipping box.

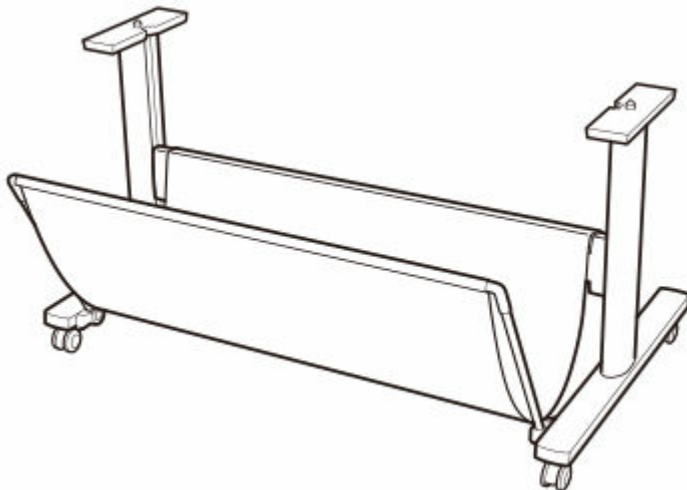
Reinstalling the Printer

The basic workflow for reinstalling the printer is as follows.

For detailed instructions, see the Setup Guide.

Assemble the stand (Option)

1. To use the optional stand, assemble the stand by referring to the Printer Stand Setup Guide that was provided with the stand.

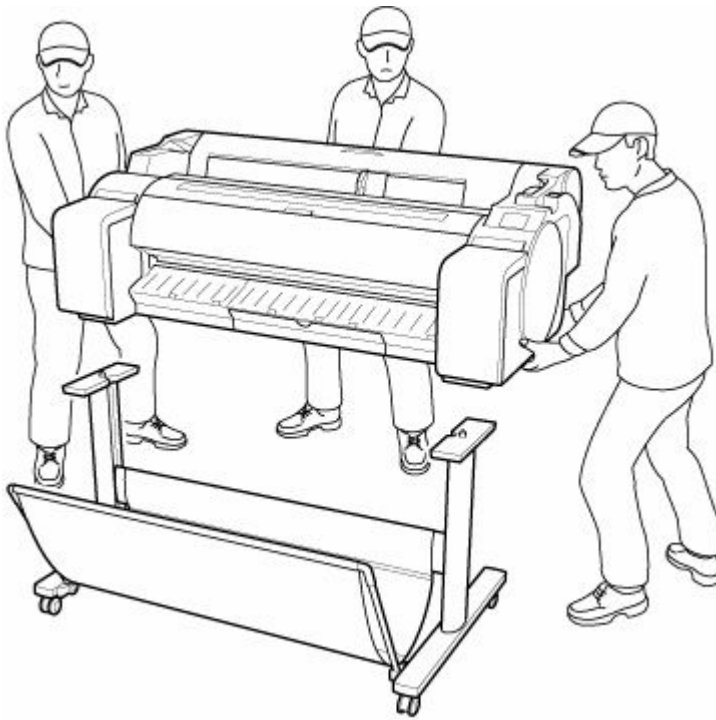


⚠ Caution

- The stand must be assembled by at least two people on a flat surface. Attempting assembly by yourself poses a risk of injury or bending the Stand.
 - When assembling the stand, lock all four of the casters. Attempting to move the stand when the casters are locked poses a risk of injury or damage to the location site.
 - When moving the stand, make sure that the basket does not graze the floor and that all four of the casters are unlocked before moving the stand. Not doing so may damage the basket, scratch the floor, or cause injuries.
-

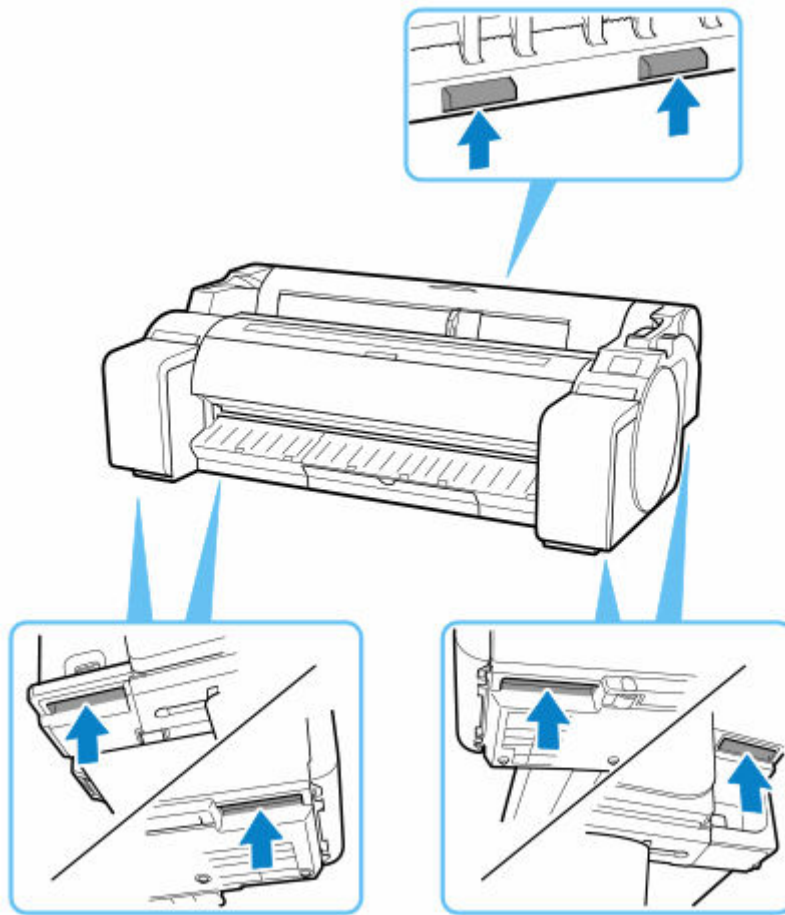
Install the printer

1. Mount the printer on the assembled stand and tighten the screws firmly.



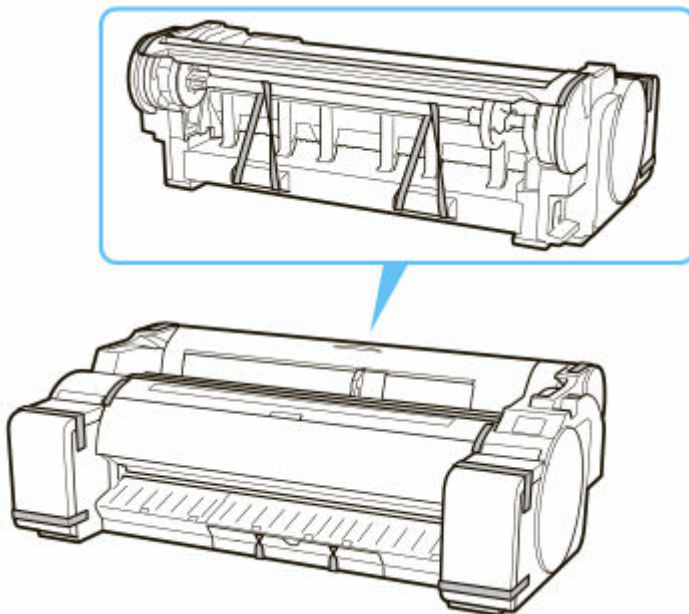
⚠ Caution

- Moving the printer requires at least three people. Be careful to avoid back strain and other injuries.
- When moving the printer, firmly grasp the carrying grips. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.

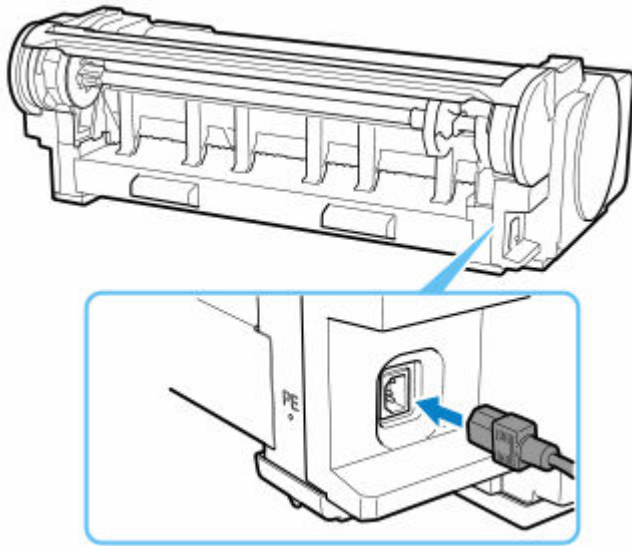


- When placing the printer on the stand, lock all four of the casters of the stand. Attempting to place the printer on the stand while the casters are not locked poses a risk of injury.
-

2. Remove tape and packaging material attached to the printer.



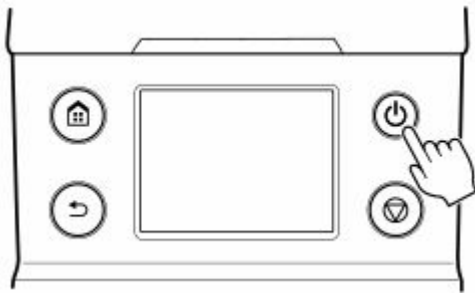
3. Connect the power cord to the power cord connector on the right side of the printer.



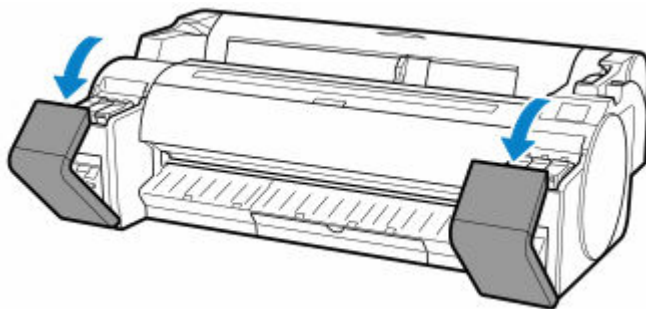
4. Plug the power cord into the outlet.

5. Press **ON** button to turn on printer.

When "Install the printer here? Do not install the ink tanks yet." appears, tap **Yes**.

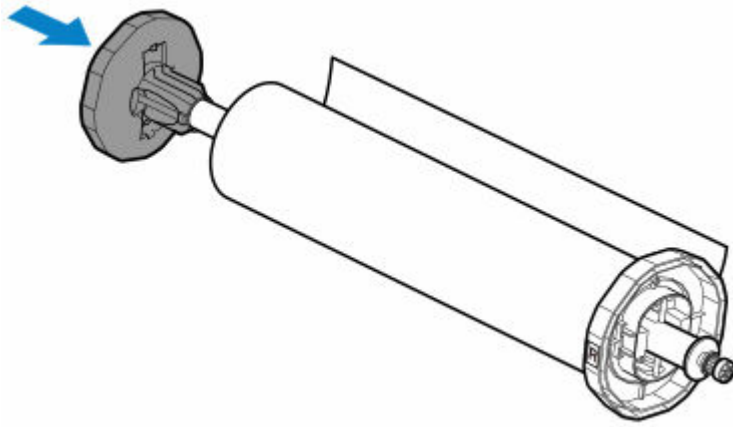


6. When instructions for loading ink tank appear on operation panel, open ink tank cover and load ink tank.



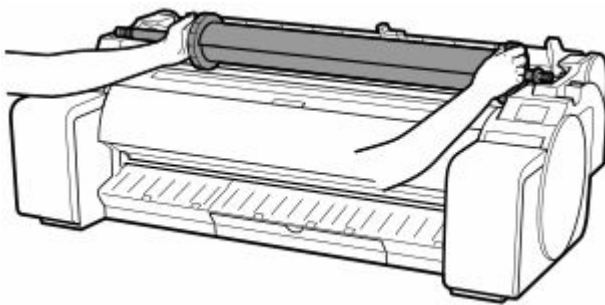
7. Loading Rolls on the roll holder

(See "[Loading Rolls on the Roll Holder.](#)")



8. Load the Roll Media in the printer.

(See "[Loading Rolls in the Printer.](#)")



9. Install the software.

Note that the driver installation procedure varies depending on the type of connection.

(See "[Installing the Printer Driver](#)" (Windows).)

(See "Installing the Printer Driver" (macOS).)

»» Important

- When the printer is connected to a network (via TCP/IP), the printer's IP address may be changed if you reinstall the printer.
In this case, be sure to reconfigure the printer's IP address.
- When you select **Prepare to move**, any registered web services will be canceled. After moving your printer, set up your web services again.

➔ [Web service setup](#)

Firmware update

»» Important

- When you use this function, make sure the printer is connected to the Internet.
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

Using Operation Panel

1. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Firmware update**.

If an administrator password is set, enter the password.

4. Tap **Install update**.

5. Tap **Yes**.

6. Confirm displayed message and tap **Start update**.

Using Remote UI

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Firmware update**.

3. Select **Install update**.

4. Confirm displayed message and select **Update**.

»» Note

- If the firmware update is not complete, check the following and take an appropriate action.
 - Check the network settings such as a wireless router.
 - If **Cannot connect to the server**. is displayed on the touch screen, select **OK** and try again after a while.

Specifications

- Specifications
- Print Area

Specifications

- ➔ Printer specifications
 - ➔ [GP-300 / GP-5300](#)
 - ➔ [GP-200 / GP-5200](#)
- ➔ [Printing performance](#)
- ➔ [Memory and hard disk](#)
- ➔ [Interface](#)
- ➔ [Network Specifications](#)
- ➔ [Operating Conditions](#)
- ➔ [Ink](#)
- ➔ [Paper](#)

▶▶▶ Important

- The following values may vary depending on the operating environment.

Printer specifications

GP-300 / GP-5300

Power supply	100-240 V AC (50/60 Hz)
Power consumption	<p>When printing: 74 W max. *1</p> <p>In Sleep mode: 2.0 W max. *1</p> <p>Standby (all ports connected): 2.1 W max.</p> <p>When power is off: 0.3 W max. *2</p> <p>*1 Wired LAN connection</p> <p>*2 The printer uses a trace amount of power even when turned off. To stop all power consumption, turn off the printer and unplug the power cord.</p>
Operating environment	<p>Temperature: 59 to 86 °F (15 to 30 °C)</p> <p>Humidity: 10 to 80 % RH (with no condensation)</p>
Dimensions (W x D x H)	<p>Printer only:</p> <p>Approx. 50.8 x 29.5 x 17.3 in. (1289 x 748 x 439 mm)</p> <p>Printer and Stand SD-33 (when opening the basket):</p> <p>Approx. 50.8 x 34.3 x 41.8 in. (1289 x 870 x 1060 mm)</p> <p>Stand may not be provided depending on the region where the printer is purchased.</p>
Weight	<p>Printer only (without print head and ink tanks):</p> <p>Approx. 108 lb (49 kg)</p> <p>Printer and Stand SD-33 (without print head and ink tanks):</p> <p>Approx. 134 lb (61 kg)</p>

Space for installation (W x D x H)	Printer only: Approx. 66.5 x 53.5 x 29.1 in. (1689 x 1358 x 739 mm) Printer and Stand SD-33 (when opening the basket): Approx. 66.5 x 57.9 x 53.6 in. (1689 x 1470 x 1360 mm)
---	--

GP-200 / GP-5200

Power supply	100-240 V AC (50/60 Hz)
Power consumption	When printing: 71 W max. *1 In Sleep mode: 2.0 W max. *1 Standby (all ports connected): 2.1 W max. When power is off: 0.3 W max. *2 *1 Wired LAN connection *2 The printer uses a trace amount of power even when turned off. To stop all power consumption, turn off the printer and unplug the power cord.
Operating environment	Temperature: 59 to 86 °F (15 to 30 °C) Humidity: 10 to 80 % RH (with no condensation)
Dimensions (W x D x H)	Printer only: Approx. 38.7 x 29.5 x 17.3 in. (982 x 748 x 439 mm) Printer and Stand SD-24 (when opening the basket): Approx. 38.7 x 34.3 x 41.8 in. (982 x 870 x 1060 mm) Stand may not be provided depending on the region where the printer is purchased.
Weight	Printer only (without print head and ink tanks): Approx. 91 lb (41 kg) Printer and Stand SD-24 (without print head and ink tanks): Approx. 115 lb (52 kg)
Space for installation (W x D x H)	Printer only: Approx. 54.5 x 53.5 x 29.1 in. (1382 x 1358 x 739 mm) Printer and Stand SD-24 (when opening the basket): Approx. 54.5 x 57.9 x 53.6 in. (1382 x 1470 x 1360 mm)

Printing performance

Print method	Bubblejet
Maximum resolution	2400 dpi (horizontally) * x 1200 dpi (vertically) * Prints with a minimum 1/2400 inch dot pitch between ink droplets.
Print head	PF-07

Number of nozzles	2560 nozzles per color
-------------------	------------------------

Memory and hard disk

Memory	Physical memory 2GB
Hard disk capacity	500 GB Personal mail boxes (Permanent storage area): 308 GB
Print job storage capacity	Common Box: 100 jobs Personal Boxes: 100 jobs

Interface

USB and the network can be used at the same time.

You cannot use Wi-Fi and wired LAN at the same time.

USB	Hi-Speed USB * * To use Hi-Speed USB, your computer must support Hi-Speed USB. Additionally, the Hi-Speed USB interface is completely backward compatible with USB 1.1, so the printer can be connected even if the computer interface is USB 1.1.
USB memory	USB flash drive
LAN	Wired LAN: IEEE802.3ab (1000BASE-T) / IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) Wi-Fi: IEEE802.11n / IEEE802.11g / IEEE802.11b

Network Specifications

Communication protocol	SNMP, HTTP, TCP/IP (IPv4/IPv6), FTP
Wired LAN specifications	Compliance standards: IEEE802.3ab (1000BASE-T) / IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) Transmission speed: 10 Mbps / 100 Mbps / 1000 Mbps (automatically selected) Security: IEEE802.1X (EAP-TLS/EAP-TTLS/PEAP)
Wi-Fi specifications	Compliance standards: IEEE802.11n / IEEE802.11g / IEEE802.11b Frequency range: 2.4 GHz Channels: 1-11 or 1-13 * * Varies by country and region. Effective range: Indoors 164 feet/50 m * * Varies according to environmental conditions. Security: WEP (64/128 bits)

	WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES) Setup: WPS (push button method/PIN code method) Easy wireless connect
--	---

Operating Conditions

If operating conditions of the operating system are high, follow those.

Windows

Compatible Operating System (Standard supplied printer driver)	Windows 10 Windows 8.1 Windows 7 Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Windows Server 2012 Windows Server 2008 R2 Use the latest Service Pack available.
Free hard disk space	20 GB or more

macOS

Compatible Operating System (Standard supplied printer driver)	macOS High Sierra 10.13.6 - macOS Big Sur 11
Free hard disk space	20 GB or more

Other Supported OS

iOS, iPadOS, Android Some functions may not be available with the supported OS.
--

- An Internet connection is required to use the Online Manual.
- To install the software while using Windows, you must have a CD-ROM drive or a network connection.
- To install the software while using macOS, you must have a network connection.

Ink

For information on the ink the printer supports, see [Ink Tanks](#).

Paper

For details on the compatible media types, see Paper Information List.

For details on the paper widths supported by the printer, see [Paper Sizes](#).

For details about Print Area, see [Print Area](#).

Print Area

A margin required by the printer is added with respect to the size of paper loaded in the printer. Except in borderless printing, the actual printing area corresponds to the paper size minus the space for this margin.

▶▶ Note

- Printable Area: The area that can be printed.
- For borderless printing with roll paper, the margin is 0 in. (0 mm).
 - ➔ [Printing without Edges Based on the Scenarios](#) (Windows)
 - ➔ Printing without Edges Based on the Scenarios (macOS)
- Recommended Print Area: We recommend printing within this area.
- To match the document size with the actual printing area, print on oversize paper with the required margin added.
 - ➔ [Printing to Oversized Paper Sizes](#) (Windows)
 - ➔ Printing to Oversized Paper Sizes (macOS)

Sheets

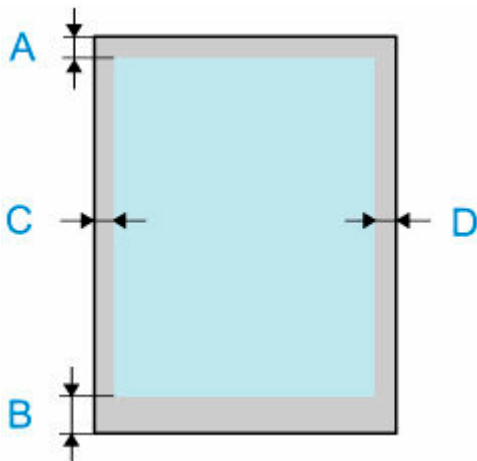
Printable Area:

A margin of 0.2 in. (3 mm) on top, 0.5 in. (12.7 mm) on bottom*, and 0.2 in. (3 mm) on left and right sides is required.

Recommended Print Area:

A margin of 0.8 in. (20 mm) on top, 0.8 in. (20 mm) on bottom*, and 0.2 in. (3 mm) on left and right sides is required.

* The bottom margin for cut sheet depends on an OS and applications.



- A: Top Edge
- B: Bottom Edge
- C: Left Edge
- D: Right Edge

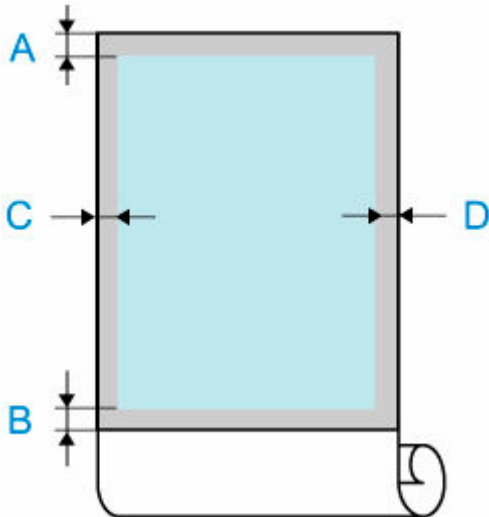
Rolls

Printable Area:

A margin of 0.2 in. (3 mm) on top and bottom and 0.2 in. (3 mm) on left and right sides is required. For borderless printing, the margins on top, bottom, left, and right are 0 in. (0 mm). For paper that supports borderless printing, see Paper Information List.

Recommended Print Area:

A margin of 0.8 in. (20 mm) on top, 0.2 in. (3 mm) on bottom, and 0.2 in. (3 mm) on left and right sides is required.






- A: Top Edge
- B: Bottom Edge
- C: Left Edge
- D: Right Edge

Appendix

- **Manuals and Their Contents**
- **Safety**
- **Online Manual**
- **Using This Online Manual**
- **Trademarks and Licenses**

Manuals and Their Contents

Quick Guide	Replacing paper, ink tanks, and print head. 
Setup Guide	Installing the printer and software. 
Printer Stand Setup Guide	Assembling the stand. 

Safety

- **Safety Precautions**
- **Regulatory Information**
- **WEEE (EU&EEA)**
- **When Repairing, Lending, or Disposing of the Printer**

Safety Precautions

Choosing a location

- Never install the printer on an unstable or vibrating surface.
- Do not install the printer in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.

To avoid the risk of fire or electric shocks, use the printer under the operating environment specified in the [Specifications](#).

- Do not place the printer on a thick rug or carpet.
- Do not place the printer with its back attached to the wall.
- We recommend ensuring ample space for installation.
- Do not install the printer near sources of strong electromagnetic fields, whether equipment that generates such fields or places where such fields occur.

Power Supply

- Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.
Pulling the cord may damage the power cord, leading to possible fire or electrical shock.
- Do not use an extension lead/cord.

Working Around the Printer

- Never put your hands or fingers in the printer while it is printing.
- Firmly grasp the carrying grips on each side in the base. Holding the printer at other positions is dangerous and cause injury and damage if the printer is dropped.
- Use the following number of people to hold the printer when transporting the printer by carrying it. The weight may cause pain such as back pain.
For the GP-300, GP-5300 : 3 people or more
For the GP-200, GP-5200 : 3 people or more
- When using and transferring the printer, do not tilt it, stand it on its side, or turn it upside down. There is a risk of the ink spilling.
- When transferring the printer tilted, always perform the steps in "[Preparing to Transfer the Printer](#)" in order to protect the internal structure.
- Do not place any object on the printer. Especially do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer.

Print Heads/Ink Tanks/Maintenance Cartridges

- Keep ink tanks out of the reach of children. In case ink is accidentally licked or swallowed, rinse out mouth or give one or two glasses of water to drink. If irritation or discomfort occurs, obtain medical advice immediately.

- In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Never touch the electrical contacts on a print head after printing.
The metal parts may be very hot and could cause burns.
- Do not throw ink tanks and maintenance cartridges into fire.
- Do not attempt to disassemble or modify the print head, ink tanks, and maintenance cartridges.
- Avoid dropping or shaking print head, ink tanks, and maintenance cartridges.

Regulatory Information

Users in the U.S.A.

FCC Notice (U.S.A. Only)

For 120V, 60Hz model

Model Number: K10548/K10547 (Contains FCC Approved WLAN Module K30357)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of a shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The equipment complies with FCC radiation exposure limits for uncontrolled equipment. This equipment should be installed and operated with minimum distance at least 20cm between the radiator and persons body (excluding extremities: hands, wrists, feet and ankles) and must not be colocated or operated with any other antenna or transmitter.

Canon U.S.A., Inc.

One Canon Park

Melville, New York 11747

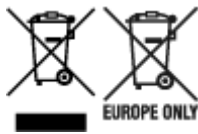
1-800-652-2666

Interference

Do not use the printer around medical equipment or other electronic devices. Signals from the printer may interfere with the correct operation of these devices.

WEEE (EU&EEA)

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



These symbols indicate that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU), the Battery Directive (2006/66/EC) and/or national legislation implementing those Directives. If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg = Mercury, Cd = Cadmium, Pb = Lead) is present in this battery or accumulator at a concentration above an applicable threshold specified in the Battery Directive. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE) and batteries and accumulators. Improper handling of this type of waste could have a possible impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about the recycling of this product, please contact your local city office, waste authority, approved scheme or your household waste disposal service or visit www.canon-europe.com/weee, or www.canon-europe.com/battery.

Nur für Europäische Union und EWR (Norwegen, Island und Liechtenstein)



Diese Symbole weisen darauf hin, dass dieses Produkt gemäß WEEE-Richtlinie (2012/19/EU; Richtlinie über Elektro- und Elektronik-Altgeräte), Batterien-Richtlinie (2006/66/EG) und nationalen Gesetzen zur Umsetzung dieser Richtlinien nicht über den Hausmüll entsorgt werden darf. Falls sich unter dem oben abgebildeten Symbol ein chemisches Symbol befindet, bedeutet dies gemäß der Batterien-Richtlinie, dass in dieser Batterie oder diesem Akkumulator ein Schwermetall (Hg = Quecksilber, Cd = Cadmium, Pb = Blei) in einer Konzentration vorhanden ist, die über einem in der Batterien-Richtlinie angegebenen Grenzwert liegt. Dieses Produkt muss bei einer dafür vorgesehenen Sammelstelle abgegeben werden. Dies kann z. B. durch Rückgabe beim Kauf eines neuen ähnlichen Produkts oder durch Abgabe bei einer autorisierten Sammelstelle für die Wiederaufbereitung von Elektro- und Elektronik-Altgeräten sowie Batterien und Akkumulatoren geschehen. Der unsachgemäße Umgang mit Altgeräten kann aufgrund potenziell gefährlicher Stoffe, die generell mit Elektro- und Elektronik-Altgeräten in Verbindung stehen, negative Auswirkungen auf die Umwelt und die menschliche Gesundheit haben. Durch Ihre Mitarbeit bei der umweltgerechten Entsorgung dieses Produkts tragen Sie zu einer effektiven Nutzung natürlicher Ressourcen bei. Um weitere Informationen über die Wiederverwertung dieses Produkts zu erhalten, wenden Sie sich an Ihre Stadtverwaltung, den öffentlich-rechtlichen Entsorgungsträger, eine autorisierte Stelle für die Entsorgung von Elektro- und Elektronik-Altgeräten

oder Ihr örtliches Entsorgungsunternehmen oder besuchen Sie www.canon-europe.com/weee, oder www.canon-europe.com/battery.

Union Européenne, Norvège, Islande et Liechtenstein uniquement.



Ces symboles indiquent que ce produit ne doit pas être mis au rebut avec les ordures ménagères, comme le spécifient la Directive européenne DEEE (2012/19/UE), la Directive européenne relative à l'élimination des piles et des accumulateurs usagés (2006/66/CE) et les lois en vigueur dans votre pays appliquant ces directives. Si un symbole de toxicité chimique est imprimé sous le symbole illustré ci-dessus conformément à la Directive relative aux piles et aux accumulateurs, il indique la présence d'un métal lourd (Hg = mercure, Cd = cadmium, Pb = plomb) dans la pile ou l'accumulateur à une concentration supérieure au seuil applicable spécifié par la Directive. Ce produit doit être confié au distributeur à chaque fois que vous achetez un produit neuf similaire, ou à un point de collecte mis en place par les collectivités locales pour le recyclage des Déchets des Équipements Électriques et Électroniques (DEEE). Le traitement inapproprié de ce type de déchet risque d'avoir des répercussions sur l'environnement et la santé humaine, du fait de la présence de substances potentiellement dangereuses généralement associées aux équipements électriques et électroniques. Votre entière coopération dans le cadre de la mise au rebut correcte de ce produit favorisera une meilleure utilisation des ressources naturelles. Pour plus d'informations sur le recyclage de ce produit, contactez vos services municipaux, votre éco-organisme ou les autorités locales compétentes, ou consultez le site www.canon-europe.com/weee, ou www.canon-europe.com/battery.

Uitsluitend bestemd voor de Europese Unie en EER (Noorwegen, IJsland en Liechtenstein)



Met deze symbolen wordt aangegeven dat dit product in overeenstemming met de AEEA-richtlijn (2012/19/EU), de richtlijn 2006/66/EG betreffende batterijen en accu's en/of de plaatselijk geldende wetgeving waarin deze richtlijnen zijn geïmplementeerd, niet bij het normale huisvuil mag worden weggegooid. Indien onder het hierboven getoonde symbool een chemisch symbool gedrukt staat, geeft dit in overeenstemming met de richtlijn betreffende batterijen en accu's aan dat deze batterij of accu een zwaar metaal bevat (Hg = kwik, Cd = cadmium, Pb = lood) waarvan de concentratie de toepasselijke drempelwaarde in overeenstemming met de genoemde richtlijn overschrijdt. Dit product dient te worden ingeleverd bij een hiervoor aangewezen inzamelpunt, bijv. door dit in te leveren bij een hiertoe erkend verkooppunt bij aankoop van een gelijksoortig product, of bij een officiële inzameldienst voor de recycling van elektrische en elektronische apparatuur (EEA) en batterijen en accu's. Door de potentieel gevaarlijke stoffen die gewoonlijk gepaard gaan met EEA, kan onjuiste verwerking van dit type afval mogelijk nadelige gevolgen hebben voor het milieu en de menselijke gezondheid. Uw medewerking bij het op juiste wijze weggooiden van dit product draagt bij tot effectief gebruik van natuurlijke hulpbronnen. Voor verdere informatie over recycling van dit product kunt u contact opnemen met uw plaatselijke gemeente,

afvaldienst, officiële dienst voor klein chemisch afval of afvalstortplaats, of kunt u terecht op www.canon-europe.com/weee, of www.canon-europe.com/battery.

Sólo para la Unión Europea y el Área Económica Europea (Noruega, Islandia y Liechtenstein)



Estos iconos indican que este producto no debe desecharse con los residuos domésticos de acuerdo con la Directiva sobre RAEE (2012/19/UE) y la Directiva sobre Pilas y Acumuladores (2006/66/CE) y/o la legislación nacional. Si aparece un símbolo químico bajo este icono, de acuerdo con la Directiva sobre Pilas y Acumuladores, significa que la pila o el acumulador contiene metales pesados (Hg = Mercurio, Cd = Cadmio, Pb = Plomo) en una concentración superior al límite especificado en dicha directiva. Este producto deberá entregarse en un punto de recogida designado, por ejemplo, entregándolo en el lugar de venta al adquirir un producto nuevo similar o en un centro autorizado para la recogida de residuos de aparatos eléctricos y electrónicos (RAEE), baterías y acumuladores. La gestión incorrecta de este tipo de residuos puede afectar al medio ambiente y a la salud humana debido a las sustancias potencialmente nocivas que suelen contener estos aparatos. Su cooperación en la correcta eliminación de este producto contribuirá al correcto aprovechamiento de los recursos naturales. Los usuarios tienen derecho a devolver pilas, acumuladores o baterías usados sin coste alguno. El precio de venta de pilas, acumuladores y baterías incluye el coste de la gestión medioambiental de su desecho, y no es necesario mostrar la cuantía de dicho coste en la información y la factura suministradas a los usuarios finales. Si desea más información sobre el reciclado de este producto, póngase en contacto con su municipio, el servicio o el organismo encargado de la gestión de residuos domésticos o visite www.canon-europe.com/weee, o www.canon-europe.com/battery.

Només per a la Unió Europea i a l'Espai Econòmic Europeu (Noruega, Islàndia i Liechtenstein)



Aquests símbols indiquen que aquest producte no s'ha de llençar amb les escombraries de la llar, d'acord amb la RAEE (2012/19/UE), la Directiva relativa a piles i acumuladors (2006/66/CE) i la legislació nacional que implementi aquestes directives. Si al costat d'aquest símbol hi apareix imprès un símbol químic, segons especifica la Directiva relativa a piles i acumuladors, significa que la bateria o l'acumulador conté un metall pesant (Hg = mercuri, Cd = cadmi, Pb = plom) en una concentració superior al límit aplicable especificat en la Directiva. Aquest producte s'hauria de lliurar en un dels punts de recollida designats, com per exemple, intercanviant un per un en comprar un producte similar o lliurant-lo en un lloc de recollida autoritzat per al reciclatge de residus d'aparells elèctrics i electrònics (RAEE) i piles i acumuladors. La manipulació inadequada d'aquest tipus de residus podria tenir un impacte negatiu en l'entorn i en la salut humana, a causa de les substàncies potencialment perilloses que normalment estan associades a l'RAEE. La vostra cooperació a l'hora de rebutjar correctament aquest producte contribuirà a la utilització efectiva dels recursos naturals. Els usuaris tenen dret a retornar les bateries o

els acumuladors usats sense cap càrrec. El preu de venda de les bateries i els acumuladors inclou el cost de la gestió ambiental dels residus i no es necessari mostrar l'import d'aquest cost en aquest fullet o en la factura que es lliuri a l'usuari final. Per a més informació sobre el reciclatge d'aquest producte, contacteu amb l'oficina municipal, les autoritats encarregades dels residus, el pla de residus homologat o el servei de recollida d'escombraries domèstiques de la vostra localitat o visiteu www.canon-europe.com/weee, o www.canon-europe.com/battery.

Solo per Unione Europea e SEE (Norvegia, Islanda e Liechtenstein)



Questi simboli indicano che il prodotto non può essere smaltito con i rifiuti domestici, ai sensi della Direttiva RAEE (2012/19/UE), della Direttiva sulle Batterie (2006/66/CE) e/o delle leggi nazionali che attuano tali Direttive. Se sotto il simbolo indicato sopra è riportato un simbolo chimico, in osservanza della Direttiva sulle batterie, tale simbolo indica la presenza di un metallo pesante (Hg = Mercurio, Cd = Cadmio, Pb = Piombo) nella batteria o nell'accumulatore con un livello di concentrazione superiore a una soglia applicabile specificata nella Direttiva sulle batterie. Il prodotto deve essere conferito a un punto di raccolta designato, ad esempio il rivenditore in caso di acquisto di un nuovo prodotto simile oppure un centro di raccolta autorizzato per il riciclaggio di rifiuti di apparecchiature elettriche ed elettroniche (RAEE) nonché di batterie e accumulatori. Un trattamento improprio di questo tipo di rifiuti può avere conseguenze negative sull'ambiente e sulla salute umana a causa delle sostanze potenzialmente nocive solitamente contenute in tali rifiuti. La collaborazione dell'utente per il corretto smaltimento di questo prodotto contribuirà a un utilizzo efficace delle risorse naturali ed eviterà di incorrere in sanzioni amministrative ai sensi dell'art. 255 e successivi del Decreto Legislativo n. 152/06. Per ulteriori informazioni sul riciclaggio di questo prodotto, contattare le autorità locali, l'ente responsabile della raccolta dei rifiuti, un rivenditore autorizzato o il servizio di raccolta dei rifiuti domestici, oppure visitare il sito www.canon-europe.com/weee, o www.canon-europe.com/battery.

Apenas para a União Europeia e AEE (Noruega, Islândia e Liechtenstein)



Estes símbolos indicam que este produto não deve ser eliminado juntamente com o seu lixo doméstico, segundo a Diretiva REEE de 2012/19/UE, a Diretiva de Baterias (2006/66/CE) e/ou a sua legislação nacional que transponha estas Diretivas. Se houver um símbolo químico impresso como mostrado abaixo, de acordo com a Diretiva de Baterias, isto indica que um metal pesado (Hg = Mercúrio, Cd = Cádmiu, Pb = Chumbo) está presente nesta pilha ou acumulador, numa concentração acima de um limite aplicável especificado na Diretiva. Este produto deve ser entregue num ponto de recolha designado, por exemplo num local autorizado de troca quando compra um equipamento novo idêntico, ou num local de recolha autorizado para reciclar equipamento elétrico e eletrónico (EEE) em fim de vida, bem como pilhas e baterias. O tratamento inadequado deste tipo de resíduos pode ter um impacto negativo no ambiente e na saúde humana, devido a substâncias potencialmente perigosas que estão associadas

com equipamentos do tipo EEE. A sua cooperação no tratamento correto deste produto irá contribuir para a utilização mais eficaz dos recursos naturais. Para obter mais informações acerca de como reciclar este produto, por favor contacte as suas autoridades locais responsáveis pela matéria, serviço de recolha aprovado para pilhas e baterias ou serviço de recolha de resíduos sólidos domésticos da sua municipalidade, ou visite www.canon-europe.com/weee, ou www.canon-europe.com/battery.

Gælder kun i Europæiske Union og EØS (Norge, Island og Liechtenstein)



Disse symboler betyder, at produktet ikke må bortskaffes sammen med dagrenovation i henhold til WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EF) og/eller den lokale lovgivning, som disse direktiver er gennemført i. Hvis der i overensstemmelse med batteridirektivet er trykt et kemisk symbol under det symbol, der er vist ovenfor, betyder det, at batteriet eller akkumulatoren indeholder tungmetaller (Hg = kviksølv, Cd = cadmium, Pb = bly) i en koncentration, som ligger over de grænseværdier, der er beskrevet i batteridirektivet. Produktet skal afleveres på et godkendt indsamlingssted, f.eks. i overensstemmelse med en godkendt én-til-én-procedure, når du indkøber et nyt tilsvarende produkt, eller på et godkendt indsamlingssted for elektronikaffald samt for batterier og akkumulatore. Forkert håndtering af denne type affald kan medføre negative konsekvenser for miljøet og menneskers helbred på grund af de potentielt sundhedsskadelige stoffer, der generelt kan forefindes i elektrisk og elektronisk udstyr. Når du foretager korrekt bortskaffelse af produktet, bidrager du til effektiv brug af naturressourcerne. Kontakt din kommune, den lokale affaldsmyndighed, det lokale affaldsanlæg, eller besøg www.canon-europe.com/weee, eller www.canon-europe.com/battery for at få flere oplysninger om genbrug af dette produkt.

Μόνο για την Ευρωπαϊκή Ένωση και τον ΕΟΧ (Νορβηγία, Ισλανδία και Λιχτενστάιν)



Αυτά τα σύμβολα υποδεικνύουν ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα οικιακά απορρίμματα, σύμφωνα με την Οδηγία για τα Απόβλητα Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΑΗΗΕ) (2012/19/ΕΕ), την Οδηγία για τις Ηλεκτρικές Στήλες (2006/66/ΕΚ) ή/και την εθνική νομοθεσία που εφαρμόζει τις Οδηγίες εκείνες. Εάν κάποιο χημικό σύμβολο είναι τυπωμένο κάτω από το σύμβολο που φαίνεται παραπάνω, σύμφωνα με την Οδηγία για τις Ηλεκτρικές Στήλες, υποδηλώνει ότι κάποιο βαρύ μέταλλο (Hg = Υδράργυρος, Cd = Κάδμιο, Pb = Μόλυβδος) υπάρχει στην μπαταρία ή τον συσσωρευτή σε συγκέντρωση μεγαλύτερη από το ισχύον επίπεδο που καθορίζεται στην Οδηγία για τις Ηλεκτρικές Στήλες. Αυτό το προϊόν πρέπει να παραδίδεται σε καθορισμένο σημείο συλλογής, π.χ. σε μια εξουσιοδοτημένη βάση ανταλλαγής όταν αγοράζετε ένα νέο παρόμοιο προϊόν ή σε μια εξουσιοδοτημένη θέση συλλογής για την ανακύκλωση των αποβλήτων ηλεκτρικού και ηλεκτρονικού εξοπλισμού (ΗΗΕ) και των ηλεκτρικών στηλών και συσσωρευτών. Ο ακατάλληλος χειρισμός αυτού του τύπου αποβλήτων μπορεί να έχει αρνητικό αντίκτυπο στο περιβάλλον και την υγεία του ανθρώπου, λόγω δυνητικά επικίνδυνων ουσιών

που γενικά συνδέονται με τον ΗΗΕ. Η συνεργασία σας για τη σωστή απόρριψη αυτού του προϊόντος θα συμβάλει στην αποτελεσματική χρήση των φυσικών πόρων. Για περισσότερες πληροφορίες σχετικά με ανακύκλωση αυτού του προϊόντος, επικοινωνήστε με το τοπικό γραφείο της πόλης σας, την υπηρεσία απορριμμάτων, το εγκεκριμένο σχήμα ή την υπηρεσία απόρριψης οικιακών αποβλήτων ή επισκεφθείτε τη διεύθυνση www.canon-europe.com/weee ή www.canon-europe.com/battery.

Gjelder kun den europeiske union og EØS (Norge, Island og Liechtenstein)



Disse symbolene indikerer at dette produktet ikke skal kastes sammen med husholdningsavfall, i henhold til WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EF) og/eller nasjonal lov som har implementert disse direktivene. Hvis et kjemisk symbol vises under symbolet vist ovenfor, i samsvar med batteridirektivet, indikerer dette at et tungmetall (Hg = kvikksølv, Cd = kadmium, Pb = bly) finnes i batteriet eller akkumulatoren i en konsentrasjon over en gjeldende øvre grense som er spesifisert i batteridirektivet. Produktet må leveres til et dertil egnet innsamlingspunkt, det vil si på en autorisert en-til-en-basis når en kjøper et nytt lignende produkt, eller til et autorisert innsamlingssted for resirkulering av avfall fra elektrisk og elektronisk utstyr (EE-utstyr) og batterier og akkumulatorer. Feil håndtering av denne typen avfall kan være miljø- og helseskadelig på grunn av potensielt skadelige stoffer som ofte brukes i EE-utstyr. Din innsats for korrekt avhending av produktet vil bidra til effektiv bruk av naturressurser. Du kan få mer informasjon om resirkulering av dette produktet ved å kontakte lokale myndigheter, avfallsadministrasjonen, et godkjent program eller husholdningens renovasjonsselskap, eller gå til www.canon-europe.com/weee, eller www.canon-europe.com/battery.

Vain Euroopan unionin sekä ETA:n (Norja, Islanti ja Liechtenstein) alueelle.



Nämä tunnukset osoittavat, että sähkö- ja elektroniikkalaiteromua koskeva direktiivi (SER-direktiivi, 2012/19/EU), paristoista ja akuista annettu direktiivi (2006/66/EY) sekä kansallinen lainsäädäntö kieltävät tuotteen hävittämisen talousjätteen mukana. Jos yllä olevan symbolin alapuolelle on paristodirektiivin mukaisesti painettu kemiallisen aineen tunnus, kyseinen paristo tai akku sisältää raskasmetalleja (Hg = elohopea, Cd = kadmium, Pb = lyijy) enemmän kuin paristodirektiivin salliman määrän. Tuote on vietävä asianmukaiseen keräyspisteeseen, esimerkiksi kodinkoneliikkeeseen uutta vastaavaa tuotetta ostettaessa tai viralliseen sähkö- ja elektroniikkalaiteromun tai paristojen ja akkujen keräyspisteeseen. Sähkö- ja elektroniikkalaiteromun virheellinen käsittely voi vahingoittaa ympäristöä ja ihmisten terveyttä, koska laitteet saattavat sisältää ympäristölle ja terveydelle haitallisia aineita. Tuotteen asianmukainen hävittäminen säästää myös luonnonvaroja. Jos haluat lisätietoja tämän tuotteen kierrätyksestä, ota yhteys kunnan jätehuoltoviranomaisiin tai käyttämäsi jätehuoltoyhtiöön tai käy osoitteessa www.canon-europe.com/weee, tai www.canon-europe.com/battery.

Endast för Europeiska unionen och EES (Norge, Island och Liechtenstein)



De här symbolerna visar att produkten inte får sorteras och slängas som hushållsavfall enligt WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EG) och/eller nationell lagstiftning som implementerar dessa direktiv. Om en kemisk symbol förekommer under ovanstående symbol innebär detta enligt Batteridirektivet att en tungmetall (Hg = Kvicksilver, Cd = Kadmium, Pb = Bly) förekommer i batteriet eller ackumulatorn med en koncentration som överstiger tillämplig gräns som anges i Batteridirektivet. Produkten ska lämnas in på en avsedd insamlingsplats, t.ex. på en återvinningsstation auktoriserad att hantera elektrisk och elektronisk utrustning (EE-utrustning) samt batterier och ackumulatörer eller hos handlare som är auktoriserade att byta in varor då nya, motsvarande köps (en mot en). Olämplig hantering av avfall av den här typen kan ha negativ inverkan på miljön och människors hälsa på grund av de potentiellt farliga ämnen som kan återfinnas i elektrisk och elektronisk utrustning. Din medverkan till en korrekt avfallshantering av produkten bidrar till effektiv användning av naturresurserna. Om du vill ha mer information om var du kan lämna in den här produkten, kontakta ditt lokala kommunkontor, berörd myndighet eller företag för avfallshantering eller se www.canon-europe.com/weee, eller www.canon-europe.com/battery.

Pouze Evropská unie a EHP (Norsko, Island a Lichtenštejnsko)



Tento symbol znamená, že podle směrnice OEEZ (2012/19/EU), směrnice o bateriích (2006/66/ES) a/ nebo podle vnitrostátních právních prováděcích předpisů k těmto směrnici nemá být tento výrobek likvidován s odpadem z domácností. Je-li v souladu s požadavky směrnice o bateriích vytištěna pod výše uvedeným symbolem chemická značka, udává, že tato baterie nebo akumulátor obsahuje těžké kovy (Hg = rtuť, Cd = kadmium, Pb = olovo) v koncentraci vyšší, než je příslušná hodnota předepsaná směrnici. Tento výrobek má být vrácen do určeného sběrného místa, např. v rámci autorizovaného systému odběru jednoho výrobku za jeden nově prodaný podobný výrobek, nebo do autorizovaného sběrného místa pro recyklaci odpadních elektrických a elektronických zařízení (OEEZ), baterií a akumulátorů. Nevhodné nakládání s tímto druhem odpadu by mohlo mít negativní dopad na životní prostředí a lidské zdraví, protože elektrická a elektronická zařízení zpravidla obsahují potenciálně nebezpečné látky. Vaše spolupráce na správné likvidaci tohoto výrobku napomůže efektivnímu využívání přírodních zdrojů. Chcete-li získat podrobné informace týkající se recyklace tohoto výrobku, obraťte se prosím na místní úřad, orgán pro nakládání s odpady, schválený systém nakládání s odpady či společnost zajišťující likvidaci domovního odpadu, nebo navštivte webové stránky www.canon-europe.com/weee nebo www.canon-europe.com/battery.

Csak az Európai Unió és az EGT (Norvégia, Izland és Liechtenstein) országaiban



Ezek a szimbólumok azt jelzik, hogy a termék hulladékkezelése a háztartási hulladéktól különválasztva, az elektromos és elektronikus berendezések hulladékairól (WEEE) szóló (2012/19/EU) irányelvnek és az elemekről és akkumulátorokról, valamint a hulladék elemekről és akkumulátorokról szóló (2006/66/EK) irányelvnek megfelelően és/vagy ezen irányelveknek megfelelő helyi előírások szerint történik.

Amennyiben a fent feltüntetett szimbólum alatt egy vegyjel is szerepel, az elemekről és akkumulátorokról szóló irányelvben foglaltak értelmében ez azt jelzi, hogy az elem vagy az akkumulátor az irányelvben meghatározott határértéknél nagyobb mennyiségben tartalmaz nehézfémeket (Hg = higany, Cd = kadmium, Pb = ólom). E terméket az arra kijelölt gyűjtőhelyre kell juttatni – pl. hasonló termék vásárlásakor a régi becserélésére vonatkozó hivatalos program keretében, vagy az elektromos és elektronikus berendezések (EEE) hulladékainak gyűjtésére, valamint a hulladék elemek és hulladék akkumulátorok gyűjtésére kijelölt hivatalos gyűjtőhelyre. Az ilyen jellegű hulladékok nem előírászerű kezelése az elektromos és elektronikus berendezésekhez (EEE) általánosan kapcsolható potenciálisan veszélyes anyagok révén hatással lehet a környezetre és az egészségre. E termék megfelelő leselejtezésével Ön is hozzájárul a természeti források hatékony használatához. A termék újrahasznosítását illetően informálódjon a helyi polgármesteri hivatalnál, a helyi közterület-fenntartó vállalatnál, a hivatalos hulladéklerakó telephelyen vagy a háztartási hulladék begyűjtését végző szolgáltatónál, illetve látogasson el a www.canon-europe.com/weee, vagy www.canon-europe.com/battery internetes oldalra.

Tylko dla krajów Unii Europejskiej oraz EOG (Norwegia, Islandia i Liechtenstein)



Te symbole oznaczają, że produktu nie należy wyrzucać razem z odpadami gospodarstwa domowego, zgodnie z dyrektywą WEEE w sprawie zużytego sprzętu elektrycznego i elektronicznego (2012/19/UE) lub dyrektywą w sprawie baterii (2006/66/WE) bądź przepisami krajowymi wdrażającymi te dyrektywy.

Jeśli pod powyższym symbolem znajduje się symbol chemiczny, zgodnie z dyrektywą w sprawie baterii oznacza to, że bateria lub akumulator zawiera metal ciężki (Hg = rtęć, Cd = kadm, Pb = ółów) w stężeniu przekraczającym odpowiedni poziom określony w dyrektywie w sprawie baterii.

Użytkownicy baterii i akumulatorów mają obowiązek korzystać z dostępnego programu zwrotu, recyklingu i utylizacji baterii oraz akumulatorów. Niewłaściwe postępowanie z tego typu odpadami może mieć wpływ na środowisko i zdrowie ludzi ze względu na substancje potencjalnie niebezpieczne, związane ze zużytym sprzętem elektrycznym i elektronicznym. Państwa współpraca w zakresie właściwej utylizacji tego produktu przyczyni się do efektywnego wykorzystania zasobów naturalnych. W celu uzyskania informacji o sposobie recyklingu tego produktu prosimy o kontakt z właściwym urzędem miejskim lub zakładem gospodarki komunalnej bądź zapraszamy na stronę www.canon-europe.com/weee, lub www.canon-europe.com/battery.

Platí len pre štáty Európskej únie a EHP (Nórsko, Island a Lichtenštajnsko)



Tieto symboly označujú, že podľa Smernice o odpade z elektrických a elektronických zariadení (OEEZ) 2012/19/EÚ, Smernice o batériách (2006/66/ES) a podľa platnej legislatívy Slovenskej republiky sa tento produkt nesmie likvidovať spolu s komunálnym odpadom. Ak je chemická značka vytlačena pod vyššie uvedeným symbolom, znamená to, že táto batéria alebo akumulátor obsahuje ťažký kov (Hg = ortuť, Cd = kadmium, Pb = olovo) v koncentrácii vyššej, ako je príslušná povolená hodnota stanovená v Smernici o batériách. Produkt je potrebné odovzdať do určenej zberne, napr. prostredníctvom výmeny za kúpu nového podobného produktu, alebo na autorizované zberné miesto, ktoré spracúva odpad z elektrických a elektronických zariadení (EEZ), batérií a akumulátorov. Nesprávna manipulácia s takýmto typom odpadu môže mať negatívny vplyv na životné prostredie a ľudské zdravie, pretože elektrické a elektronické zariadenia obsahujú potenciálne nebezpečné látky. Spoluprácou na správnej likvidácii tohto produktu prispějete k účinnému využívaniu prírodných zdrojov. Ďalšie informácie o recyklácii tohto produktu získate od miestneho úradu, úradu životného prostredia, zo schváleného plánu OEEZ alebo od spoločnosti, ktorá zaisťuje likvidáciu komunálneho odpadu. Viac informácií nájdete aj na webovej stránke: www.canon-europe.com/weee, alebo www.canon-europe.com/battery.

Üksnes Euroopa Liit ja EMP (Norra, Island ja Liechtenstein)



Antud sümbolid viitavad sellele, et vastavalt elektri- ja elektroonikaseadmete jäätmeid käsitlevale direktiivile (2012/19/EL), patareisid ja akusid ning patarei- ja akujäätmeid käsitlevale direktiivile (2006/66/EÜ) ja/või nimetatud direktiive rakendavatele riiklikele õigusaktidele ei või seda toodet koos olmejäätmetega ära visata. Kui keemiline sümbol on trükitud eespool toodud sümboli alla, siis tähendab see, et antud patareis või akus leiduva raskemetalli (Hg = elavhõbe, Cd = kaadmium, Pb = plii) kontsentratsioonitase on kõrgem kui patareisid ja akusid ning patarei- ja akujäätmeid käsitlevas direktiivis sätestatud piirmäär. Antud tootest tekkinud jäätmed tuleb anda vastavasse kogumispunkti, nt müügipunkti, mis on volitatud üks ühe vastu vahetama, kui ostate uue sarnase toote, või vastavasse elektri- ja lektroonikaseadmete jäätmete ning patareide ja akude ümbertöötlemiseks mõeldud kogumispunkti. Antud liiki jäätmete vale käitlemine võib kahjustada keskkonda ja inimeste tervist elektri- ja elektroonikajäätmetes tavaliselt leiduvate potentsiaalselt ohtlike ainete tõttu. Antud tootest tekkinud jäätmete nõuetekohase kõrvaldamisega aitate kasutada loodusvarasid efektiivselt. Täiendava teabe saamiseks elektri- ja elektroonikaseadmetest tekkinud jäätmete ning patarei- ja akujäätmete tagastamise ja ümbertöötlemise kohta võtke ühendust kohaliku omavalitsusega, asjakohase valitsusasutusega, asjakohase tootjavastutusorganisatsiooniga või olmejäätmete käitlejaga. Lisateavet leitate ka Interneti-leheküljelt www.canon-europe.com/weee või www.canon-europe.com/battery.

Tikai Eiropas Savienībai un EEZ (Norvēģijai, Islandei un Lihtenšteinai)



Šie simboli norāda, ka atbilstoši ES Direktīvai (2012/19/ES) par elektrisko un elektronisko iekārtu atkritumiem (EEIA), Direktīvai (2006/66/EK) par baterijām un akumulatoriem, un akumulatoru atkritumiem, ar ko atceļ Direktīvu 91/157/EEK, un vietējiem tiesību aktiem šo izstrādājumu nedrīkst izmest kopā ar sadzīves atkritumiem. Ja zem iepriekš norādītā simbola ir uzdrukāts ķīmiskais simbols, saskaņā ar direktīvu par baterijām un akumulatoriem tas nozīmē, ka šīs baterijas vai akumulatori satur smagos metālus (Hg = dzīvsudrabs, Cd = kadmījs, Pb = svins) un to koncentrācijas līmenis pārsniedz direktīvā par baterijām un akumulatoriem minēto piemērojamo sliekšni. Šis izstrādājums ir jānodod piemērotā savākšanas vietā, piemēram, apstiprinātā veikalā, kur iegādājaties līdzīgu jaunu produktu un atstājat veco, vai apstiprinātā vietā izlietotu elektrisko un elektronisko iekārtu un bateriju un akumulatoru pārstrādei. Nepareiza šāda veida atkritumu apsaimniekošana var apdraudēt vidi un cilvēka veselību tādu iespējami bīstamu vielu dēļ, kas parasti ir elektriskajās un elektroniskajās iekārtās. Jūsu atbalsts pareizā šāda veida atkritumu apsaimniekošanā sekmēs efektīvu dabas resursu izmantošanu. Lai saņemtu pilnīgāku informāciju par šāda veida izstrādājumu nodošanu otrreizējai pārstrādei, sazinieties ar vietējo pašvaldību, atkritumu savākšanas atbildīgo dienestu, pilnvaroto organizāciju vai iestādi, kas veic sadzīves atkritumu apsaimniekošanu, vai apmeklējiet tīmekļa vietni www.canon-europe.com/weee, vai www.canon-europe.com/battery.

Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteinui)



Šie simbolie reiškia, kad šio gaminio negalima išmesti į buitines atliekas, kaip reikalaujama WEEE Direktyvoje (2012/19/ES) ir Baterijų direktyvoje (2006/66/EB) ir (ar) jūsų šalies nacionaliniuose įstatymuose, kuriais šios Direktyvos yra įgyvendinamos. Jeigu cheminio ženklo simbolis yra nurodytas žemiau šio ženklo, tai reiškia, kad vadovaujantis Baterijų direktyvą, baterijų ar akumuliatorių sudėtyje yra sunkiųjų metalų (Hg = gyvsidabris, Cd = kadmio, Pb = švino), kurių koncentracija viršija Baterijų direktyvoje nurodytas leistinas ribas. Šį gaminį reikia pristatyti į specialųjį surinkimo punktą, pavyzdžiui, mainais, kai jūs perkate naują panašų gaminį, arba į specialiąją surinkimo vietą, kurioje perdirbamos elektrinės ir elektroninės įrangos atliekos bei naudotos baterijos ir akumuliatoriai. Dėl netinkamo šio tipo atliekų tvarkymo gali nukentėti aplinka ir iškilti grėsmė žmogaus sveikatai dėl galimai kenksmingų medžiagų, iš esmės susijusių su elektrine ir elektronine įranga. Bendradarbiaudami ir teisingai utilizuodami šiuos gaminius, jūs padėsite efektyviai naudoti gamtinius išteklius. Daugiau informacijos apie gaminio perdirbimą jums gali suteikti vietinis biuras, atliekų tvarkymo bendrovė, sertifikuoti organai ar buitinių atliekų surinkimo įmonės. Taip pat siūloma apsilankyti interneto svetainėje www.canon-europe.com/weee, arba www.canon-europe.com/battery.

Samo za Evropsko unijo in EGP (Norveška, Islandija in Lihtenštajn)



Ti simboli pomenijo, da tega izdelka skladno z Direktivo OEEO (2012/19/EU), Direktivo 2006/66/ES in/ali nacionalno zakonodajo, ki uvaja ti direktivi, ne smete odlagati z nesortiranimi gospodinjskimi odpadki. Če je pod zgoraj prikazanim simbolom natisnjen kemijski simbol, to v skladu z Direktivo pomeni, da je v tej bateriji ali akumulatorju prisotna težka kovina (Hg = živo srebro, Cd = kadmij, Pb = svinec), in sicer v koncentraciji, ki je nad relevantno mejno vrednostjo, določeno v Direktivi. Ta izdelek je potrebno odnesti na izbrano zbirno mesto, t. j. pooblaščenega trgovino, kjer ob nakupu novega (podobnega) izdelka vrnete starega, ali na pooblaščenega zbirno mesto za ponovno uporabo odpadne električne in elektronske opreme (EEO) ter baterij in akumulatorjev. Neustrezno ravnanje s to vrsto odpadkov lahko negativno vpliva na okolje in človeško zdravje zaradi potencialno nevarnih snovi, ki so pogosto povezane z EEO. Vaše sodelovanje pri pravilnem odlaganju tega izdelka predstavlja pomemben prispevek k smotni izrabi naravnih virov. Za več informacij o ponovni uporabi tega izdelka se obrnite na lokalni mestni urad, pristojno službo za odpadke, predstavnika pooblaščenega programa za obdelavo odpadkov ali na lokalno komunalno. Lahko pa tudi obiščete našo spletno stran www.canon-europe.com/weee, ali www.canon-europe.com/battery.

Само за Европейския съюз и ЕИП (Норвегия, Исландия и Лихтенщайн)



Тези символи показват, че този продукт не трябва да се изхвърля заедно с битовите отпадъци съгласно Директивата за ИУЕЕО (2012/19/ЕС), Директивата за батерии (2006/66/ЕО) и/или Вашето национално законодателство, прилагащо тези Директиви. Ако под показания горе символ е отпечатан символ за химически елемент, съгласно разпоредбите на Директивата за батерии, този втори символ означава наличието на тежък метал (Hg = живак, Cd = кадмий, Pb = олово) в батерията или акумулатора в концентрация над указаната граница за съответния елемент в Директивата. Този продукт трябва да бъде предаден в предназначен за целта пункт за събиране, например на база размяна, когато купувате нов подобен продукт, или в одобрен събирателен пункт за рециклиране на излязло от употреба електрическо и електронно оборудване (ИУЕЕО), батерии и акумулатори. Неправилното третиране на този тип отпадъци може да доведе до евентуални отрицателни последици за околната среда и човешкото здраве поради потенциално опасните вещества, които обикновено са свързани с ЕЕО. В същото време Вашето съдействие за правилното изхвърляне на този продукт ще допринесе за ефективното използване на природните ресурси. За повече информация относно това къде можете да предадете за рециклиране на този продукт, моля свържете се с Вашите местни власти, с органа, отговорен за отпадъците, с одобрената система за ИУЕЕО или с Вашата местна служба за битови отпадъци, или посетете www.canon-europe.com/weee, или www.canon-europe.com/battery.

Doar pentru Uniunea Europeană și EEA (Norvegia, Islanda și Liechtenstein)



Aceste simboluri indică faptul că acest produs nu trebuie aruncat împreună cu deșeurile menajere, în conformitate cu Directiva DEEE (2012/19/UE), Directiva referitoare la baterii (2006/66/CE) și/sau legile dvs. naționale ce implementează aceste Directive. Dacă un simbol chimic este imprimat sub simbolul de mai sus, în conformitate cu Directiva referitoare la baterii, acest simbol indică prezența în baterie sau acumulator a unui metal greu (Hg = Mercur, Cd = Cadmiu, Pb = Plumb) într-o concentrație mai mare decât pragul admis specificat în Directiva referitoare la baterii. Acest produs trebuie înmănat punctului de colectare adecvat, ex: printr-un schimb autorizat unu la unu atunci când cumpărați un produs nou similar sau la un loc de colectare autorizat pentru reciclarea reziduurilor de echipament electric și electronic (EEE) și baterii și acumulatori. Administrarea neadecvată a acestui tip de deșeuri, ar putea avea un impact asupra mediului și asupra sănătății umane datorită substanțelor cu potențial de risc care sunt în general asociate cu EEE. Cooperarea dvs. în direcția reciclării corecte a acestui produs va contribui la o utilizare eficientă a resurselor naturale. Pentru mai multe informații despre reciclarea acestui produs, vă rugăm să contactați biroul dvs. local, autoritățile responsabile cu deșeurile, schema aprobată sau serviciul dvs. responsabil cu deșeurile menajere sau vizitați-ne la www.canon-europe.com/weee, sau www.canon-europe.com/battery.

Samo za Europsku uniju i EEA (Norveška, Island i Lihtenštajn)



Oznaka pokazuje da se ovaj proizvod ne smije odlagati s komunalnim i ostalim vrstama otpada, u skladu s direktivom WEEE (2012/19/EC), Direktivom o baterijama (2006/66/EC) i Pravilnikom o gospodarenju otpadnim baterijama i akumulatorima te Pravilnikom o gospodarenju otpadnim električnim i elektroničkim uređajima i opremom. Ako je ispod prethodno prikazane oznake otisnut kemijski simbol, u skladu s Direktivom o baterijama, to znači da se u ovoj bateriji ili akumulatoru nalazi teški metal (Hg = živa, Cd = kadmij, Pb = olovo) i da je njegova koncentracija iznad razine propisane u Direktivi o baterijama. Ovaj bi proizvod trebalo predati ovlaštenom skupljaču EE otpada ili prodavatelju koji je dužan preuzeti otpadni proizvod po sistemu jedan za jedan, ukoliko isti odgovara vrsti te je obavljao primarne funkcije kao i isporučena EE oprema. Otpadne baterije i akumulatori predaju se ovlaštenom skupljaču otpadnih baterija ili akumulatora ili prodavatelju bez naknade i obveze kupnje za krajnjeg korisnika. Neodgovarajuće rukovanje ovom vrstom otpada može utjecati na okoliš i ljudsko zdravlje zbog potencijalno opasnih supstanci koje se najčešće nalaze na takvim mjestima. Vaša suradnja u pravilnom zbrinjavanju ovog proizvoda pridonijet će djelotvornom iskorištavanju prirodnih resursa. Dodatne informacije o recikliranju ovog proizvoda zatražite od svog lokalnog gradskog ureda, službe za zbrinjavanje otpada, odobrenog programa ili komunalne službe za uklanjanje otpada ili pak na stranicama www.canon-europe.com/weee ili www.canon-europe.com/battery.

Korisnici u Srbiji



Ovaj simbol označava da ovaj proizvod ne sme da se odlaže sa ostalim kućnim otpadom, u skladu sa WEEE Direktivom (2012/19/EU), Direktivom o baterijama (2006/66/EC) i nacionalnim zakonima. Ukoliko je ispod gore navedenog simbola odštampan hemijski simbol, u skladu sa Direktivom o baterijama, ovaj simbol označava da su u ovoj bateriji ili akumulatoru prisutni teški metali (Hg – živa, Cd – kadmijum, Pb - olovo) u koncentracijama koje premašuju prihvatljivi prag naveden u Direktivi o baterijama. Ovaj proizvod treba predati određenom centru za prikupljanje, npr. po principu „jedan-za-jedan“ kada kupujete sličan novi proizvod, ili ovlašćenom centru za prikupljanje za reciklažu istrošene električne i elektronske opreme (EEE), baterija i akumulatora. Nepravilno rukovanje ovom vrstom otpada može imati negativne posledice po životnu sredinu i ljudsko zdravlje usled potencijalno opasnih materijala koji se uglavnom vezuju za EEE. Vaša saradnja na ispravnom odlaganju ovog proizvoda će doprineti efikasnom korišćenju prirodnih resursa. Više informacija o tome kako možete da recikirate ovaj proizvod potražite od lokalnih gradskih vlasti, komunalne službe, odobrenog plana reciklaže ili servisa za odlaganje kućnog otpada, ili posetite stranicu www.canon-europe.com/weee, ili www.canon-europe.com/battery.

When Repairing, Lending, or Disposing of the Printer

If you have entered personal data, passwords and/or other security settings on the printer, such information may be stored in the printer.

When sending the printer for repair, lending or transferring the printer to another person, or disposing of the printer, please be sure to follow the steps below in order to delete such information and prevent third parties from accessing it.

➔ [Initializing Printer's Setting](#)

Online Manual

This manual has been confirmed to be displayed on the following web browsers (latest version).

- Windows device
Microsoft Edge and Google Chrome
- macOS/iOS/iPadOS device
Safari
- Android device
Google Chrome

* Set your browser to allow cookies and enable JavaScript.

Screenshots in This Manual

For Windows:

The screenshots used in this manual are taken with Windows 10.

For macOS:

The screenshots used in this manual are taken with macOS Catalina 10.15.

Enhanced Printing Options

► Printing from Your Computer (Windows)

- Printing with Easy Setup 🍷 **Basics**
 - Changing the Type of Paper
- Setting the Number of Copies and Printing Order
- Printing Photos and Business Documents
 - Printing By Setting Print Purpose
 - Edit in PosterArtist and Print
- Changing the Print Quality and Correcting Image Data
 - Adjusting Color Balance
 - Setting the Print Quality Level (Custom)
 - Printing a Color Document in Monochrome
 - Specifying Color Correction
 - Optimal Photo Printing of Image Data
 - Adjusting Colors with the Printer Driver
 - Printing with ICC Profiles
 - Adjusting Brightness
 - Adjusting Contrast
 - Printing Using Detailed Setting Mode
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)
- Set a Custom Size Roll Width
- Printing without Edges Based on the Scenarios
 - Printing without Margins to Match Paper Size
 - Printing without Margins to Match Roll Paper Width
 - Printing Full-Size without Margins
 - Three-sided Borderless Printing on Roll Paper

- Printing Hanging and Horizontal Banners (Large-Format Printing)
- Printing by Dividing/Joining Documents
 - Inputting Multiple-file Documents into Free Layout plus
 - Lining Up and Printing Multiple Documents to Cut Sheets
 - Printing by Connecting Multiple Pages
 - Printing Multiple Pages All on One Page
 - Dividing and Printing Posters
- Printing Document in Center of Paper
- Printing by Saving Roll Paper
 - Saving Roll Paper by Rotating Document 90 Degrees
 - Saving Roll Paper by Eliminating Upper and Lower Margins on Document
- Switching the Paper Source to Match the Purpose
- Displaying the Print Results before Printing
- Link with PosterArtist to print with bright colors
- Specify Fluorescent Colors and Print
- Other Convenient Settings
 - Stamp Printing
 - Registering a Stamp
 - Setting a Page Size and Orientation
 - Registering a Frequently Used Printing Profile
 - Cutting Roll Paper after Printing

► **Printing from Computer (macOS)**

- Printing with Easy Setup 📄 **Basics**
 - Changing the Type of Paper
- Setting the Number of Copies and Printing Order
- Changing the Print Quality and Correcting Image Data
 - Adjusting Color Balance
 - Setting the Print Quality Level (Custom)

- Printing a Color Document in Monochrome
- Specifying Color Correction
 - Optimal Photo Printing of Image Data
 - Adjusting Colors with the Printer Driver
 - Printing with ICC Profiles (Specifying an ICC Profile from the Application Software)
 - Printing with ICC Profiles (Specifying an ICC Profile from the Printer Driver)
- Adjusting Brightness
- Adjusting Contrast
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)
- Set a Custom Size Roll Width
- Print Area
- Printing without Edges Based on the Scenarios
 - Printing without Margins to Match Roll Paper Width
 - Printing Full-Size without Margins
 - Three-sided Borderless Printing on Roll Paper
- Printing Hanging and Horizontal Banners (Large-Format Printing)
- Printing by Dividing/Joining Documents
 - Lining Up and Printing Multiple Documents
 - Printing by Connecting Multiple Pages
 - Printing Multiple Pages All on One Page
- Printing Document in Center of Paper
- Printing by Saving Roll Paper
 - Saving Roll Paper by Rotating Document 90 Degrees
 - Saving Roll Paper by Eliminating Upper and Lower Margins on Document
- Switching the Paper Source to Match the Purpose
- Cutting Roll Paper after Printing
- Specify Fluorescent Colors and Print

- Printing Using AirPrint
- **Printing from Printer**
 - Printing Data Saved on USB Flash Drive
- **Printing from Smartphone/Tablet**
 - Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY
 - Printing from iOS Device (AirPrint)
- **Enlarging Copy with imageRUNNER ADVANCE**
- **Using PIXMA/MAXIFY Cloud Link**

Printing from Your Computer (Windows)

- **Printing with Easy Setup** 📄 **Basic**
- **Setting the Number of Copies and Printing Order**
- **Printing Photos and Business Documents**
- **Changing the Print Quality and Correcting Image Data**
- **Scaled Printing**
- **Printing to Oversized Paper Sizes**
- **Setting Paper Dimensions (Custom Size)**
- **Set a Custom Size Roll Width**
- **Printing without Edges Based on the Scenarios**
- **Printing Hanging and Horizontal Banners (Large-Format Printing)**
- **Printing by Dividing/Joining Documents**
- **Printing Document in Center of Paper**
- **Printing by Saving Roll Paper**
- **Switching the Paper Source to Match the Purpose**
- **Displaying the Print Results before Printing**
- **Link with PosterArtist to print with bright colors**
- **Specify Fluorescent Colors and Print**
- **Other Convenient Settings**

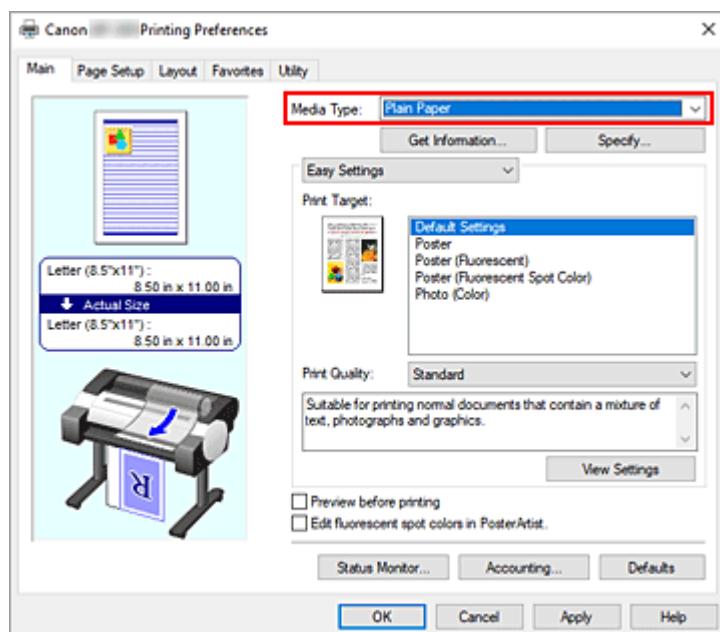
Printing with Easy Setup

This section describes the simple setting procedure so that you can carry out appropriate printing on this printer.

Printing with Easy Setup

1. [Check that printer is turned on](#)
2. Load paper on the printer
Set [roll paper](#) or [cut paper](#) to a printer.
3. Open the [printer driver setup window](#)
4. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



Important

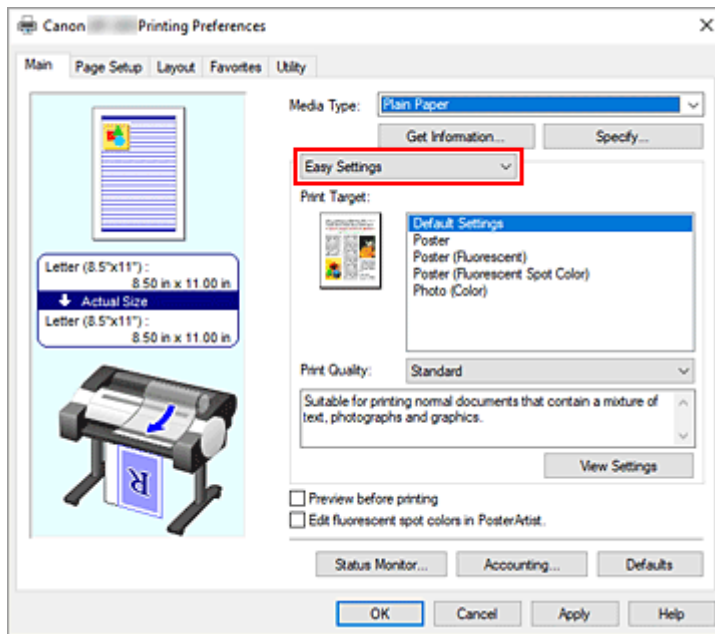
- See "Paper Information List" for Canon authentic paper or Canon output check paper.

Note

- Click **Get Information...** to display the **Paper Information on Printer** dialog box. The **Paper Information on Printer** dialog box allows you to get the paper information from the printer and to set the paper source and the media type on the printer driver.
- For instructions on changing the media type from the printer's operation panel, see "[Changing the Type of Paper.](#)"

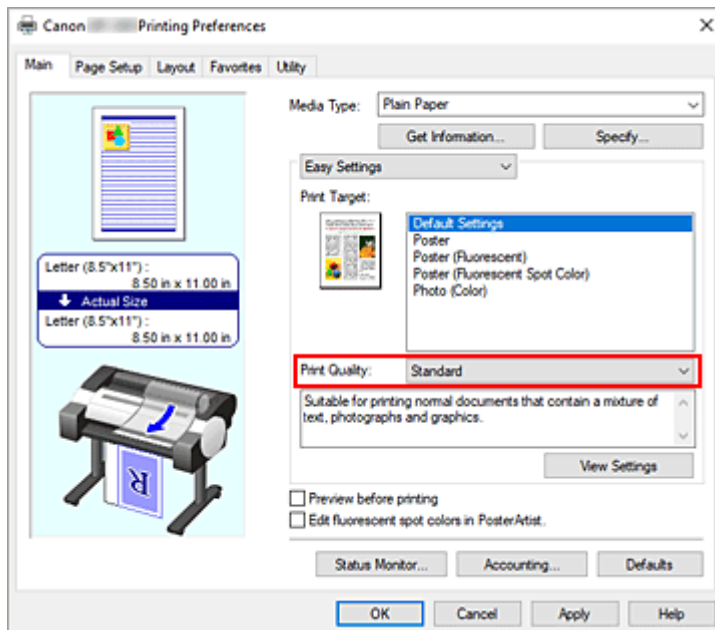
5. Select print target

From the pull-down menu, select **Easy Settings**, and then select the setting that matches your purpose from the **Print Target** list.



6. Select the print quality

For **Print Quality**, select **High**, **Standard** or **Fast** according to your purpose.

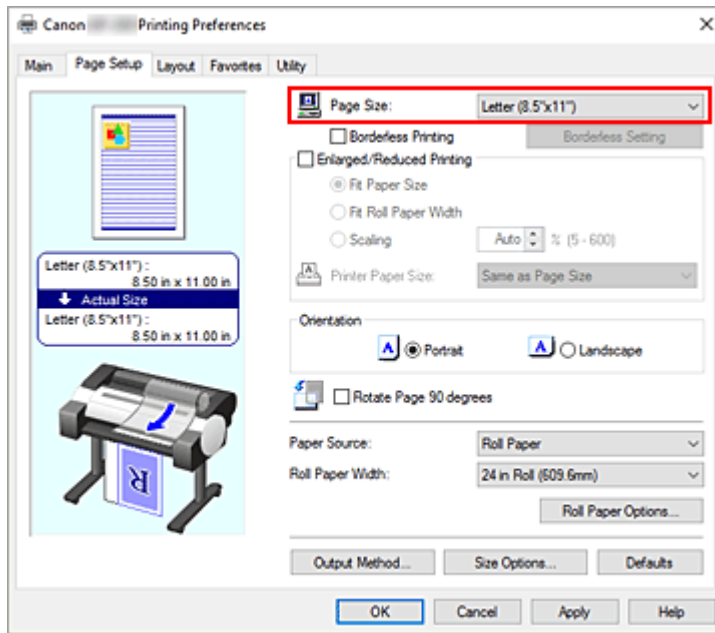


»»» Important

- The print quality settings that can be selected may differ depending on a printing profile.

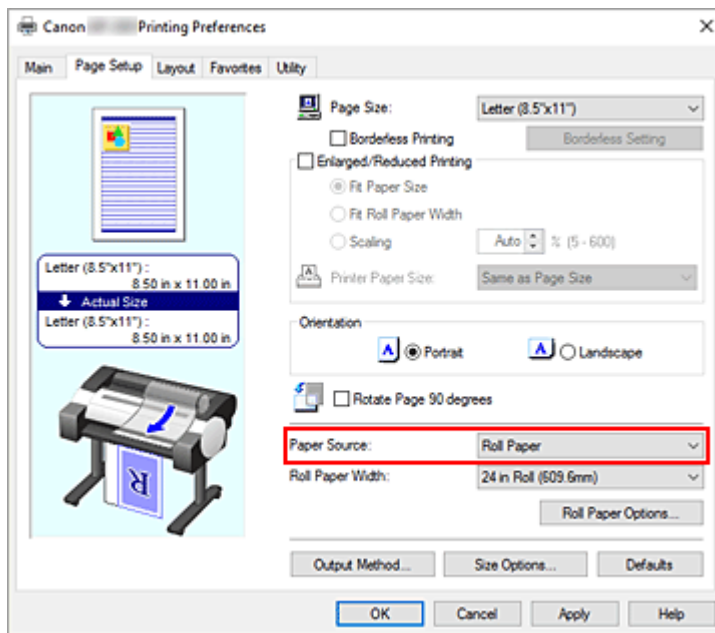
7. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.



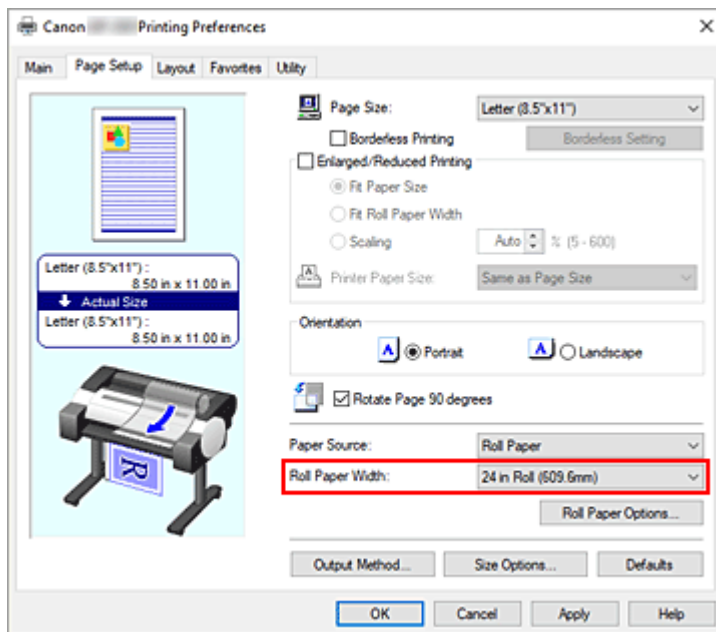
8. Select the paper source

For **Paper Source**, select the setting that matches your purpose.



9. Select roll paper width

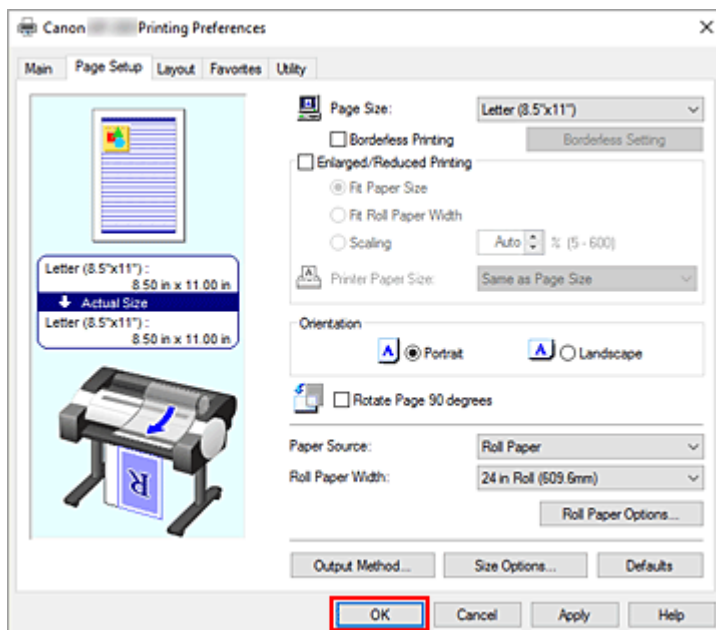
If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.



10. Complete the setup

Click **OK**.

When you print, the document is printed with settings that match your purpose.



➤➤➤ Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can execute Print, but you may not obtain the correct printing result.
- Under initial settings, **Print Priority** in **Advanced Settings** is set to **Poster/Photo (Fluorescent)**, so your print data will be printed with bright colors overall.

Checking Printer Settings and Applying Settings to Printer Driver

1. Open printer driver setup window

2. Click **Get Information...** on **Main** tab

The **Paper Information on Printer** dialog box appears.

3. Select the paper source

From **Paper Source**, check the setting or select a new paper source.

The current printer settings appear in **Media Type** and **Roll Paper Width**.

4. Apply settings

To apply the printer settings to the printer driver, click **OK**.

▶▶▶ Note

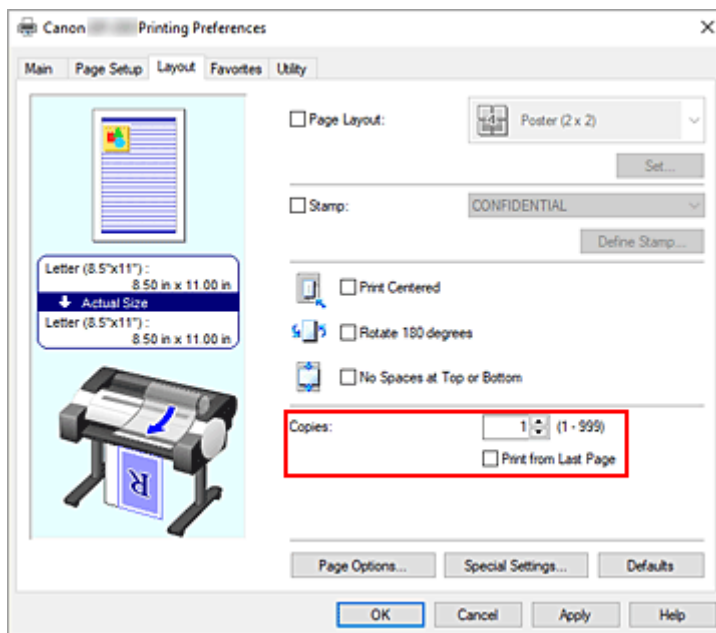
- If the media type and the output paper size are not set on the printer, **OK** will be grayed out and cannot be clicked.
- If communication with the printer is disabled, the **Get Information...** does not appear or printer media information from the printer cannot be obtained.

Setting the Number of Copies and Printing Order

The procedure for specifying the number of copies and printing order is as follows:

1. Open the [printer driver setup window](#)
2. Specify the number of copies to be printed

For **Copies** on the **Layout** tab, specify the number of copies to be printed.



3. Specify the print order

Check the **Print from Last Page** check box when you want to print from the last page in order, and uncheck the check box when you want to print from the first page.

4. Complete the setup

Click **OK**.

When you execute print, the specified number of copies will be printed with the specified printing order.

»» Important

- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application software and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.

Printing Photos and Business Documents

- **Printing By Setting Print Purpose**
- **Edit in PosterArtist and Print**

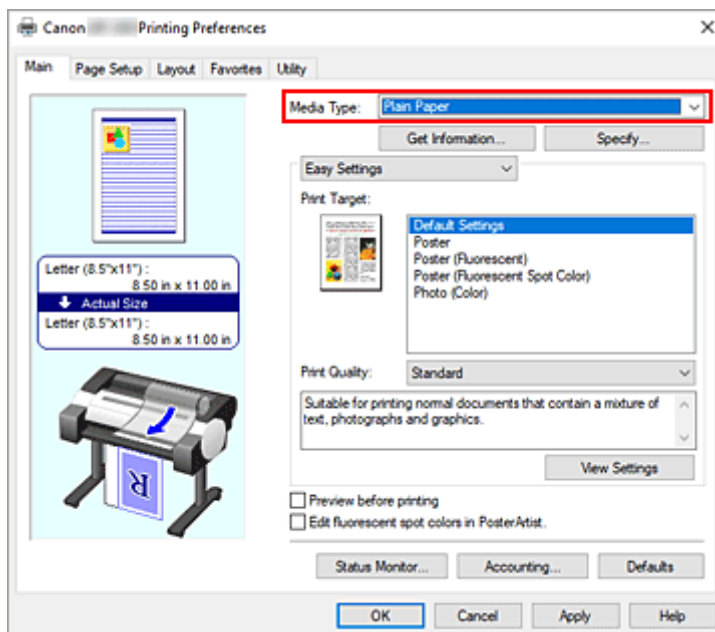
Printing By Setting Print Purpose

The print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print with settings that match the document.

The procedure for printing by using a print purpose is as follows:

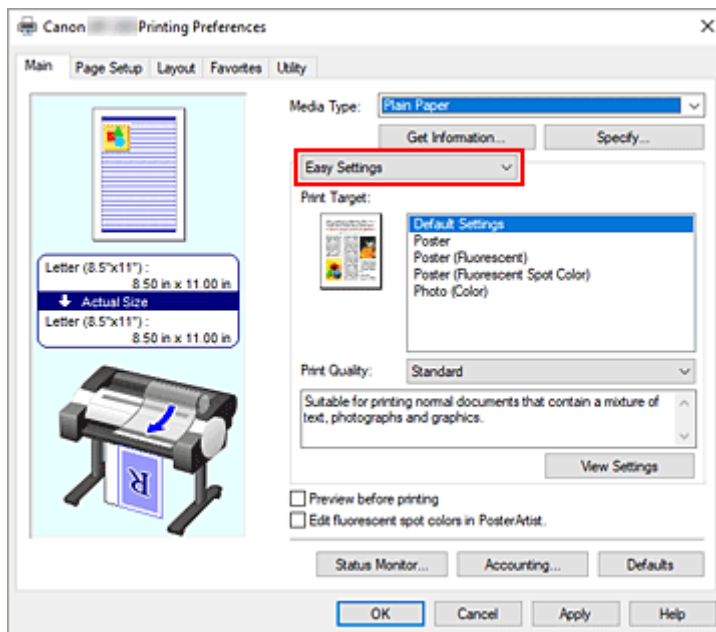
1. Open the [printer driver setup window](#)
2. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select print setting mode

From the pull-down menu, select **Easy Settings**.



4. Select print purpose

For **Print Target**, select the setting that matches the document.

Default Settings

Select this when printing general documents such as business documents.

Poster

Select this when printing posters.

Poster (Fluorescent)

Select this when you want to print the entire poster with bright colors.

Poster (Fluorescent Spot Color)

Select this when you want to specify the area of the poster to print with bright colors.

Photo (Color)

Select this when printing color illustrations or photos.

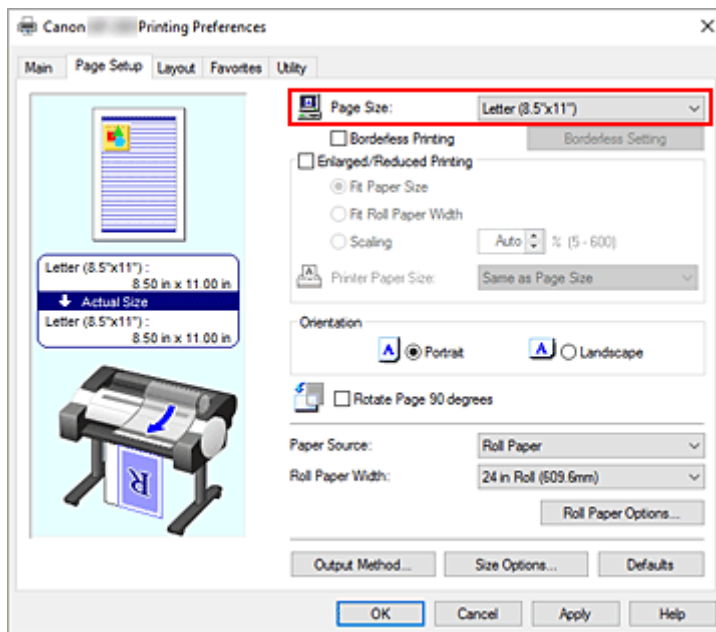
▶▶▶ **Note**

- To check the settings of the items that are set by **Print Target**, click **View Settings**.

5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

The current settings are displayed in the settings preview on the left side of the window.



6. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

7. Set the other items

Set the other items as necessary.

8. Complete the setup

Click **OK**.

When you print, the document is printed with settings to match the specified print purpose.

Edit in PosterArtist and Print

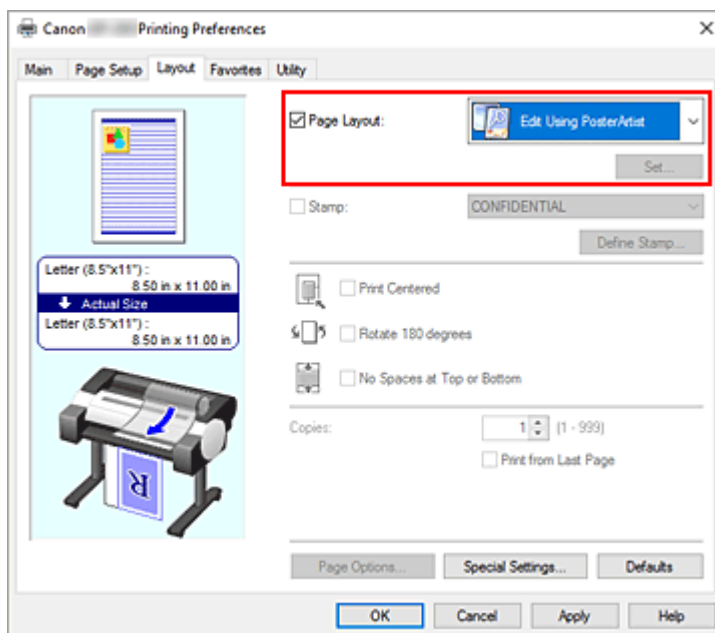
Word processing and spreadsheet software documents and web browser screens, etc. can be edited and printed from PosterArtist.

The following explains the procedure for editing original documents made in multiple application software in PosterArtist and printing in a poster layout.

1. Open the [printer driver setup window](#)

2. Select edit in PosterArtist

Check **Page Layout** in the **Layout** tab and select **Edit Using PosterArtist** from the pull-down menu.



➤➤➤ Note

- **Edit Using PosterArtist** may not be available for use depending on the usage environment.

3. Start up PosterArtist

Click **OK**.

When printing is executed, PosterArtist starts up and PageCapture window opens.

4. Select page to get in PosterArtist

5. Edit page in PosterArtist

Image editing and sorting is implemented in PosterArtist.

By repeating steps 1 through 4 without closing the PosterArtist window, documents made in multiple application software can be arranged on one page.

After editing is complete, please print from PosterArtist menu.

»» Note

- For instructions on how to edit and rearrange images, refer to the PosterArtist manual.

Changing the Print Quality and Correcting Image Data

- **Adjusting Color Balance**
- **Setting the Print Quality Level (Custom)**
- **Printing a Color Document in Monochrome**
- **Specifying Color Correction**
- **Adjusting Brightness**
- **Adjusting Contrast**
- **Printing Using Detailed Setting Mode**

Adjusting Color Balance

You can adjust the color tints when printing.

Since this function adjusts color balance of the output by changing the ink ratios of each color, it changes the total color balance of the document. Use the application software when you want to change the color balance significantly. Use the printer driver only when you want to adjust the color balance slightly.

The following sample shows the case when color balance is used to intensify cyan and to diminish yellow so that the overall colors are more uniform.

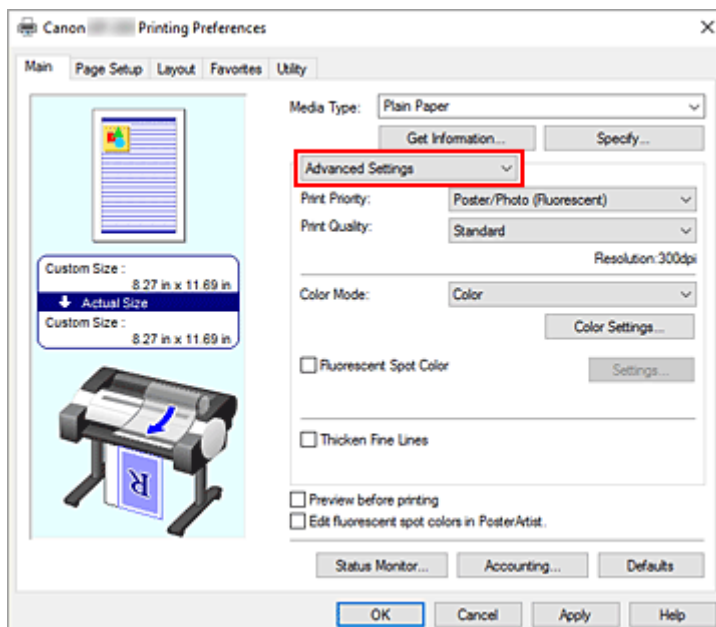


No adjustment Adjust color balance

The procedure for adjusting color balance is as follows:

1. Open the [printer driver setup window](#)
2. Select the advanced settings

Select **Advanced Settings** from the pull-down menu on the **Main** tab.



3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings....**

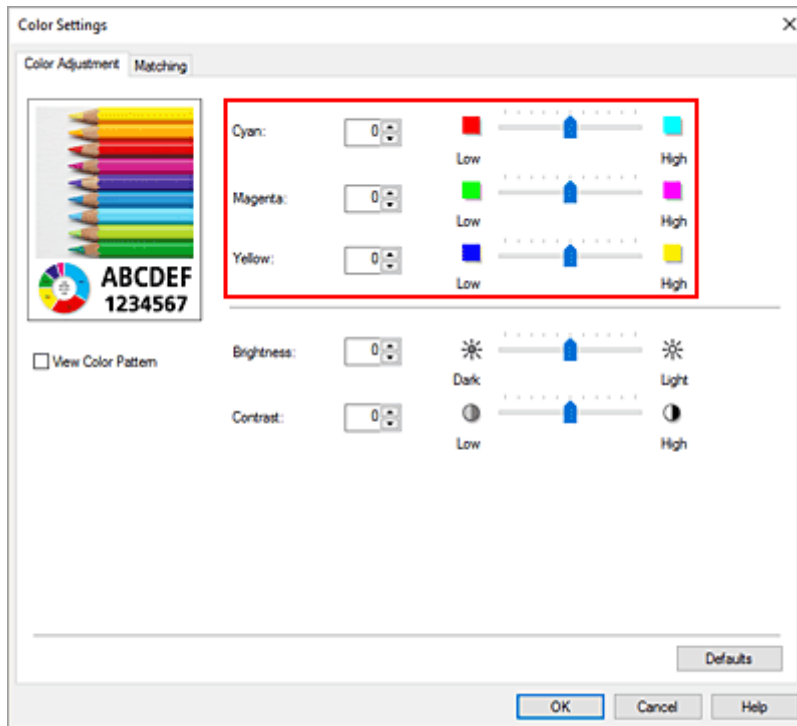
The **Color Settings** dialog box appears.

4. Adjust color balance

The **Color Adjustment** tab has individual sliders for **Cyan**, **Magenta**, and **Yellow**. Each color becomes stronger when the corresponding slider is moved to the right, and becomes weaker when the corresponding slider is moved to the left. For example, when cyan becomes weaker, the color red becomes stronger.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.

After adjusting each color, click **OK**.



5. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the document is printed with the adjusted color balance.

Related Topics

- ➔ [Setting the Print Quality Level \(Custom\)](#)
- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Brightness](#)
- ➔ [Adjusting Contrast](#)

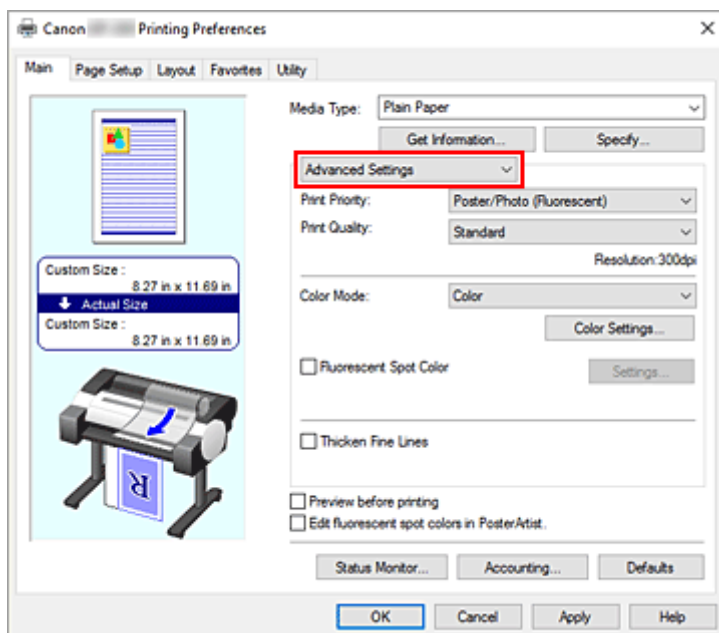
Setting the Print Quality Level (Custom)

Custom on the **Print Quality** tab allows you to set detailed print quality levels.

The procedure for setting the print quality level is as follows:

1. Open the [printer driver setup window](#)
2. Select advanced settings

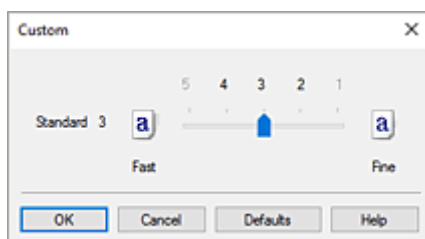
From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select the print quality

For **Print Quality**, select **Custom**.

The **Custom** dialog box opens.



4. Setting the print quality level

Drag the slider bar to select the print quality level and click **OK**.

»»» Important

- Certain print quality levels cannot be selected depending on the settings of **Media Type**.

5. Complete the setup

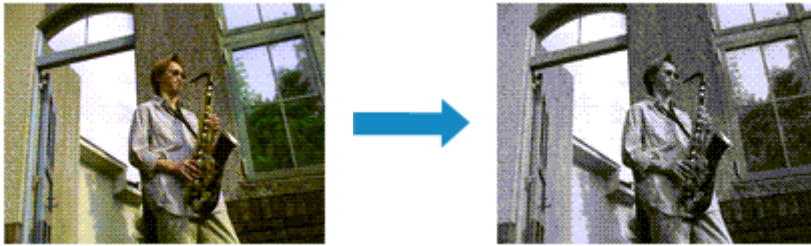
Click **OK** on the **Main** tab.

When you execute print, the image data is printed with the selected print quality level.

Related Topics

- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Color Balance](#)
- ➔ [Adjusting Brightness](#)
- ➔ [Adjusting Contrast](#)

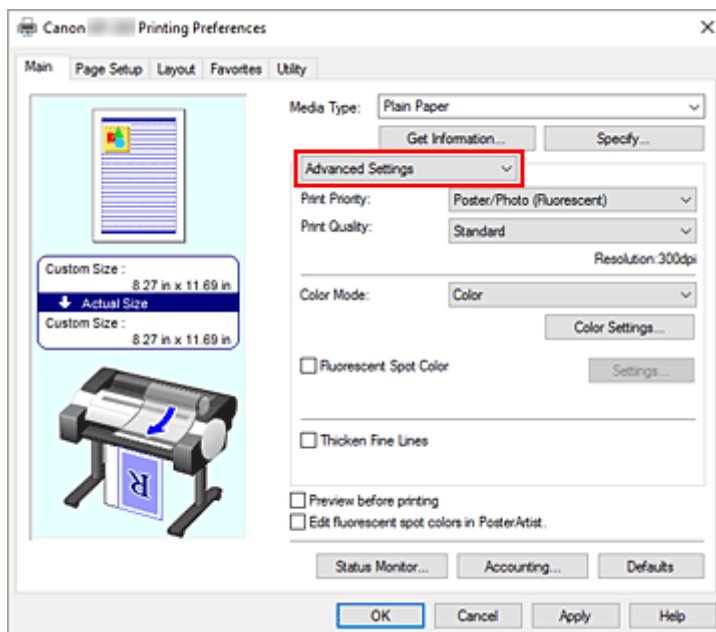
Printing a Color Document in Monochrome



The procedure for printing a color document in monochrome is as follows:

1. Open the [printer driver setup window](#)
2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select color mode

For **Color Mode**, select **Monochrome**.

►►► Note

- The selectable **Color Mode** depends on the media type selected for **Media Type** on the **Main** tab.

4. Complete the setup

Click **OK**.

When you execute print, the document is converted to grayscale data. It allows you to print the color document in monochrome.

▶▶ Important

- When **Monochrome** is selected, the printer driver processes image data as sRGB data. In this case, actual colors printed may differ from those in the original image data.
When using the grayscale printing function to print Adobe RGB data, convert the data to sRGB data using an application software.

▶▶ Note

- When **Monochrome** is selected, inks other than black ink may also be used.

Specifying Color Correction

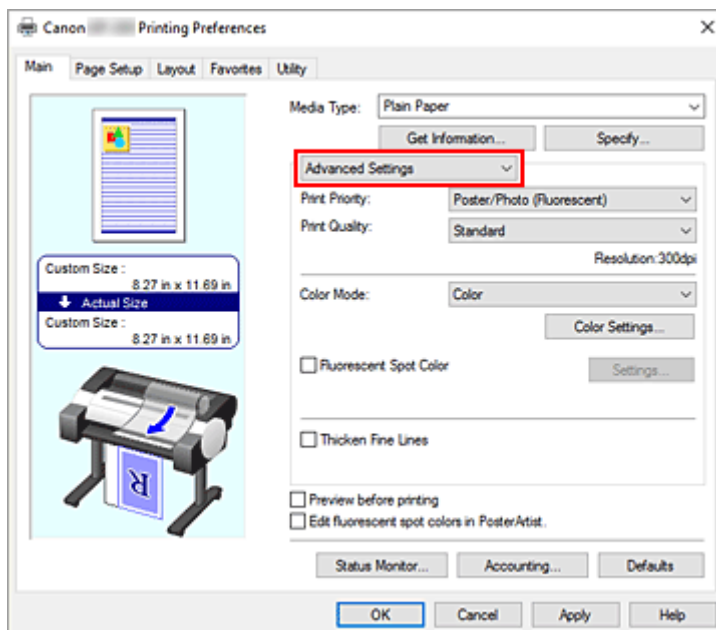
You can specify the color correction method suited to the type of document to be printed. Normally, when data is printed, the printer driver automatically adjusts the colors.

When you want to print by using the color space of the image data effectively, select **ICM** or, **ICC Profile Matching**. When you want to use an application software to specify a printing ICC profile, select **Off**.

The procedure for specifying color correction is as follows:

1. Open the [printer driver setup window](#)
2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.

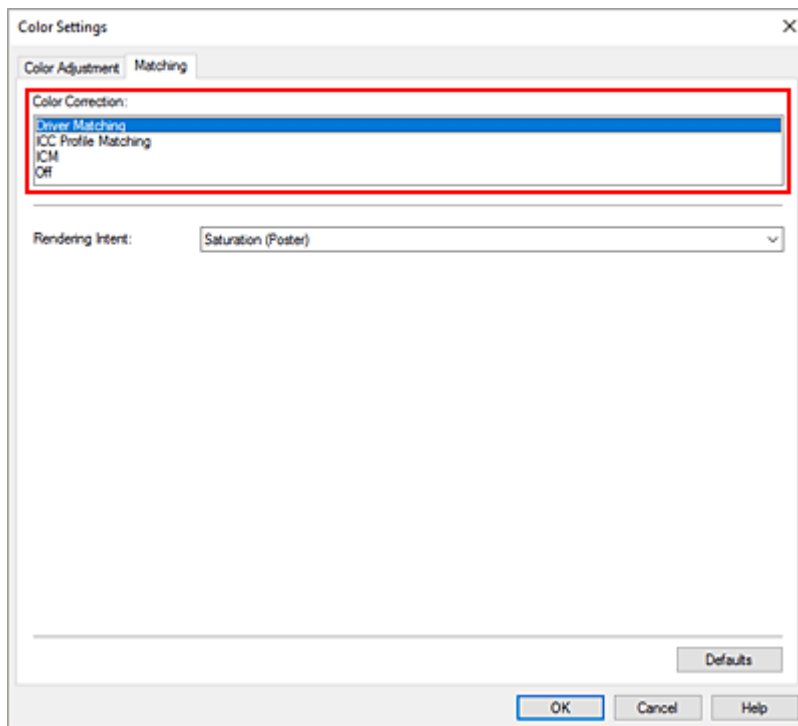


3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings....**
The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, select **Color Correction** setting that matches your purpose from the following, and click **OK**.



Driver Matching

Print with the optimal color using the printer driver's original color profile. Normally, you should choose this mode.

ICC Profile Matching

Carry out color matching using the ICC profile. Specify the input profile, printer profile and matching method in detail, and select when printing. You can use the digital camera or scanner ICC profile, or the ICC profile created using the profile creation tool.

ICM

Perform color matching on the host computer using the Windows ICM function. Select when printing from an ICM function-compatible application.

Off

Print without performing color matching on the printer driver. Select this when performing color matching using applications such as Adobe Photoshop, or printing a color chart using a profile creation tool.

5. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the document data is printed with the specified color correction.

»» Important

- When ICM is disabled in the application software, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.

Related Topics

- ➔ [Optimal Photo Printing of Image Data](#)
- ➔ [Adjusting Colors with the Printer Driver](#)

➡ [Printing with ICC Profiles](#)

Optimal Photo Printing of Image Data

When people print images taken with digital cameras, they sometimes feel that the printed color tones differ from those of actual image or those displayed on the monitor.

To get the print results as close as possible to the desired color tones, you must select a printing method that is best suited to the application software used or to your purpose.

Color Management

Devices such as digital cameras, scanners, monitors, and printers handle color differently. Color management (color matching) is a method that manages device-dependent "colors" as a common color space.

For Windows, a color management system called "ICM" is built into the operating system. sRGB is one of the common color spaces that is frequently used.

ICC profiles convert device-dependent "colors" into a common color space. By using an ICC profile and carrying out color management, you can draw out the color space of the image data within the color reproduction area that the printer can express.

▶▶▶ Note

- Normally, image files are saved in JPEG format. Some digital cameras allow you to save images in a format called RAW. RAW data refers to an image saving format that requires a computer to develop the image. You can embed an input ICC profile tag into a RAW file by using special application software.

Selecting a Printing Method Suited to the Image Data

The recommended printing method depends on the color space of the image data or the application software to be used.

There are two typical printing methods.

Check the color space of the image data and the application software to be used, and then select the printing method suited to your purpose.

[Adjusting Colors with the Printer Driver](#)

This section describes the procedure for printing data by using the color correction function of the printer driver.

Select this function when you want to print impressions that are close to those displayed on the monitor, for example, if you corrected the colors while checking the print image on the monitor.

[Printing with ICC Profiles](#)

Describes the procedure for printing by using the color space of the image data effectively.

You can print with a common color space by setting up the application software and the printer driver so that the color management matches the input ICC profile of the image data.

The method for setting up the printer driver differs depending on the application software to be used.

Adjusting Colors with the Printer Driver

To use printer driver matching when printing, turn on the printer driver's color correction function. Printer driver matching accurately applies the characteristics of data displayed on the monitor and allows you to obtain print results of impressions that are close to those displayed on the monitor.

Important

- When printing using printer driver matching, Canon recommends that you set the monitor and the environment light as follows:
 - Monitor
 - Color temperature: D50 (5000K)
 - Brightness: 100 to 120cd/m²
 - Gamma: 2.2
 - Environment light
 - Fluorescent light for D50 color evaluation (color temperature 5000K, high color rendering properties)
 - Brightness when looking at printed materials: 500 lx ± 125 lx

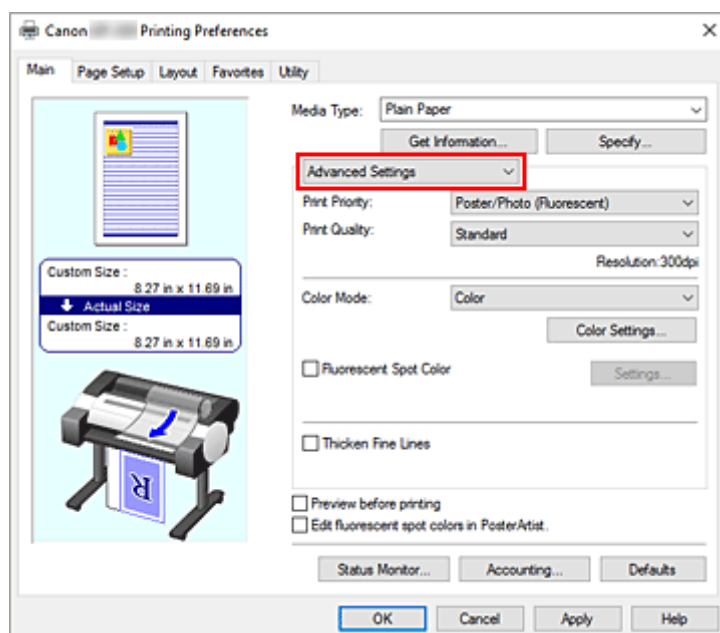
Note

- When printing from an application software that can identify ICC profiles and allows you to specify them, use a printing ICC profile in the application software, and select settings for color management.

The procedure for adjusting colors with the printer driver is as follows:

1. Open the [printer driver setup window](#)
2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.



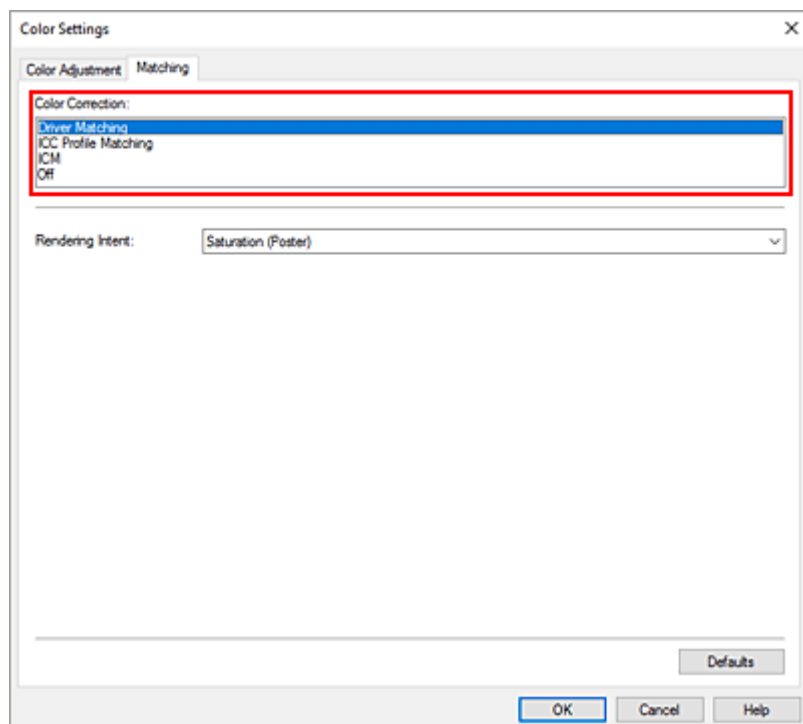
3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings....**

The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, and select **Driver Matching** for **Color Correction**.



5. Select the rendering intent

Select the coloring adjustment method in **Rendering Intent**.

Perceptual (Photo)

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

Saturation (Poster)

Reproduces vivid colors on data such as a poster.

6. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan, Magenta, Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click OK.

7. Complete the setup

Click **OK** on the **Main** tab.

When you print, the colors get adjusted by the printer driver when printing the data.

Related Topics

➔ [Setting the Print Quality Level \(Custom\)](#)

- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Color Balance](#)
- ➔ [Adjusting Brightness](#)
- ➔ [Adjusting Contrast](#)

Printing with ICC Profiles

When the image data has a specified input ICC profile, you can print by using the color space of the data effectively.

The printer driver setting procedure varies depending on the application software used to print.

Specify an ICC Profile from the Application Software and Print the Data

When you print the editing and touch-up results of Adobe Photoshop, Canon Digital Photo Professional, or any application software that allows you to specify input and printing ICC profiles, you print by effectively using the color space of the input ICC profile specified in the image data.

To use this printing method, use your application software to select color management items and specify an input ICC profile and a printing ICC profile in the image data.

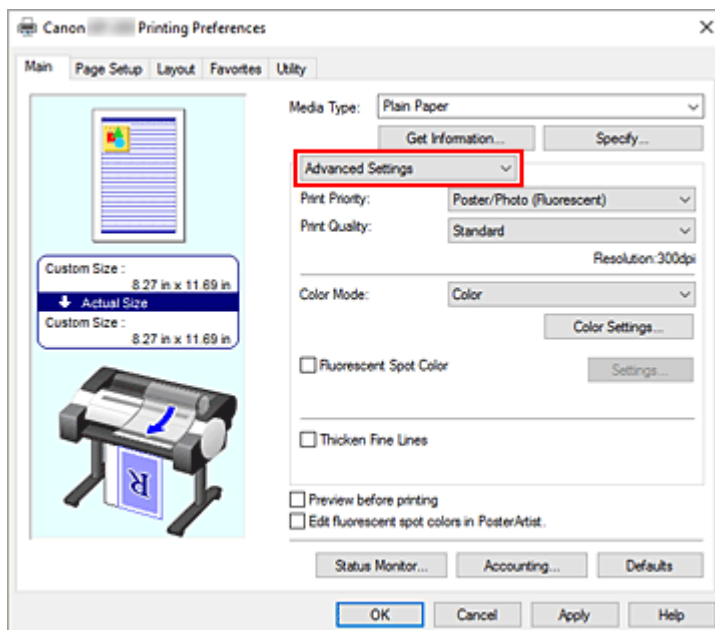
Even if you print using a printing ICC profile that you created yourself, be sure to select color management items from your application software.

For instructions, refer to the manual of the application software you are using.

1. Open the [printer driver setup window](#)

2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.



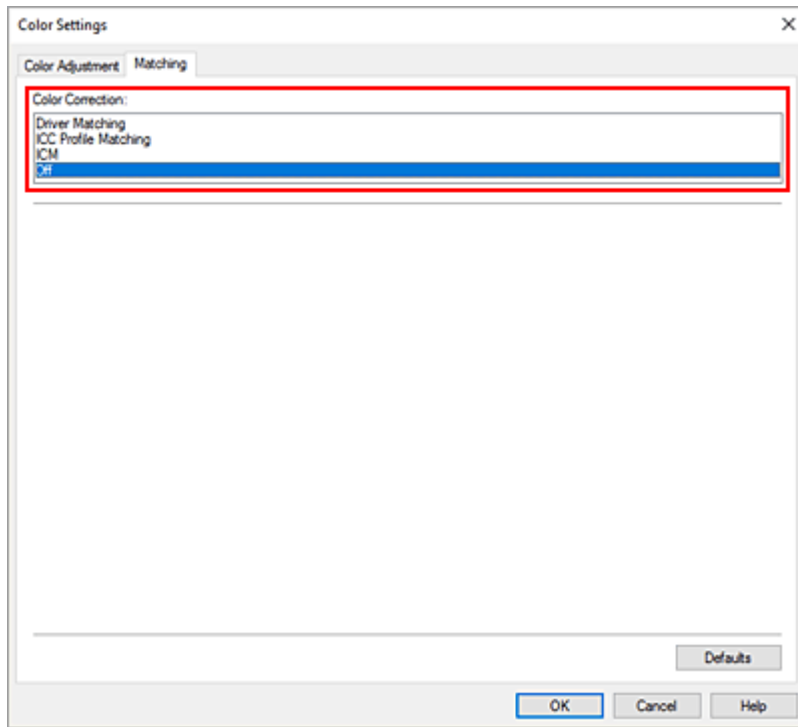
3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**

The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, and select **Off** for **Color Correction**.



5. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan, Magenta, Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click **OK**.

6. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the printer uses the color space of the image data.

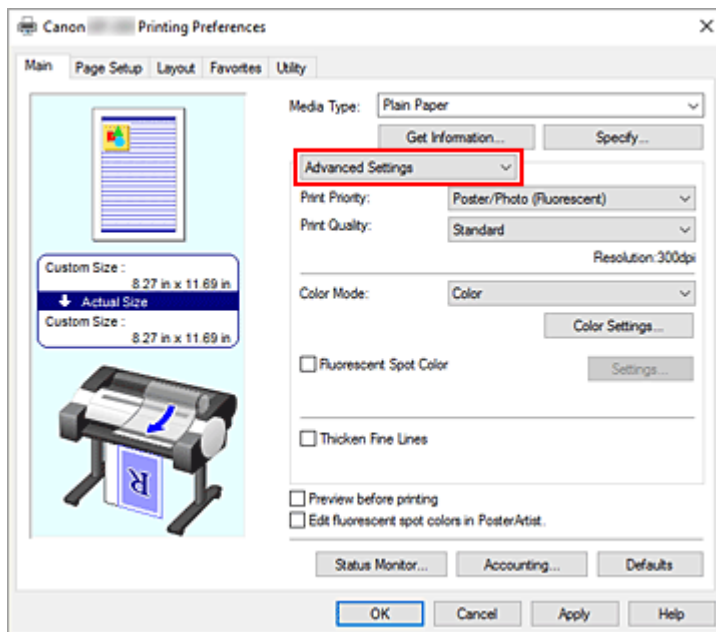
Specify an ICC Profile with the Printer Driver, and then Print

When you print from application software that cannot identify input ICC profiles or does not allow you to specify one, the data color space is printed as sRGB.

1. Open the [printer driver setup window](#)

2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.

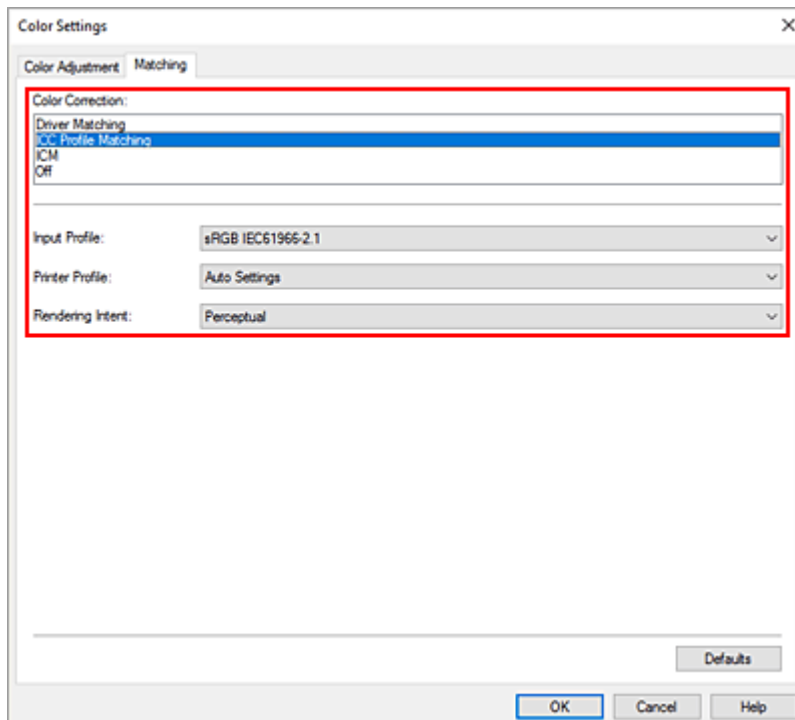


3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**
The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, and select **ICC Profile Matching** for **Color Correction**.



5. Select input profile

Select the **Input Profile** you want to use.

»» Important

- When the application software specifies an input profile, the input profile setting of the printer driver becomes invalid.

6. Select the printer profile

Select **Printer Profile** as follows:

- To set the printer profile automatically:
Select **Auto Settings**.
- To set the printer profile manually:
Select a printer profile that matches the media type to be used.

7. Select the rendering intent

Select the coloring adjustment method in **Rendering Intent**.

Perceptual

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

»» Important

- When you select **Perceptual** to print images, Canon recommends that you set the monitor and the environment light as follows:
 - Monitor
Color temperature: D50 (5000K)
Brightness: 100 to 120cd/m²
Gamma: 2.2
 - Environment light
Fluorescent light for D50 color evaluation (color temperature 5000K, high color rendering properties)
Brightness when looking at printed materials: 500 lx ± 125 lx

Saturation

Reproduces vivid colors on data such as a poster.

Relative Colorimetric

When image data is converted to the color space of the printer, this method converts the image data so the color reproduction approximates the shared color regions. Select this method to print image data with colors that are close to the original colors.

Absolute Colorimetric

When **Relative Colorimetric** is selected, white spots are reproduced as white spots of the paper (background color). However, when **Absolute Colorimetric** is selected, how the white spots are reproduced depends on the image data.

»» Important

- Depending on the media type, you may obtain the same print results even when you change the **Rendering Intent** setting.

8. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan, Magenta, Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click **OK**.

9. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the printer uses the color space of the image data.

Related Topics

- ➔ [Setting the Print Quality Level \(Custom\)](#)
- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Color Balance](#)
- ➔ [Adjusting Brightness](#)
- ➔ [Adjusting Contrast](#)

Adjusting Brightness

You can brighten or darken the colors of the overall image data during printing.

The following sample shows the case when light colors are darkened when the image data is printed.



No adjustment

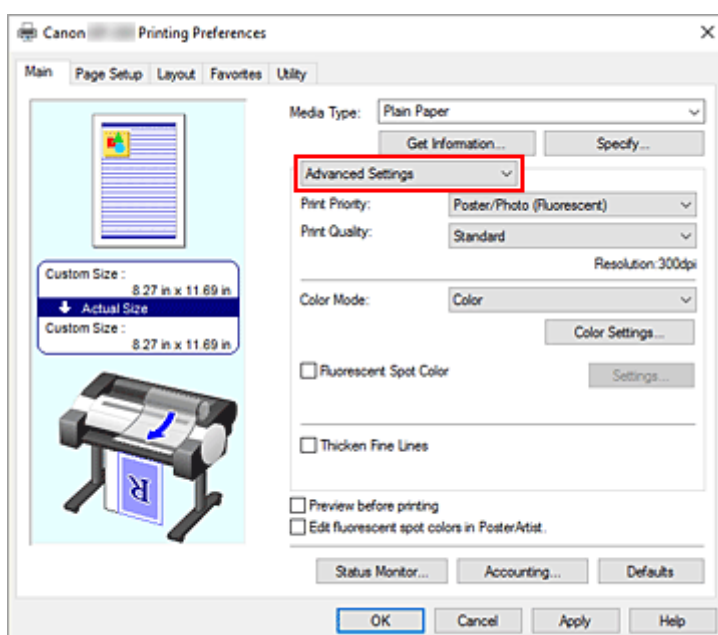


Darken light colors

The procedure for adjusting brightness is as follows:

1. Open the [printer driver setup window](#)
2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select color mode

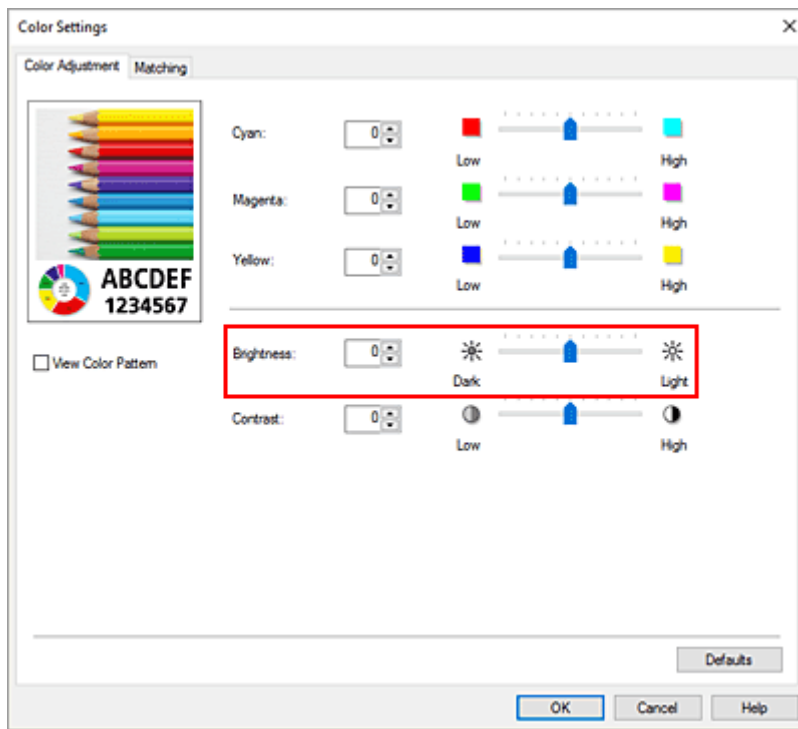
For **Color Mode**, select **Color**, and then click **Color Settings....**

The **Color Settings** dialog box appears.

4. Adjust brightness

On the **Color Adjustment** tab, moving the **Brightness** slider to the right brightens (dilutes) the colors, and moving the slider to the left darkens (intensifies) the colors.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.



5. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the data is printed at the adjusted brightness.

Related Topics

- ➔ [Setting the Print Quality Level \(Custom\)](#)
- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Color Balance](#)
- ➔ [Adjusting Contrast](#)

Adjusting Contrast

You can adjust the image contrast during printing.

To make the differences between the light and dark portions of images greater and more distinct, increase the contrast. On the other hand, to make the differences between the light and dark portions of images smaller and less distinct, reduce the contrast.



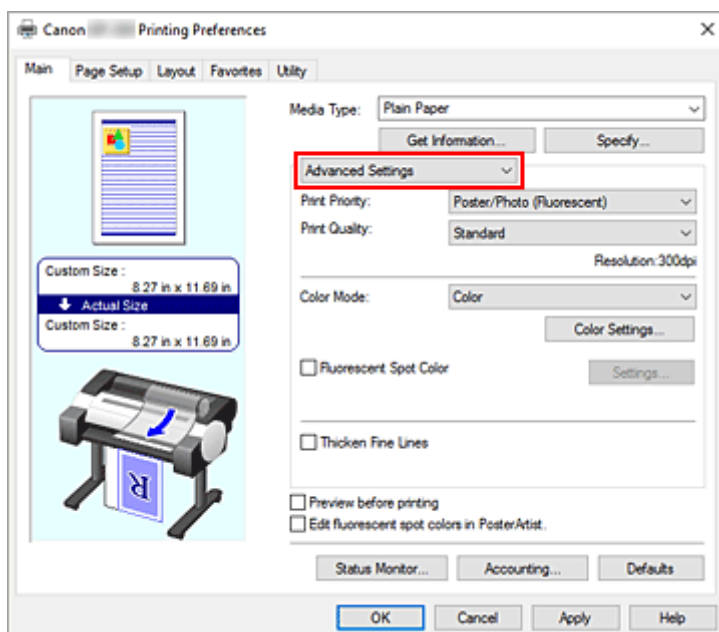
No adjustment

Adjust the contrast

The procedure for adjusting contrast is as follows:

1. Open the [printer driver setup window](#)
2. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.



3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings....**

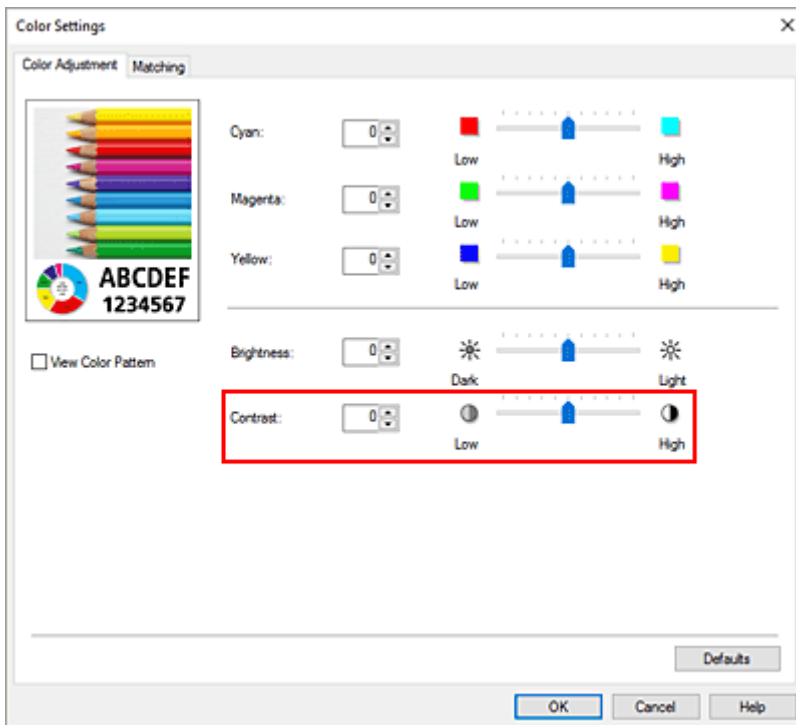
The **Color Settings** dialog box appears.

4. Adjust the contrast

On the **Color Adjustment** tab, moving the **Contrast** slider to the right increases the contrast, and moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.

After adjusting each color, click **OK**.



5. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the image is printed with the adjusted contrast.

Related Topics

- ➔ [Setting the Print Quality Level \(Custom\)](#)
- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Color Balance](#)
- ➔ [Adjusting Brightness](#)

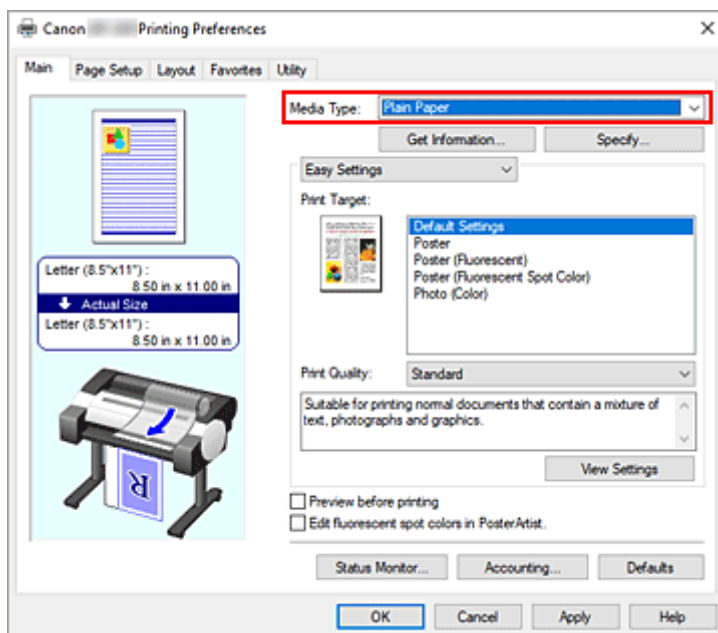
Printing Using Detailed Setting Mode

You can print by using your own settings instead of the pre-registered **Print Target** settings.

The procedure for using the detailed setting mode and printing is as follows:

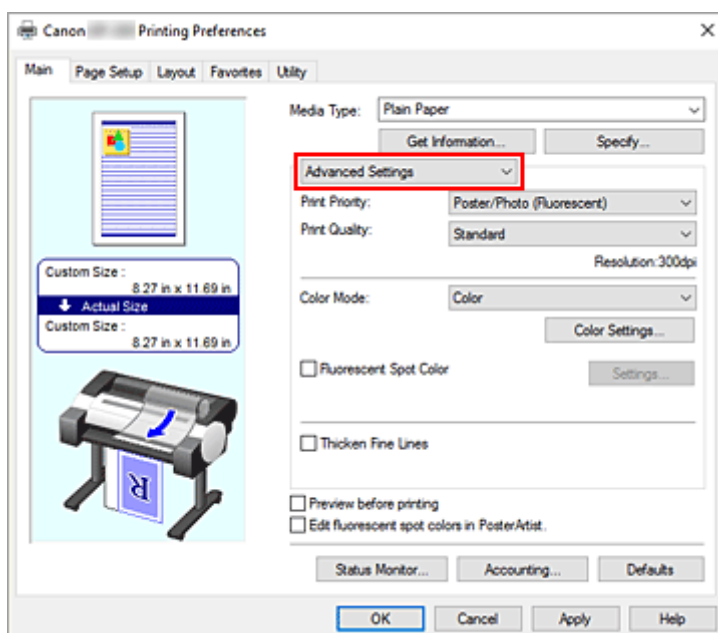
1. Open the [printer driver setup window](#)
2. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select advanced settings

From the **Main** tab pull-down menu, select **Advanced Settings**.



4. Set print conditions

Set the following items as necessary.

Print Priority

Select elements to prioritize for print results.

If you select **Poster/Photo (Fluorescent)**, posters and other material will be printed with bright colors.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

Fluorescent Spot Color

Check this check box if you want to print with fluorescent ink.

Color Mode

Selects color adjustment method.

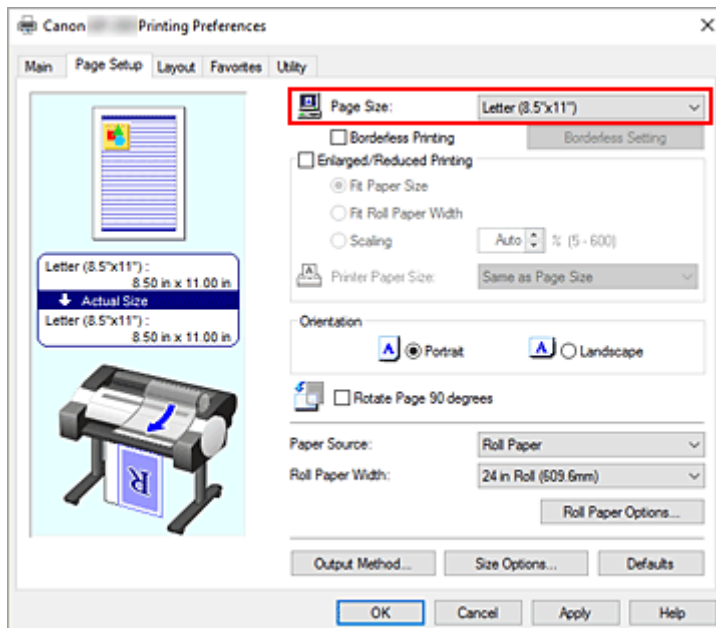
Thicken Fine Lines

To make thin lines thicker and easier to see when printing, add a checkmark.

5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

The current settings are displayed in the settings preview on the left side of the window.



6. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

7. Set the other items

Set the other items as necessary.

8. Complete the setup

Click **OK**.

When you print, the document is printed with the print conditions you set.

Related Topics

- ➔ [Adjusting Color Balance](#)
- ➔ [Setting the Print Quality Level \(Custom\)](#)
- ➔ [Specifying Color Correction](#)
- ➔ [Adjusting Brightness](#)
- ➔ [Adjusting Contrast](#)
- ➔ [Specify Fluorescent Colors and Print](#)

Scaled Printing

The procedure for printing a document with pages enlarged or reduced is as follows:

1. Open the [printer driver setup window](#)

2. Select the paper size of the document

Using **Page Size** on the **Page Setup** tab, select the page size that is set with your application software.

3. Select the paper source

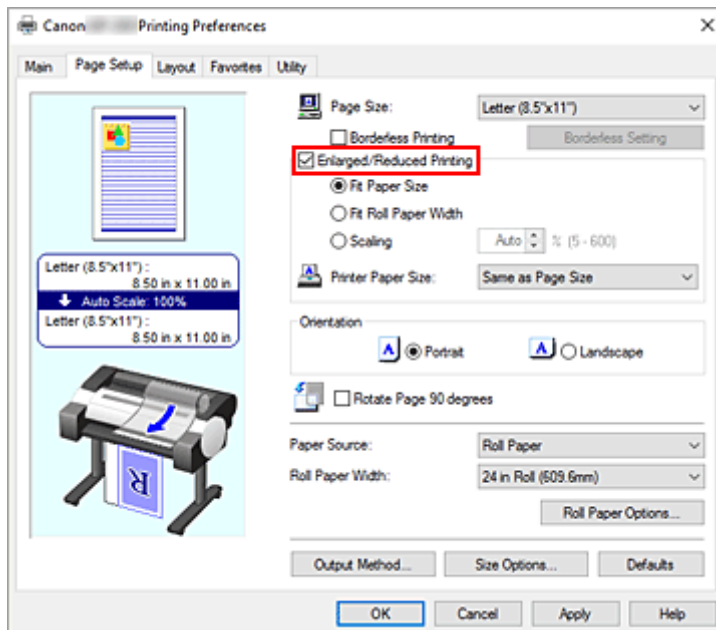
For **Paper Source**, select the setting that matches your purpose.

4. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

5. Select scaled printing

Check the **Enlarged/Reduced Printing** check box.

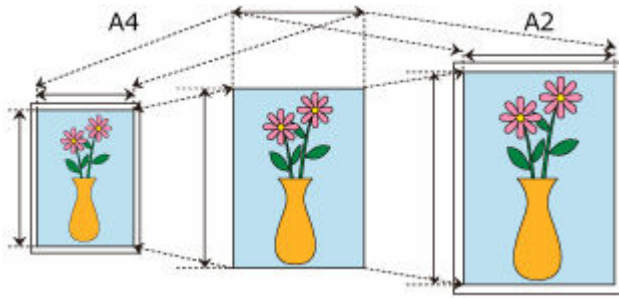


6. Set one of scaling methods described below

From the items listed below, select the setting that matches your purpose and select the corresponding check box.

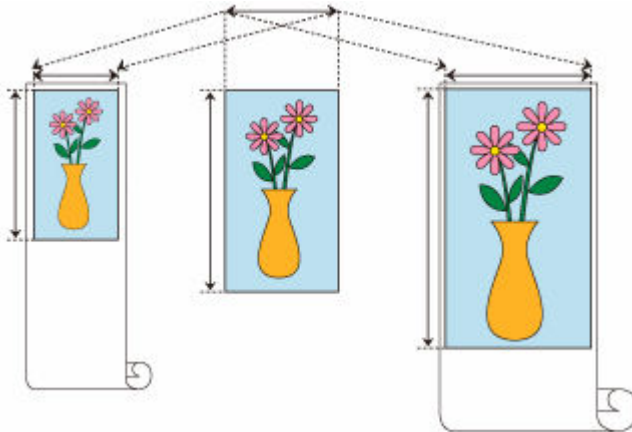
The current settings are displayed in the settings preview on the left side of the window.

- **Fit Paper Size**



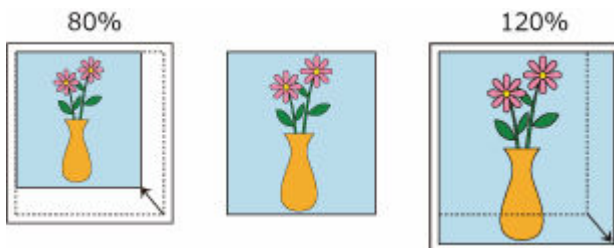
Scales the document to match the paper size.

- **Fit Roll Paper Width**



Scales the document to match the roll paper width.

- **Scaling**



Allows you to specify the scaling by entering a number directly or by selecting the paper size you want from the **Printer Paper Size** list.

The document is reduced when a size smaller than the **Page Size** setting is selected from the **Printer Paper Size** list, and enlarged when a size larger is selected.

7. Complete the setup

Click **OK**.

When you execute print, the document will be printed with the specified scale.

»» Important

- When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the printer driver.

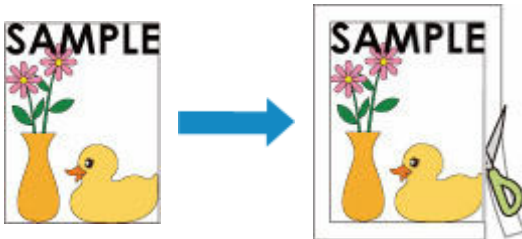
»» Note

- Selecting **Enlarged/Reduced Printing** changes the printable area of the document.

Printing to Oversized Paper Sizes

When printing a created document so that it fills the entire paper width, select a paper size from the **Oversize** list (sizes resulting from adding margins necessary for printer operation to the document sizes) so that all areas of the document are printed at their actual size.

A printout that has the same area as the document can be obtained by trimming the outer margins after printing.



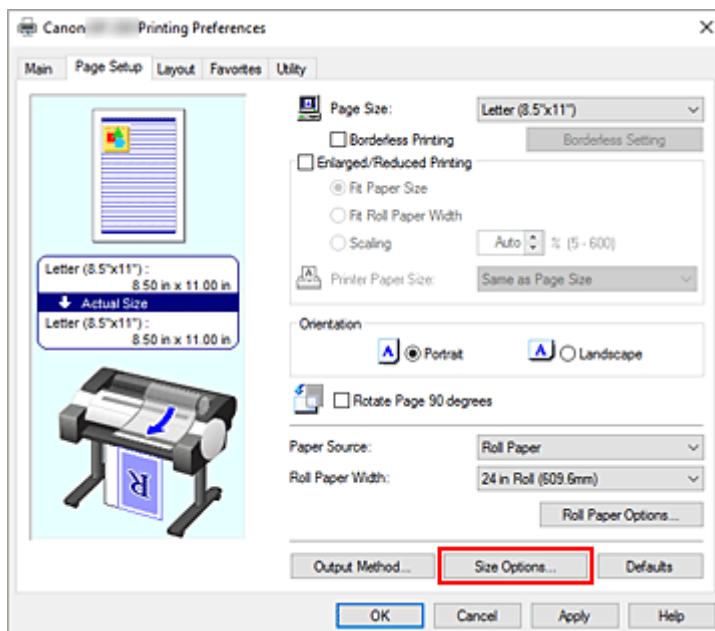
The procedure for printing with oversize is as follows:

1. Open the [printer driver setup window](#)

2. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

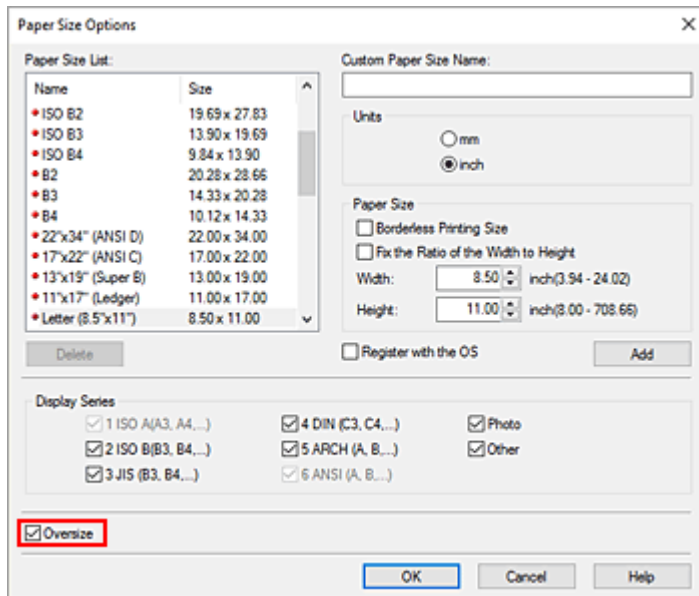
3. Click **Size Options...**



The **Paper Size Options** dialog box opens.

4. Select oversize

Select the **Oversize** check box, and click **OK**.



The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

5. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

6. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

7. Set the other items

Set the other items as necessary.

8. Complete the setup

Click **OK**.

When you print, the document is printed using oversize.

►►► Important

- When printing to oversized paper sizes, use paper that has the following necessary margins added to the document size.
 - Cut sheet: 6 mm or more added to width and 23 mm or more added to height of document size
 - Roll paper: 6 mm or more added to width and 6 mm or more added to height of document size

►►► Note

- An oversized paper size cannot be used for the largest paper size that can be loaded in the printer.
- To set an oversized paper size for a non-standard paper size, register the paper size in the **Paper Size Options** dialog box. An oversized paper size cannot be set for paper sizes that were set in the **Custom Size Settings** dialog box.

Setting Paper Dimensions (Custom Size)

You can specify the height and width of paper when its size cannot be selected from the **Page Size**. Such a paper size is called "custom size."

There are two ways of setting a user-defined paper, setting the paper from **Size Options...** on the **Page Setup** tab and setting the paper from **Custom Size** of **Page Size**.

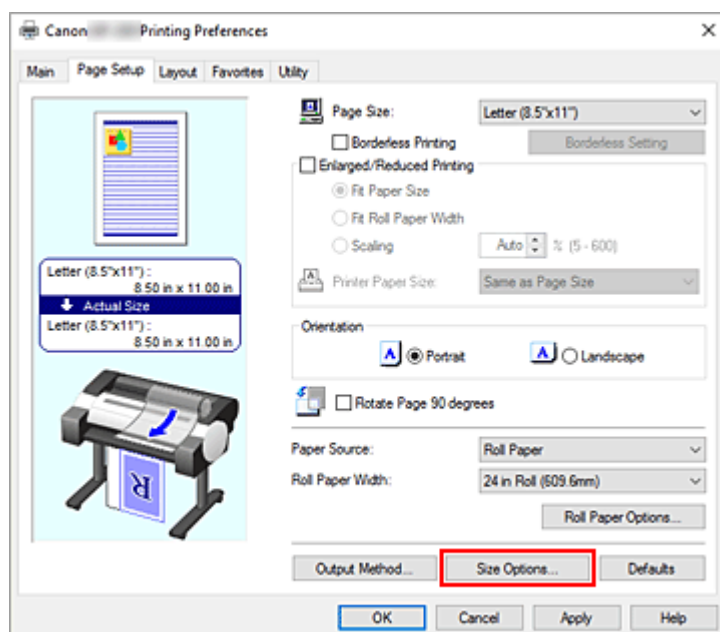
If you will be using a user-defined paper repeatedly, setting it from **Size Options...** is convenient because it becomes registered to **Page Size** and can be selected any time after that.

If you want to use a user-defined paper temporarily, setting it from **Custom Size** is suitable.

The procedure for specifying a custom size is as follows:

Setting from Paper Size Options

1. Open the [printer driver setup window](#)
2. Click **Size Options...** on the **Page Setup** tab



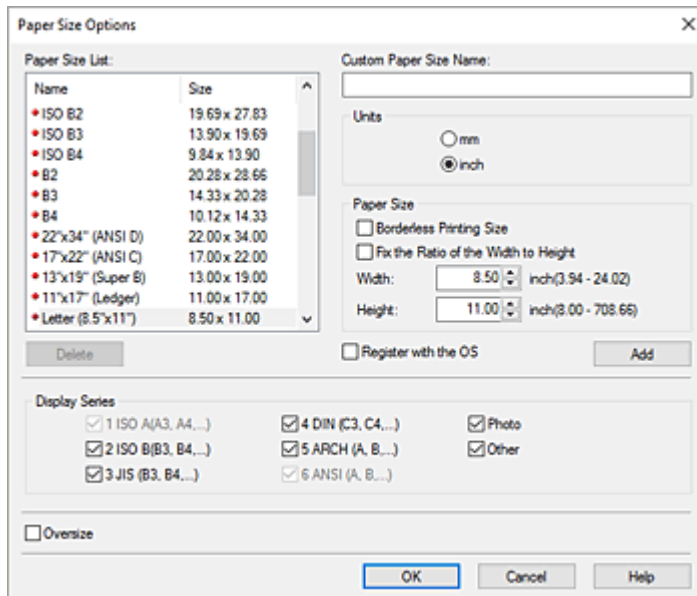
The **Paper Size Options** dialog box opens.

3. Set user-defined paper

Set **Custom Paper Size Name**, **Units**, and **Size**, and then click **Add**.

For **Size**, specify an size or select the paper size to be used from **Paper Size List**.

To narrow down the paper sizes displayed in **Paper Size List**, select the **Display Series** check box.



➤➤➤ Note

- By selecting the **Borderless Printing Size** check box for **Paper Size**, you can select a size from the paper sizes that support **Borderless Printing**. By selecting the **Fix the Ratio of the Width to Height** check box, you can change the size while keeping the **Width** and **Height** ratio.

4. Set user-defined paper

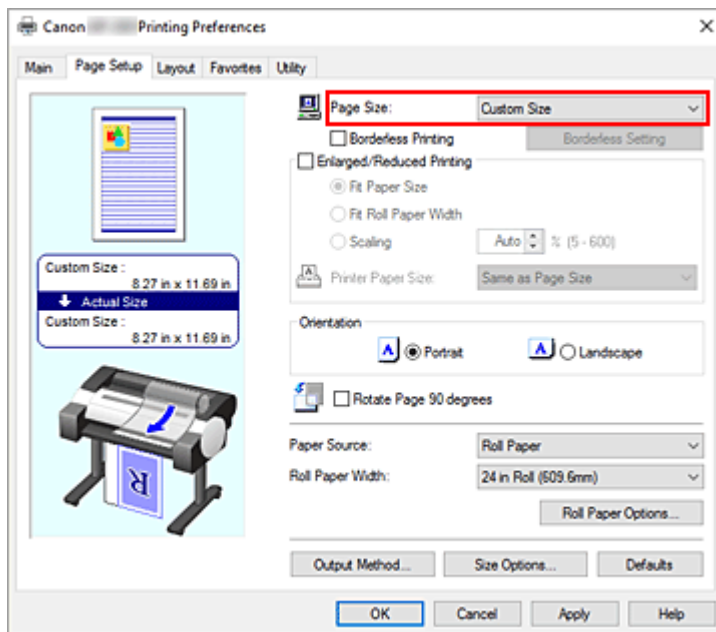
Click **OK**, then it returns to **Page Setup** tab.

The paper size registered by using **Custom Paper Size Name** is registered to **Custom Paper Size** of **Page Size** and can be selected at any time.

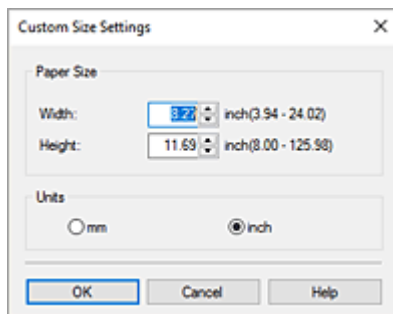
Setting from Custom Size

1. Open the [printer driver setup window](#)
2. Select the paper size

For **Page Size** on the **Page Setup** tab, select **Custom Size** from the **Custom Paper Size** list.



The **Custom Size Settings** dialog box opens.



3. Set the custom paper size

Enter the **Width** and **Height** values of the paper to be used, specify the **Units**, and then click **OK**.

4. Complete the setup

Click **OK** on the **Page Setup** tab.

When you execute print, the data is printed with the specified paper size.

Important

- If the application software that created the document has a function for specifying height and width values, use the application software to set the values. If the application software does not have such a function or if the document does not print correctly, perform the above procedure from the printer driver to set the values.
- Printing may be disabled depending on the size of the specified user-defined media. For information about printable sizes for user-defined media, see "[Paper Sizes](#)."
- Any paper size that was set by using **Custom Size** can no longer be used after the application software is closed.

»» Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can still print but you may not be able to obtain correct print results.
- The maximum configurable size with **Custom Size** is 3.2m.

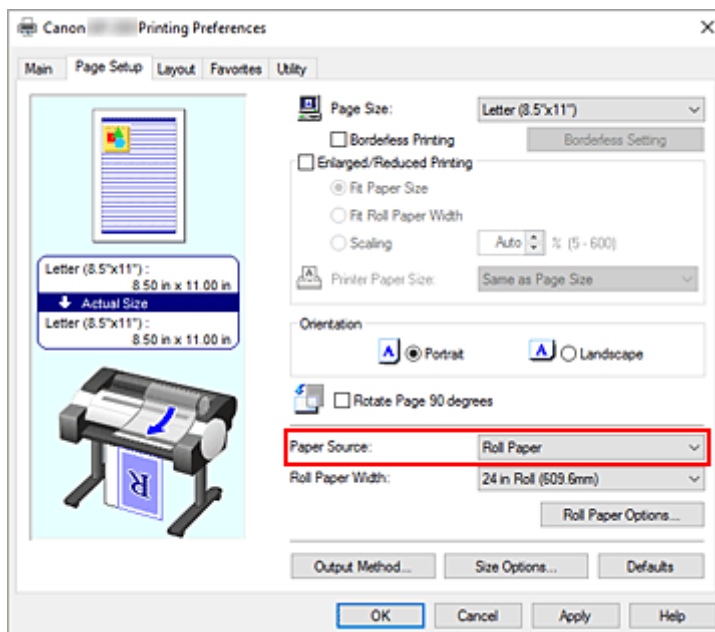
Set a Custom Size Roll Width

By specifying the roll paper width with a value, you can use roll paper with a width that cannot be selected in **Roll Paper Width**.

The procedure for setting custom size roll width is described below.

1. Open the [printer driver setup window](#)
2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, select **Roll Paper**.

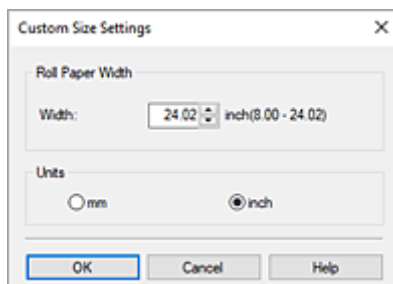


3. Select paper roll width

In **Roll Paper Width**, select **User-defined1 (XXXX) / User-defined2 (XXXX)**.
The **Custom Size Settings** dialog box opens.

4. Set paper roll width

Specify **Units**, enter the roll width you want to use, and then click **OK**.



▶▶▶ Note

- If the value you entered is the same as the other roll widths, a message will be displayed, and the other roll paper sizes will be set.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

If you perform the print, the roll paper with the specified width will be used for printing with each setting applied.

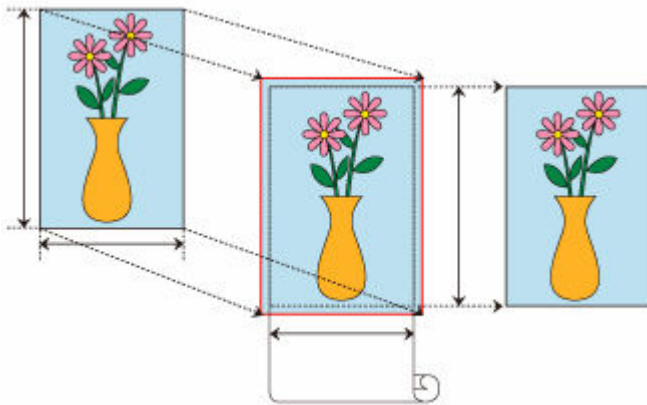
▶▶▶ Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can execute Print, but you may not obtain the correct printing result.
- If you select a paper feed method for the custom size roll paper in **Get Information...** in the **Main** tab, **Roll Paper Width** is set to **Custom Size (XXXX)**.
However, if the same custom size is already set in **User-defined1 (XXXX)** or **User-defined2 (XXXX)**, it will not be set to **Custom Size (XXXX)**, and **User-defined1 (XXXX)** or **User-defined2 (XXXX)** will be selected instead.

Printing without Edges Based on the Scenarios

- **Printing without Margins to Match Paper Size**
- **Printing without Margins to Match Roll Paper Width**
- **Printing Full-Size without Margins**
- **Three-sided Borderless Printing on Roll Paper**

Printing without Margins to Match Paper Size



The procedure for borderless printing by enlarging or reducing documents to match paper size is described below.

1. In the printer driver, open the [settings screen](#)

2. Select the paper source

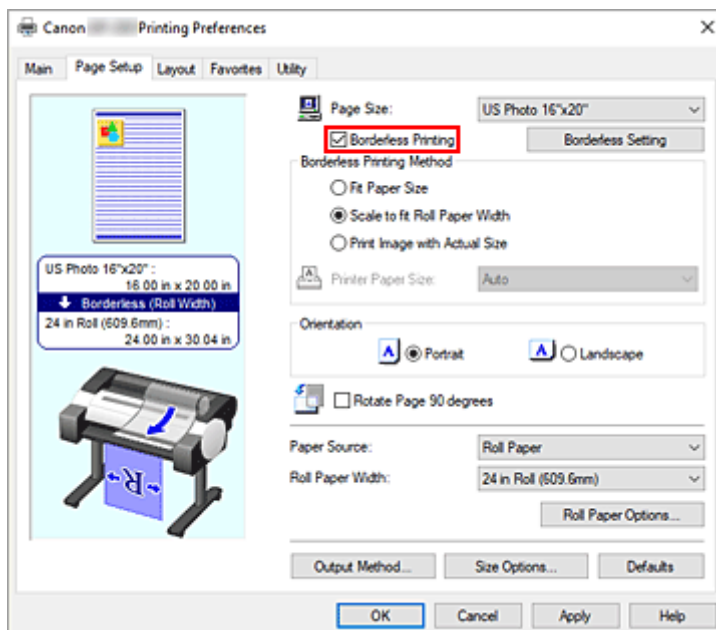
From the **Paper Source** list on the **Page Setup** tab, select **Roll Paper**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

Place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select **Fit Paper Size** in **Borderless Printing Method**.

If the size of the document is different from the size of the paper you want to print on, select the paper size you want to print on from **Printer Paper Size**.

6. Complete the setting process

Click **OK**.

If you print now, the document will be printed without margins to fit the paper size.

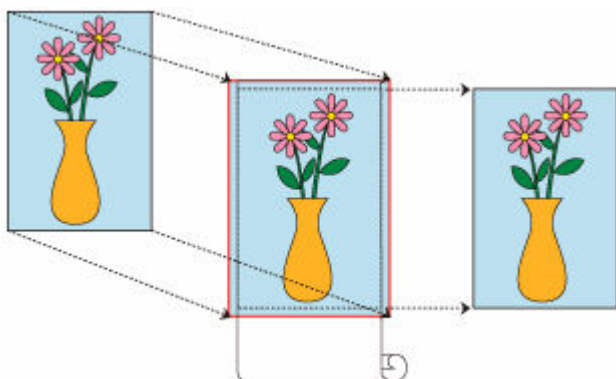
▶▶▶ Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- The following roll paper supports borderless printing.
➔ [Paper Sizes](#)
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
See "[Borders appear in borderless printing](#)" for details on how to set the amount extending off paper.

▶▶▶ Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Printing without Margins to Match Roll Paper Width



Procedure for printing borderless by enlarging/reducing documents to match roll paper width.

1. In the printer driver, open the [settings screen](#)

2. Select the paper source

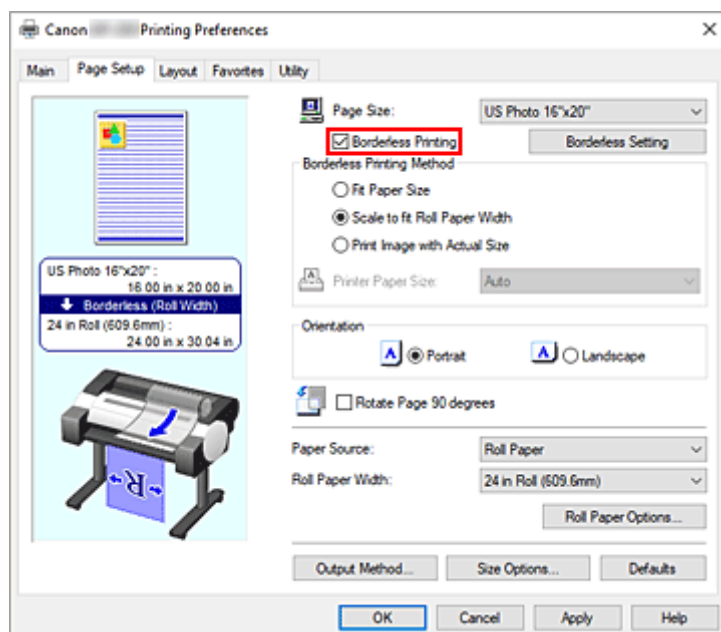
From the **Paper Source** list on the **Page Setup** tab, select **Roll Paper**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

Place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select **Scale to fit Roll Paper Width** in **Borderless Printing Method**.

6. Complete the setting process

Click **OK**.

Job will print to the entire roll width without a white border.

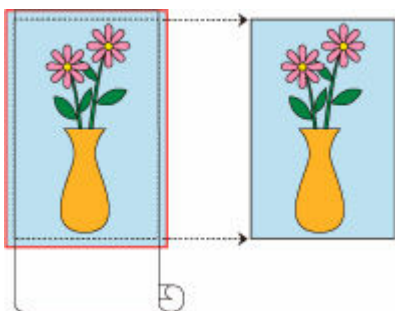
▶▶▶ Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- The following roll paper supports borderless printing.
 - ➔ [Paper Sizes](#)
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
See "[Borders appear in borderless printing](#)" for details on how to set the amount extending off paper.

▶▶▶ Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Printing Full-Size without Margins



Procedure for printing borderless images in the same size as the original document without enlarging/reducing them.

1. In the printer driver, open the [settings screen](#)

2. Select the paper source

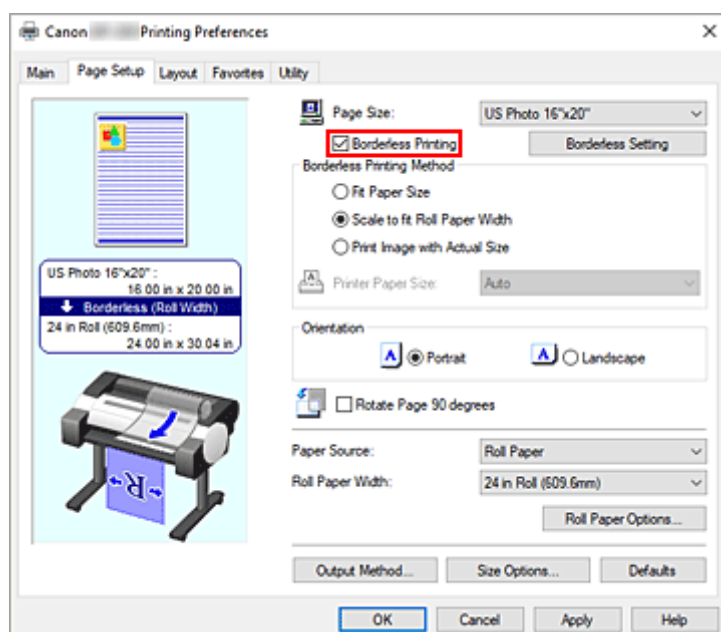
From the **Paper Source** list on the **Page Setup** tab, select **Roll Paper**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

Place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select **Print Image with Actual Size** in **Borderless Printing Method**.

6. Complete the setting process

Click **OK**.

If you print, the document is printed in the original size without white borders.

▶▶▶ Important

- If **Amount of Extension** is set to the second from the right, create the source document with a size 2mm larger on each of the top, bottom, left and right sides than the size of the paper you wish to print.

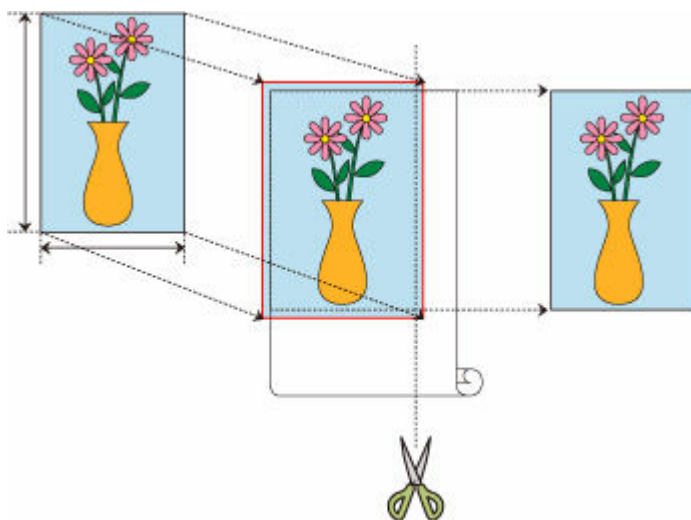
▶▶▶ Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- The following roll paper supports borderless printing.
➔ [Paper Sizes](#)
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
See "[Borders appear in borderless printing](#)" for details on how to set the amount extending off paper.

▶▶▶ Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Three-sided Borderless Printing on Roll Paper



In normal borderless printing, paper sizes that match the width of the roll paper are combined to print without borders on all four sides.

If you use the three-sided borderless printing feature, you can combine paper sizes that don't match the roll paper width, and print with no borders on three sides. However, if you perform three-sided borderless printing, you need to cut the right side of the paper after printing.

Three-sided Borderless Printing to Match Paper Size

The procedure for three-sided borderless printing by enlarging or reducing documents to match paper size is described below.

1. Open the [printer driver setup window](#)

2. Select the paper source

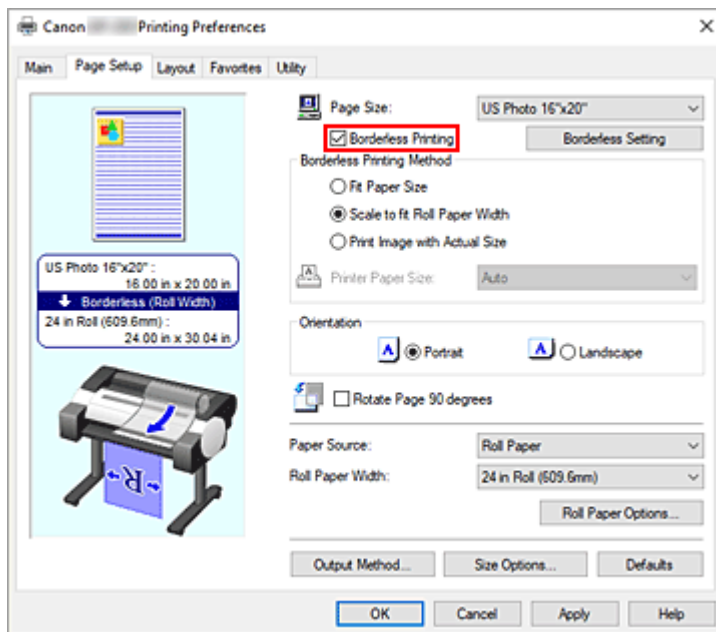
From the **Paper Source** list on the **Page Setup** tab, select **Roll Paper**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

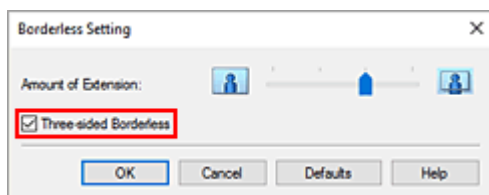
In the Page Setup tab, place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Click **Borderless Setting**

When the **Borderless Setting** dialog box is displayed, place a checkmark next to **Three-sided Borderless**, and then click **OK**.



6. Select a method for printing borderless

In the **Borderless Printing Method** tab, place a checkmark next to the **Fit Paper Size** option. If the size of the document is different from the size of the paper you want to print on, select the paper size you want to print on from **Printer Paper Size**.

7. Complete the setting process

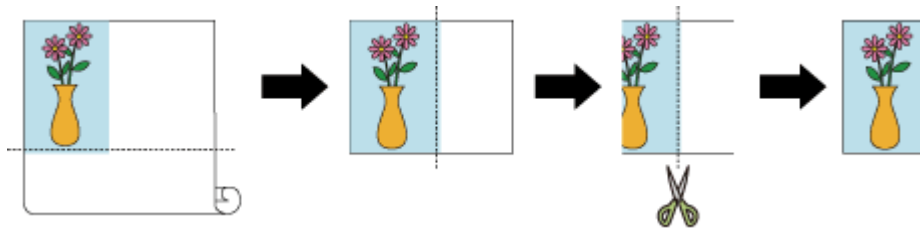
Click **OK**.

If you print now, the document will be printed without margins on three sides to fit the paper size.

8. Cut the right side of the paper

Cut the margin on the right side of the paper with scissors after printing. Cut slightly to the inside of the margin as the document is enlarged to extend slightly beyond the specified size.

To get the document to standard size, it is recommended to take measurements and cut in the correct positions.



Printing Full-Size without Margins on Three Sides

The procedure for three-sided borderless printing in the same size as the original document without enlarging or reducing the size is described below.

1. Open the [printer driver setup window](#)

2. Select the paper source

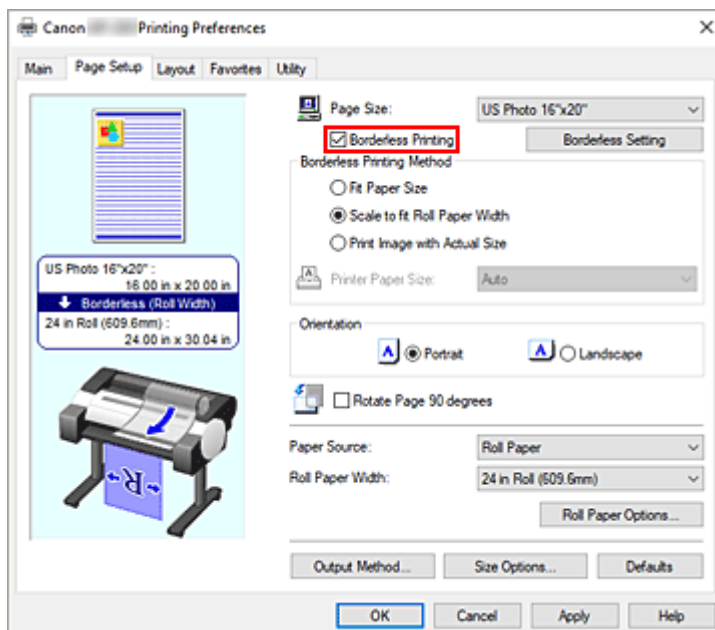
From the **Paper Source** list on the **Page Setup** tab, select **Roll Paper**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under **Roll Paper Width**.

4. Select borderless printing

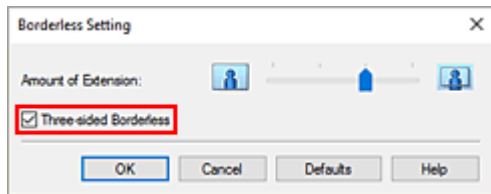
In the **Page Setup** tab, place a checkmark next to the **Borderless Printing** option.



After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Click **Borderless Setting**

When the **Borderless Setting** dialog box is displayed, place a checkmark next to **Three-sided Borderless**, and then click **OK**.



6. Select a method for printing borderless

In the **Borderless Printing Method** tab, place a checkmark next to the **Print Image with Actual Size** option.

7. Complete the setting process

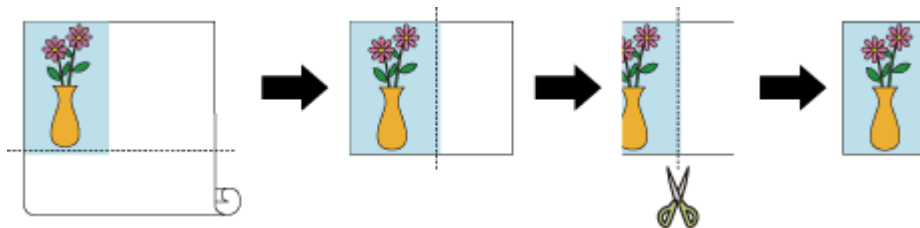
Click **OK**.

If you print now, the document will be printed without margins on three sides while retaining the same document size.

8. Cut the right side of the paper

Cut the margin on the right side of the paper with scissors after printing.

To get the document to standard size, it is recommended to take measurements and cut in the correct positions.



►► Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the **Roll Paper Options** dialog box select **No** from the **Automatic Cutting** list. When you do so, the document will be printed without the left margin. After the printed material has exited the printer and has been cut, cut the upper, lower, and right edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.
- The following roll paper supports borderless printing.

➔ [Paper Sizes](#)

- If margins are formed on the left of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
See "[Borders appear in borderless printing](#)" for details on how to set the amount extending off paper.

▶▶ Note

- When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

Printing Hanging and Horizontal Banners (Large-Format Printing)

A drapery or banner up to 18.0m can be made by enlarging or reducing original documents made on application software.

However, there are cases in which an 18.0 meter banner cannot be printed because the application software used has limits on the document size that can be set.

The procedure for printing hanging and horizontal banners is as follows:

Print for width of roll

1. Create document by using application software

2. Open the [printer driver setup window](#)

3. Select the paper size

Select the same original paper size created in the application soft in the **Page Setup** tab's **Page Size**. In the event an optional size is set in the application software, select **Custom Size** from **Custom Paper Size** in **Page Size** and [designate size](#) in the dialog box that appears.

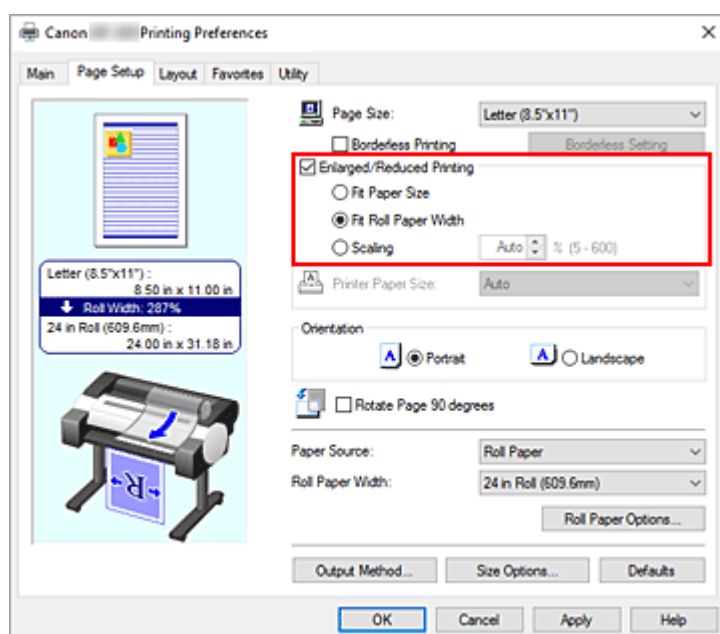
4. Select roll width

Select the equivalent to the paper width of the roll set in the printer under **Roll Paper Width**.

5. Set **Enlarged/Reduced Printing**

Check **Enlarged/Reduced Printing** and select **Fit Roll Paper Width**.

When the **Information** dialog box appears, select the equivalent to the paper width of the roll set in the printer.



6. Complete the setup

Click **OK**.

When printing is executed, a drapery or banner can be printed according to the roll.

Enlarge and print

1. Register user-defined paper

Register both the actual desired print size (user-defined paper 1) and original document size created in application (user-defined document size 2) in the [Size Options...](#) under the **Page Setup** tab.

▶▶▶ Note

- Please set user-defined paper 2 to the same aspect ratio as user-defined paper 1. If the aspect ratio differs, the enlarged image may not turn out to be the expected size.
After creating user-defined paper 1, if user-defined paper 2 is created after checking **Fix the Ratio of the Width to Height**, settings can be set to the same aspect ratio.
Also set user-defined paper 2 to a size that doesn't exceed the maximum size supported by the application.
For example, when printing on paper 600mm wide and 3,000mm long, use the following settings.
(when setting length to 1/6 the user-defined paper)
 - User-defined paper 1: **Width** 600mm, **Height** 3,000mm
 - User-defined paper 2: **Width** 100mm, **Height** 500mm

2. Create original document in application software

Use the registered user-defined paper 2 size to create original document using an application.

3. Open printer driver settings screen

4. Select Paper Size

Select registered user-defined paper 1 from **Custom Paper Size** in **Page Setup** tab's **Page Size**.

5. Complete the setup

Click **OK**.

When you print, the hanging or horizontal banner is printed by using the user-defined size.

▶▶▶ Note

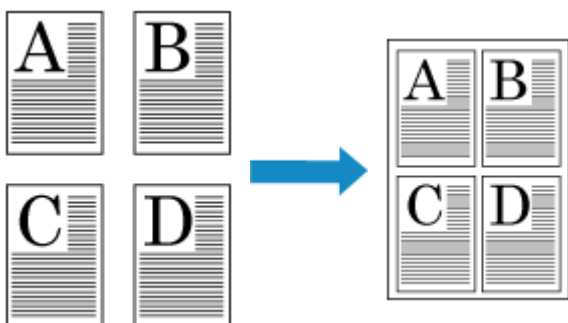
- Maximum printable length is 18.0m. In the event the enlarged length exceeds 18.0m, the part of the image exceeding the length will not be printed.
- If printing cannot be performed correctly, you may be able to improve printing by using the **Special Settings** dialog box on the **Layout** tab to change **FineZoom Settings** to **Yes**.

Printing by Dividing/Joining Documents

- **Inputting Multiple-file Documents into Free Layout plus**
- **Lining Up and Printing Multiple Documents to Cut Sheets**
- **Printing by Connecting Multiple Pages**
- **Printing Multiple Pages All on One Page**
- **Dividing and Printing Posters**

Lining Up and Printing Multiple Documents to Cut Sheets

You can line up multiple documents that were created separately and print them together on one page.

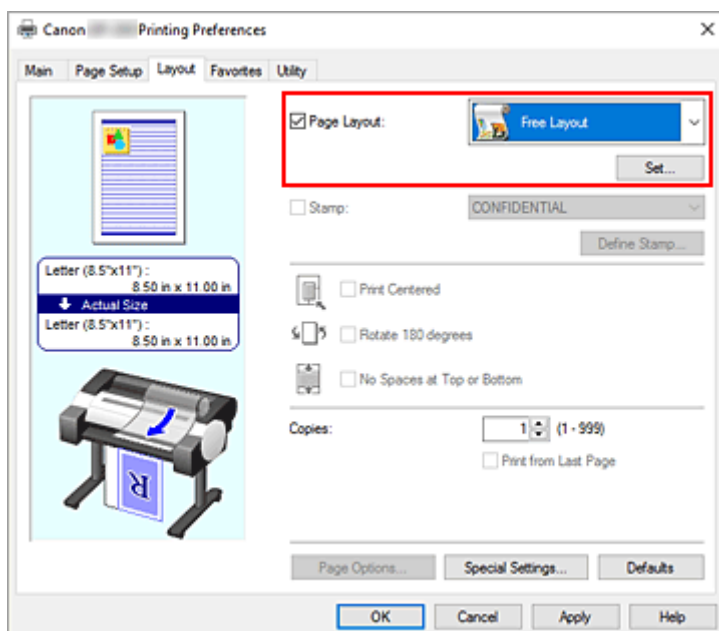


You must install imagePROGRAF Printer Driver Extra Kit to use this function. Go to the Canon website, download imagePROGRAF Printer Driver Extra Kit, and then install it

The procedure for lining up and printing multiple documents to cut sheets is as follows:

1. Open the [printer driver setup window](#)
2. Select **Free Layout**

On the **Layout** tab, select the **Page Layout** check box, and then from the pull-down menu, select **Free Layout**.



3. Complete the setup

Click **OK**.

When you print, Canon imagePROGRAF Free Layout starts. Canon imagePROGRAF Free Layout allows you to edit and rearrange images.

»» Note

- To lay out multiple application software documents onto one page, repeat steps 1 to 3 without closing the Canon imagePROGRAF Free Layout window.

Printing by Connecting Multiple Pages

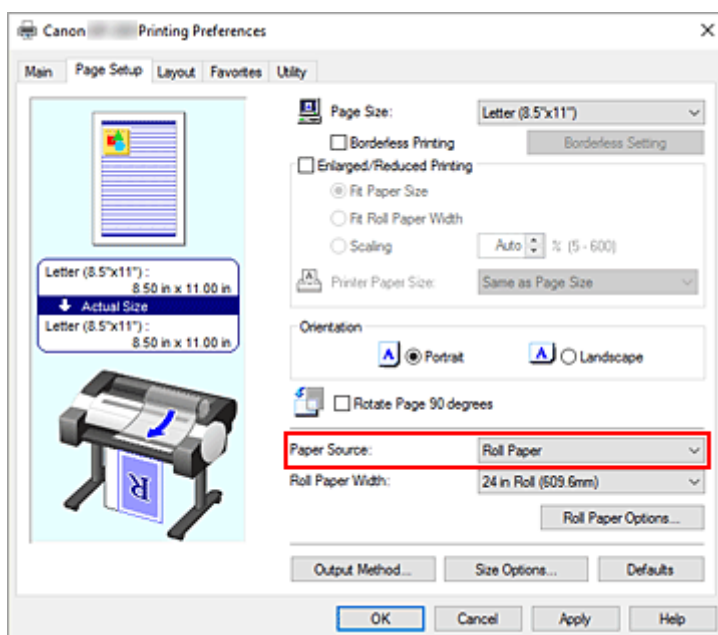
Print documents with several pages as one continuous document. When you do this, the spaces between the pages will be removed.

The procedure for printing by connecting multiple pages is as follows:

1. Open the [printer driver setup window](#)

2. Select the paper source

For **Paper Source** on the **Page Setup** tab, select **Roll Paper**.

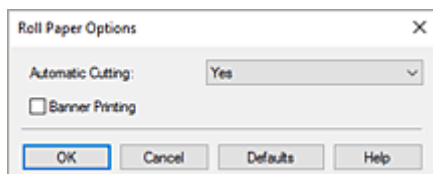


3. Set roll paper options

Click **Roll Paper Options** to display the **Roll Paper Options** dialog box.

Select the **Banner Printing** check box, and then click **OK**.

The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.



4. Complete the setup

Click **OK** on the **Page Setup** tab.

When you print, the document is printed with the print conditions you set.

Printing Multiple Pages All on One Page

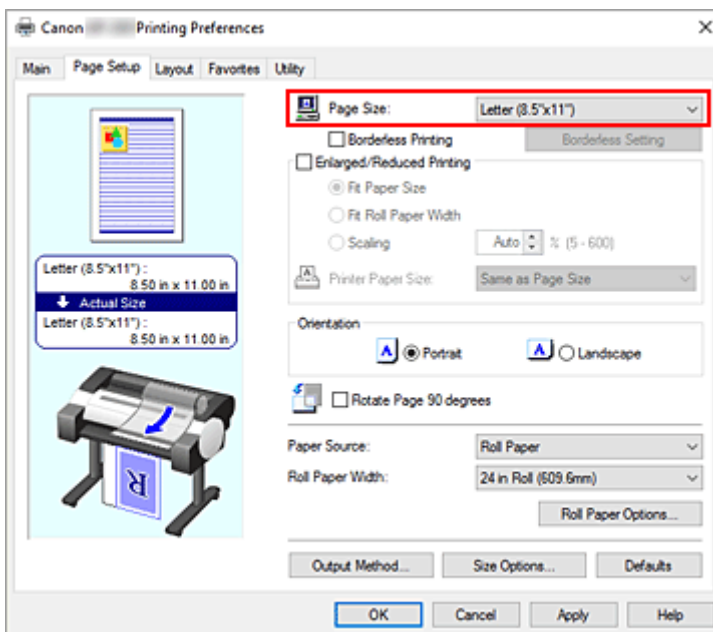
The page layout printing function allows you to print more than one page image on a single sheet of paper.



The procedure for printing multiple pages all on one page is as follows:

1. Open the [printer driver setup window](#)
2. Select the print paper size

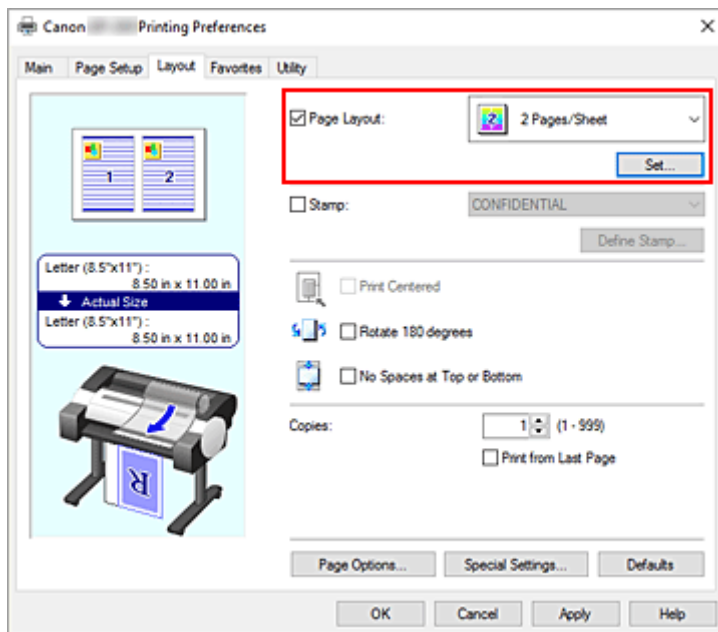
From the **Page Size** list on the **Page Setup** tab, select the size of the paper loaded in the printer.



3. Set number of pages to be printed per sheet

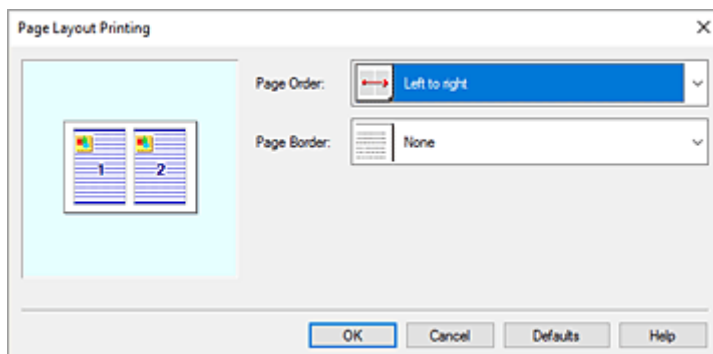
On the **Layout** tab, select the **Page Layout** check box, and from the pull-down menu, select **2 Pages/Sheet**, **4 Pages/Sheet**, **6 Pages/Sheet**, **8 Pages/Sheet**, **9 Pages/Sheet**, or **16 Pages/Sheet**.

The current settings are displayed in the settings preview on the left side of the window.



4. Set the number of pages to be printed on one sheet and the page order

If necessary, click **Set...**, specify the following settings in the **Page Layout Printing** dialog box, and click **OK**.



Page Order

To change the page arrangement order, select a placement method from the list.

Page Border

To print a page border around each document page, select something other than **None** from the list.

5. Complete the setup

Click **OK** on the **Layout** tab.

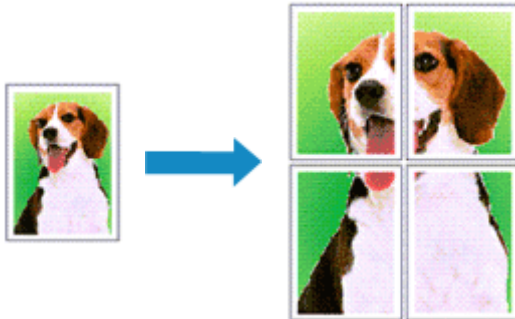
When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.

»»» Important

- When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Page Layout** is grayed out and cannot be set.
- If **Spooling at Printer Driver** in **Special Settings** dialog box is set to **No (Use RAW Spooling)**, **Page Layout** is grayed out and cannot be set.

Dividing and Printing Posters

The tiling/poster printing function allows you to enlarge image data, divide it into several pages, and print these pages on separate sheets of paper. You can also paste the pages together to create a large print like a poster.

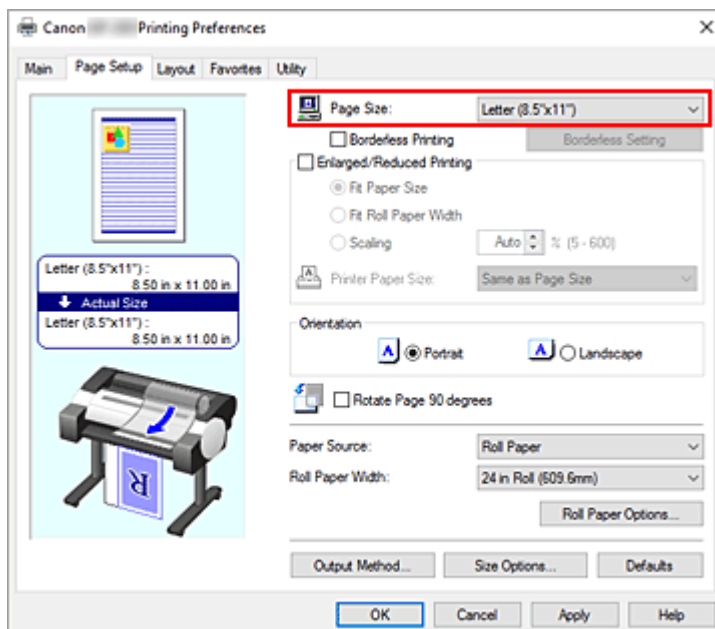


The procedure for dividing and printing posters is as follows:

Setting for Dividing and Printing Posters

1. Open the [printer driver setup window](#)
2. Select the print paper size

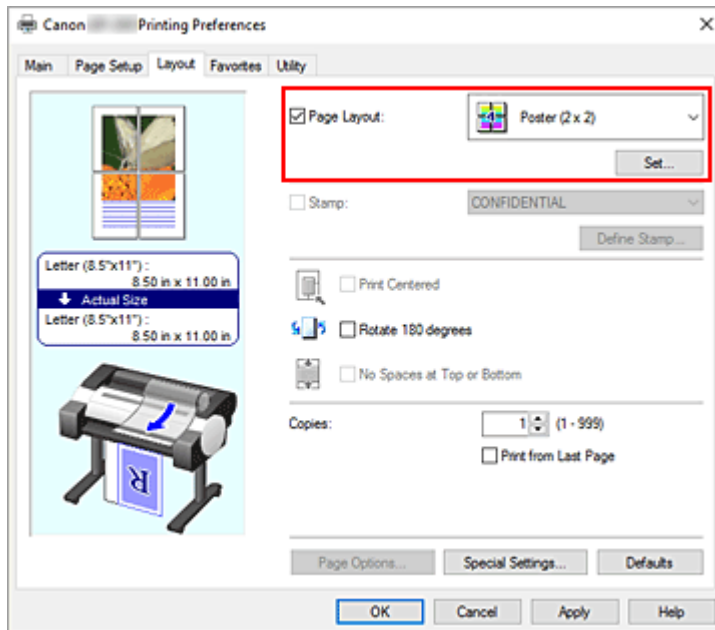
From the **Page Size** list on the **Page Setup** tab, select the size of the paper loaded in the printer.



3. Set number of divisions

On the **Layout** tab, select the **Page Layout** check box, and from the pull-down menu, select **Poster (1 x 2)** or **Poster (2 x 2)**.

The current settings are displayed in the settings preview on the left side of the window.



4. Complete the setup

Click **OK** on the **Layout** tab.

When you execute print, the document will be divided into several pages during printing.

►►► Important

- When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Page Layout** is grayed out and cannot be set.
- If **Spooling at Printer Driver** in **Special Settings** dialog box is set to **No (Use RAW Spooling)**, **Page Layout** is grayed out and cannot be set.

Printing Only Specific Pages

If ink becomes faint or runs out during printing, you can reprint only the specific pages by following the procedure below:

1. Display **Pages to Print** dialog box

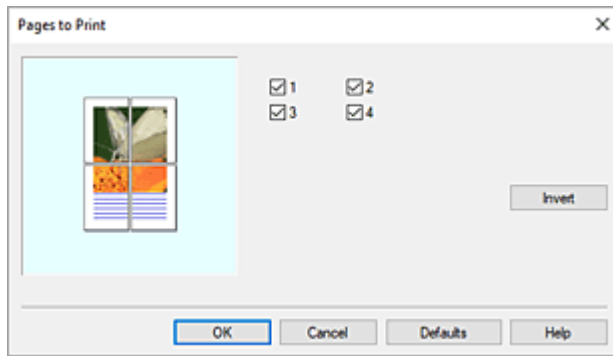
For **Page Layout**, click **Set...** to display the **Pages to Print** dialog box.

2. Set print range

Clear the check boxes of the pages you do not want to print.

In the setting view, the pages that you cleared are deleted and only the pages to be printed are displayed.

Check the pages to be printed, and then click **OK**.



▶▶▶ Note

- In the setting view on the left side of the **Pages to Print** dialog box, you can also clear the display by clicking the pages you do not want to print. To redisplay a cleared page, click that page again.
- To switch the pages to display/hide, click **Invert** in the **Pages to Print** dialog box.

3. Complete the setup

Click **OK** on the **Layout** tab.

When you print, only the specified pages are printed.

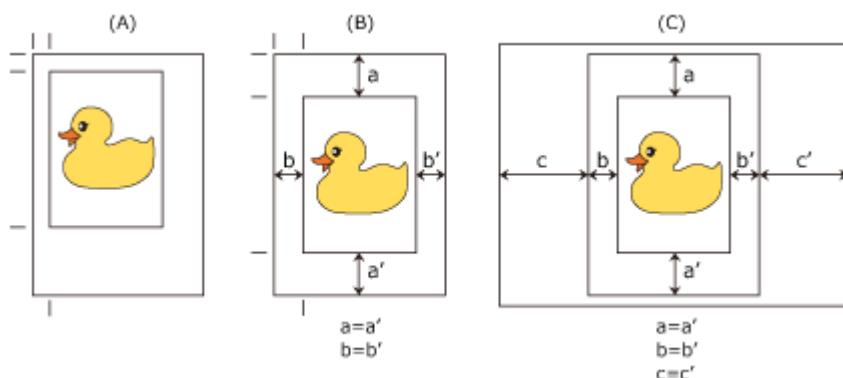
▶▶▶ Important

- If you partition and print as a poster, the source document will be printed in enlarged form, so the print results may become rough.

Printing Document in Center of Paper

When you want to position the source document in the middle of the cut paper and print, or print with even margins on the right and left in relation to the width of the roll paper, use the **Print Centered** function.

The print results when setting with **Print Centered** are as follows. Normally, if **Print Centered** is set when printed as in (A), it will be printed as in (B) for cut paper and (C) for roll paper.



►► Note

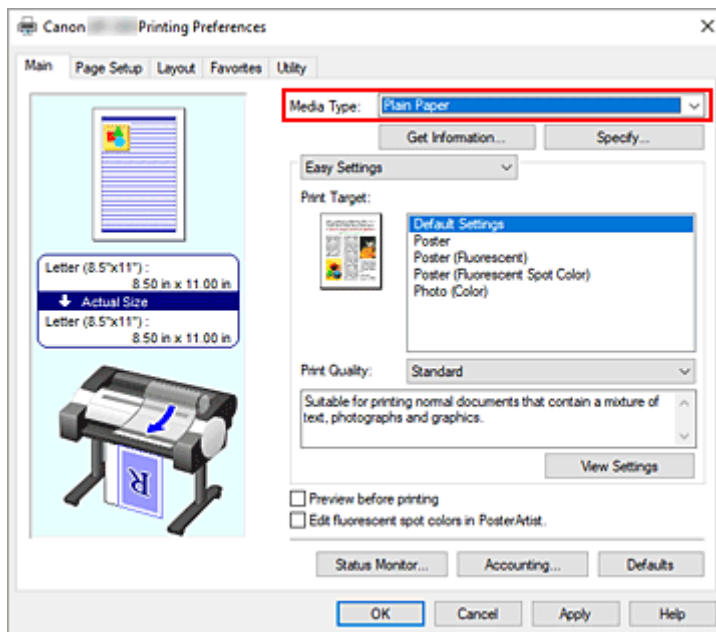
- When setting the magnification using **Scaling** from **Enlarged/Reduced Printing** on the **Page Setup** tab and printing, the start point for enlarge/reduce will always be fixed based on the top left corner of that page. For that reason, for reduced printing, the bottom and right margins of the paper will increase. At this time, if you place a checkmark next to **Print Centered** on the **Layout** tab, the top, bottom, left and right margins can all be printed evenly.

The procedure for printing in the center of the paper is as follows:

1. Open the [printer driver setup window](#)

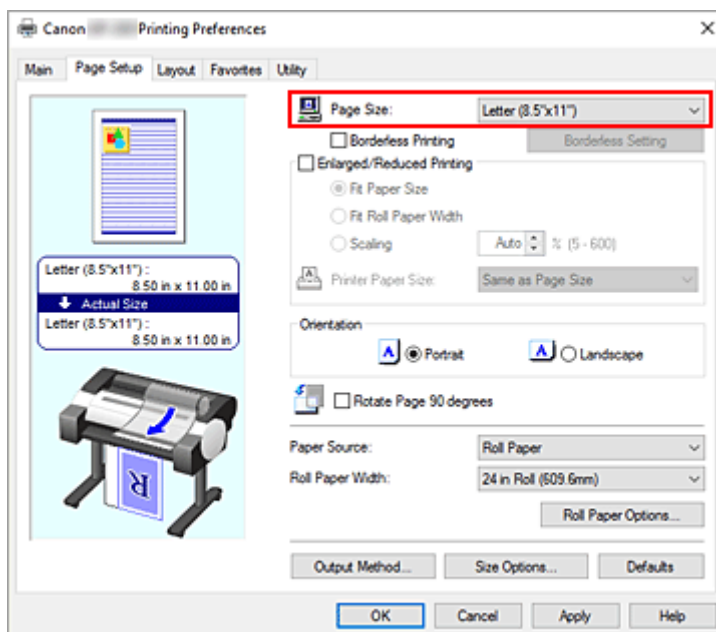
2. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select the paper size

Select the size of the paper you want to print from **Page Size** on the **Page Setup** tab.



4. Set magnification as necessary

Where necessary, attach a checkmark next to **Enlarged/Reduced Printing**, and set according to the objective.

5. Select the paper source

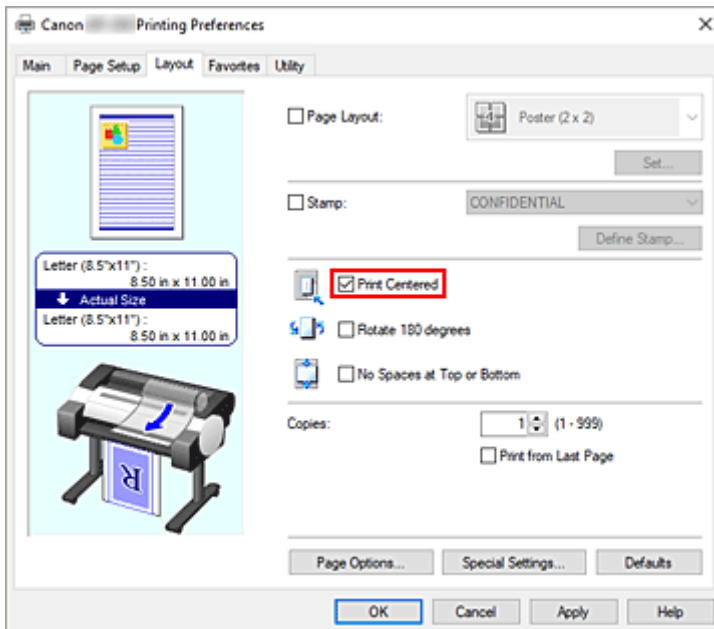
For **Paper Source**, select the setting that matches your purpose.

6. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

7. Print document in the center of paper

Select the **Print Centered** check box on the **Layout** tab.



8. Complete the setup

Click **OK**.

When you print, the document is printed in the center of the paper.

Printing by Saving Roll Paper

- **Saving Roll Paper by Rotating Document 90 Degrees**
- **Saving Roll Paper by Eliminating Upper and Lower Margins on Document**

Saving Roll Paper by Rotating Document 90 Degrees

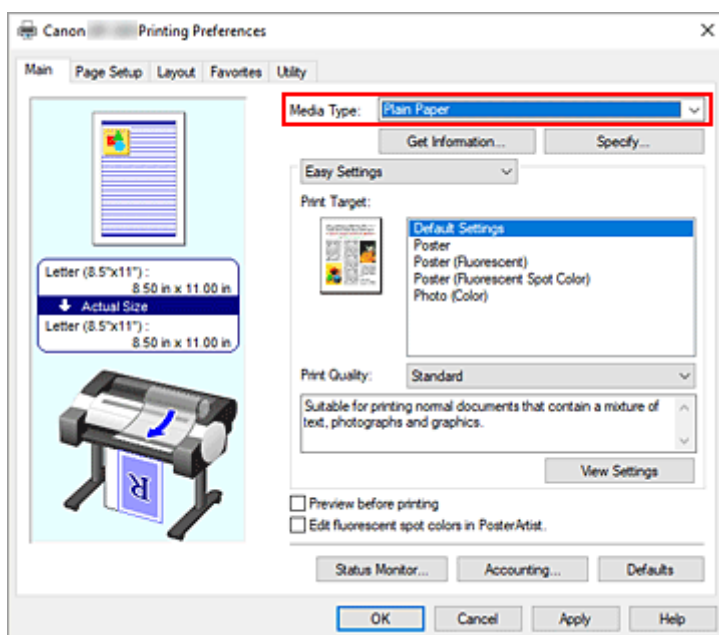
When printing a portrait document on roll paper, you can save paper by rotating the document 90 degrees and printing the document so that it is oriented horizontally relative to the paper.

The procedure for saving paper by rotating the document 90 degrees is as follows:

1. Open the [printer driver setup window](#)

2. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

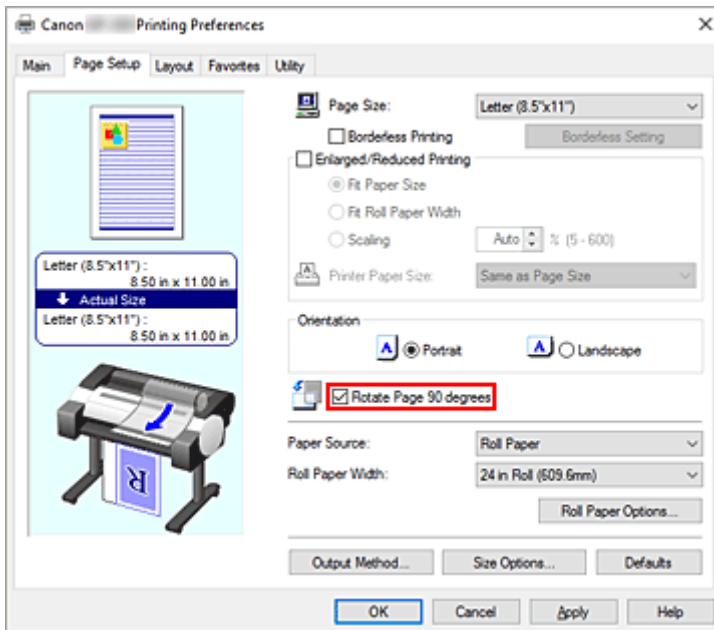
4. Select the paper source

In **Paper Source**, select **Roll Paper**.

5. Selecting Paper Saving

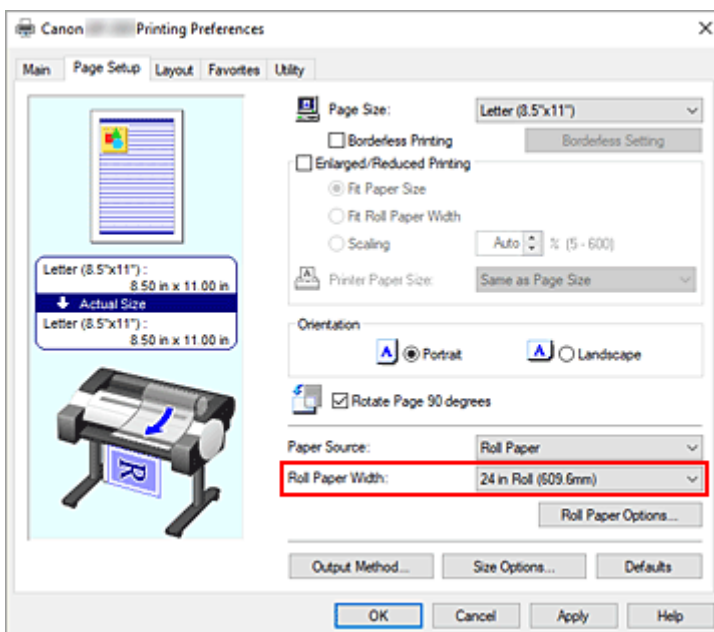
Select the **Rotate Page 90 degrees** check box.

The current settings are displayed in the settings preview on the left side of the window.



6. Select roll paper width

For **Roll Paper Width**, select the width of the roll paper loaded in the printer.



7. Complete the setup

Click **OK**.

When you print, you can rotate a portrait document 90 degrees to save paper.

»» Important

- When there is a checkmark attached to **Banner Printing** on the **Page Setup** tab, **Rotate Page 90 degrees** is grayed out and cannot be set.

- When selecting paper in portrait format as the **Page Size** from the **Page Setup** tab, if the length in the vertical direction is longer than the width selected in **Roll Paper Width**, even if a checkmark is placed next to **Rotate Page 90 degrees**, the page will not be rotated.

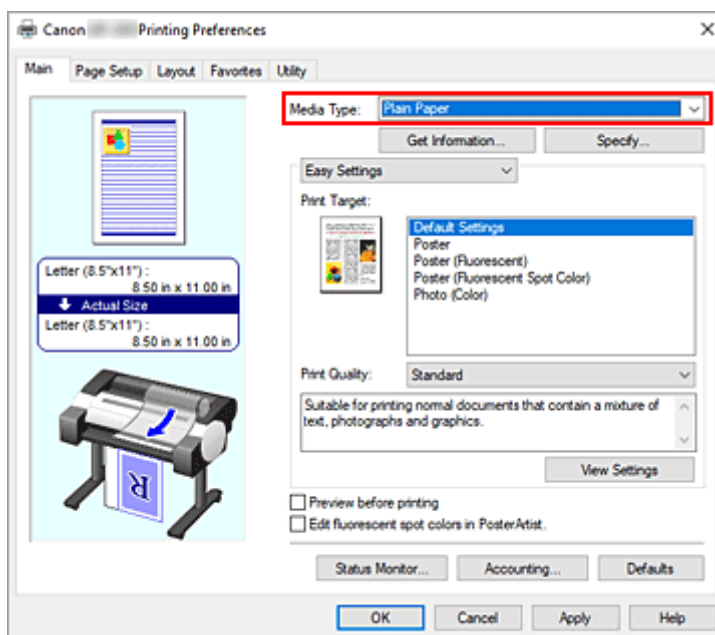
Saving Roll Paper by Eliminating Upper and Lower Margins on Document

When printing on roll paper, you can save paper by reducing the upper and lower margins when printing.

The procedure for saving paper by reducing the upper and lower margins is as follows:

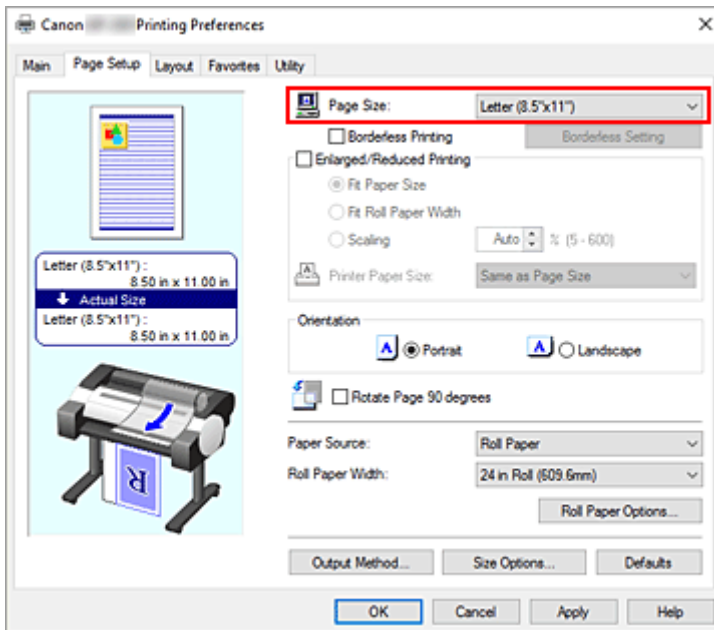
1. Open the [printer driver setup window](#)
2. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.



3. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.



4. Select the paper source

For **Paper Source**, select **Roll Paper**.

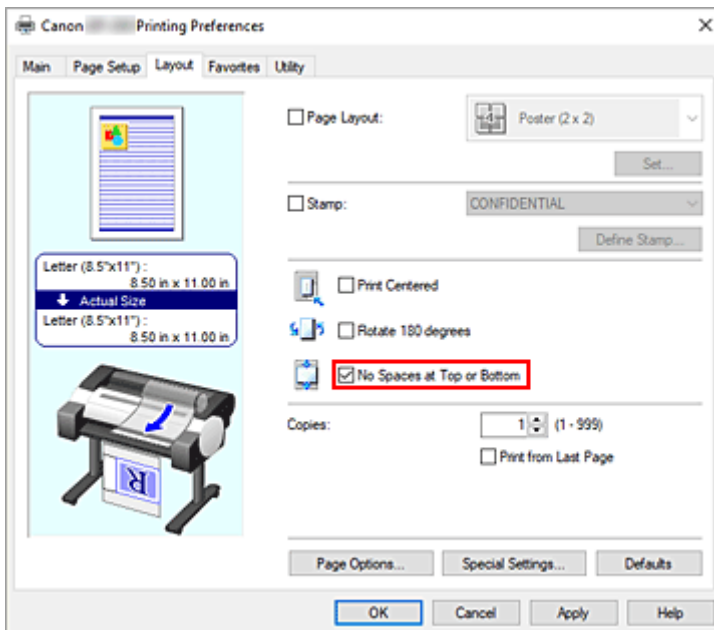
5. Select roll paper width

For **Roll Paper Width**, select the width of the roll paper loaded in the printer.

6. Selecting Paper Saving

On the **Layout** tab, select the **No Spaces at Top or Bottom** check box.

The current settings are displayed in the settings preview on the left side of the window.



7. Complete the setup

Click **OK**.

When you print, the upper and lower margins are reduced so that you can save paper.

Switching the Paper Source to Match the Purpose

This printer has two paper sources: Roll and Cut Sheet.

You can facilitate printing by selecting a paper source setting that matches your media type or purpose.

The procedure for setting paper source is as follows:

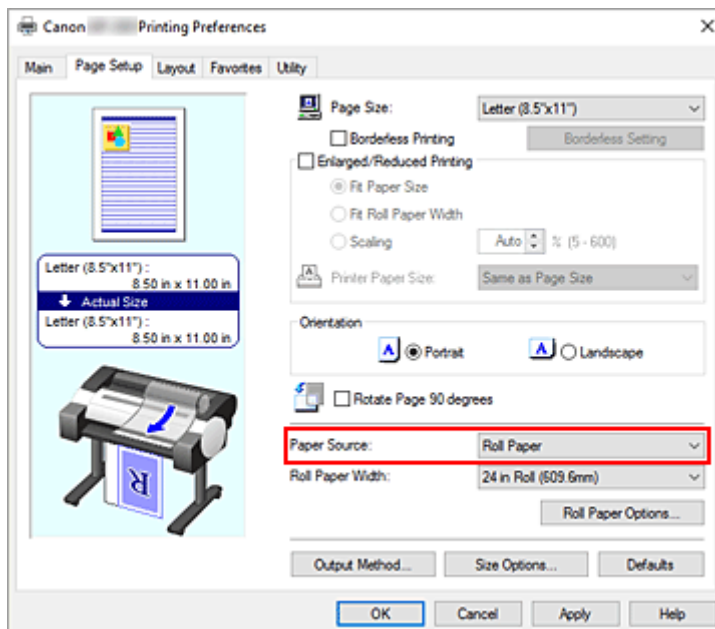
1. Open the [printer driver setup window](#)

2. Select the media type

Select the type of paper loaded in the printer from the **Media Type** list on the **Main** tab.

3. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, select the paper source that matches your purpose.



Roll Paper

Feeds paper using roll paper.

Cut Sheet

Feeds paper using the cut paper.

4. Complete the setup

Click **OK**.

When you execute print, the printer uses the specified paper source to print the data.

▶▶▶ Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can still print but you may not be able to obtain correct print results.

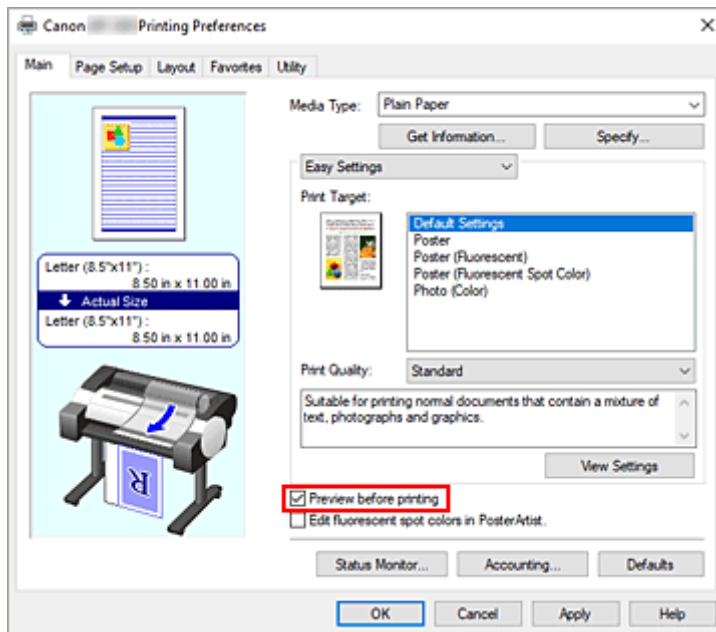
Displaying the Print Results before Printing

You can display and check the print result before printing.

The procedure for displaying the print result before printing is as follows:

1. Open the [printer driver setup window](#)
2. Set the preview

Check the **Preview before printing** check box on the **Main** tab.



3. Complete the setup

Click **OK**.

When you execute print, the Canon imagePROGRAF Preview opens and displays the print results.

Related Topic

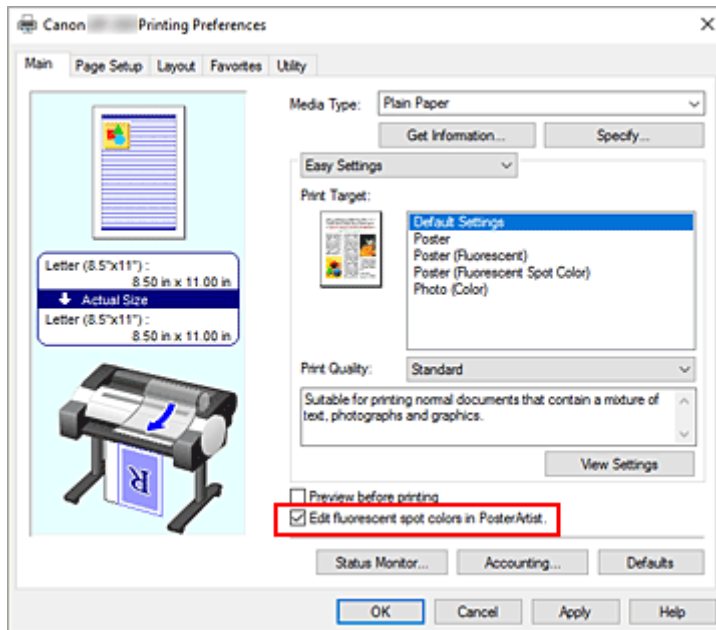
➔ [Canon imagePROGRAF Preview](#)

Link with PosterArtist to print with bright colors

With PosterArtist, you can import the data you want to print, and then edit fluorescent spot colors and check print results using the preview function.

1. Open [printer driver's setup screen](#)
2. Link with PosterArtist

Add a checkmark to **Edit fluorescent spot colors in PosterArtist** in the **Main** sheet.



3. Start PosterArtist

Click **OK**.

When you start printing, PosterArtist will start, and the **Page Capture** window will open.

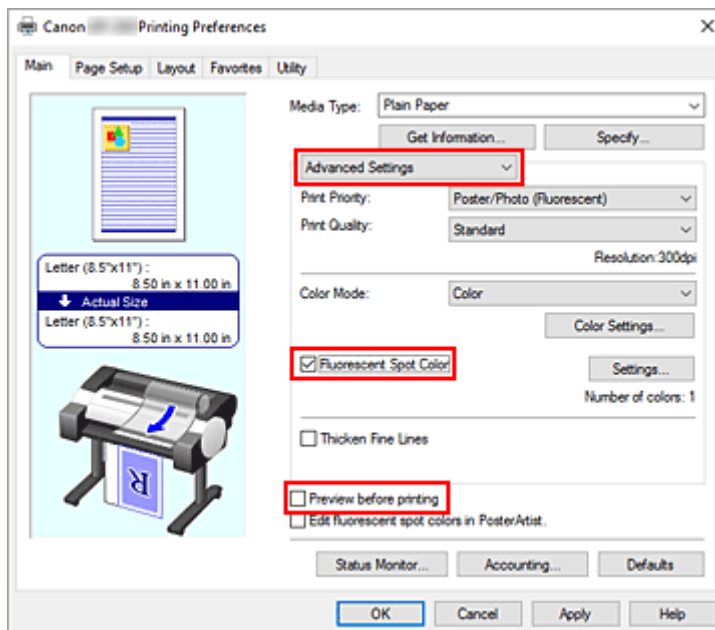
4. Select Pages to Import with PosterArtist
5. Edit the page in PosterArtist

Follow the instructions displayed on the PosterArtist screen to operate.

Specify Fluorescent Colors and Print

You can set specific RGB values in advance for text and figures that are painted over (single-color painting) with the color palette of the application you are using, and print the specified sections of posters with bright colors using fluorescent ink.

1. Select Advanced Settings

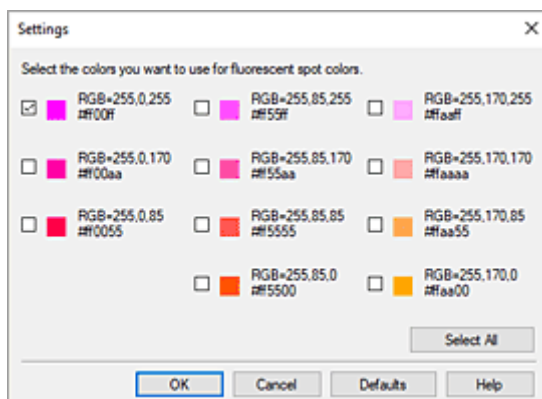


2. Add a checkmark to **Fluorescent Spot Color** Set becomes active.

Set becomes active.

3. Click **Set**

The color palette will be displayed.



You can print the color palette from the printer operation panel. Print to the paper of your choice, and set the RGB values as you check the colors.

➔ [Test print](#)

4. Add a checkmark to the color of the fluorescent ink you want to print with

5. Print

The color that you added the checkmark for will be brightly printed.

We recommend that you add a checkmark to **Preview before printing** to confirm how the color you checked will appear when printed.

▶▶▶ Note

- When printing by specifying fluorescent colors, the RGB values set by the application software must be retained when being input to the printer driver. If color management is performed during printing by the application software, the RGB values are not retained, and therefore may not produce the desired print results. If this happens, configure the settings on the application software as follows.
For detailed instructions on settings, see the user's guide of the application software you are using.
 - Disable color management and color adjustment functions during printing.
 - Configure settings so that color management during printing is performed by the printer.
 - For color management during printing, specify the same profile as the document profile.
- Under the following conditions, printing may not produce the desired results.
 - Text or shapes that have been shaded, rotated, or anti-aliased
 - Data with specified RGB values that were saved in GIF format
- Sections that are close to the specified RGB values will also be printed with bright colors.
- If you want to print gradations using fluorescent ink, configure **Poster (Fluorescent)** in **Print Target** under **Easy Settings**.

Other Convenient Settings

- **Stamp Printing**
- **Setting a Page Size and Orientation**
- **Registering a Frequently Used Printing Profile**
- **Cutting Roll Paper after Printing**

Stamp Printing

The **Stamp** function allows you to print a stamp text over or behind document data.

"DRAFT," "CONFIDENTIAL," and other stamps that are used often in companies are pre-registered.

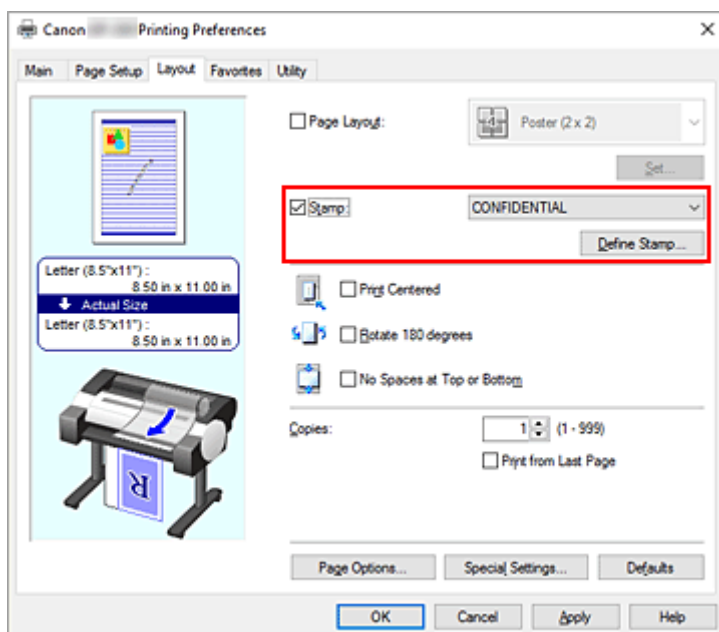
The procedure for printing with a stamp is as follows:

1. Open the [printer driver setup window](#)

2. Select stamp

On the **Layout** tab, select the **Stamp** check box, and then select the stamp to use from the list.

The current settings are displayed in the settings preview on the left side of the **Layout** tab.



3. Complete the setup

Click **OK**.

When you execute print, the data is printed with the specified stamp.

»»» Important

- Depending on your usage environment, you may not be able to use the **Stamp** function. In this case, set **Spooling at Printer Driver** in the [Special Settings dialog box](#) to **Yes**.

Registering a Stamp

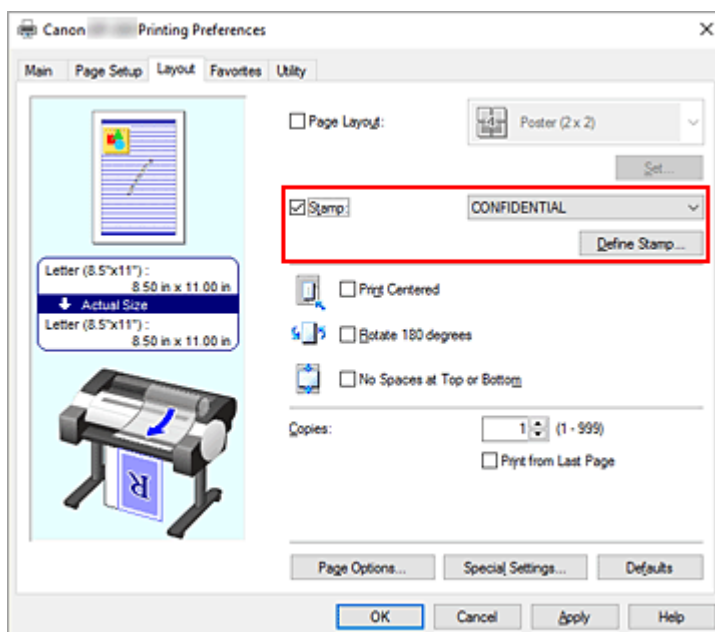
You can create and register a new stamp. You can also change and re-register some of the settings of an existing stamp. Unnecessary stamps can be deleted at any time.

The procedure for registering a new stamp is as follows:

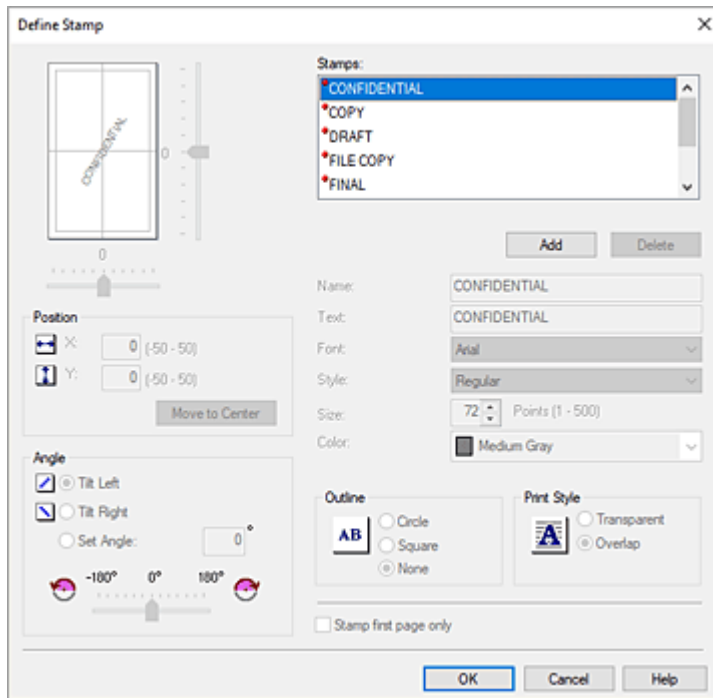
Registering a New Stamp

1. Open the [printer driver setup window](#)
2. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp....**



The **Define Stamp** dialog box opens.



3. Set stamp details

Click **Add** to add a new stamp (**Untitled**) to the list.

In **Name**, enter the name of the stamp to register, and in **Text**, enter the character string you want as the stamp.

Change the **Font**, **Style**, **Size**, and **Color** settings as necessary.

4. Set the other items

Set the following items as necessary.

Outline

Selects a frame that encloses the stamp text string.

Print Style

Select the stamp print method.

Select **Transparent** to print the stamp on the back of the document, and select **Overlap** to print it on the front.

Position

Specifies the stamp position on the page.

Enter numbers in **X** and **Y** to set the coordinates, or drag the horizontal and vertical slide bars to the left/right or up/down to change the settings.

Angle

Set the stamp placement angle.

Enter a number in **Set Angle** to set the angle, or drag the slide bar to the left/right to change the setting.

Set the angle by entering a number in range of -180 to 180.

Stamp first page only

To print the stamp on the first page only, select this check box.

5. Complete the setup

Click **OK** to return to the **Layout** tab.

The registered title appears in the **Stamp** list.

Changing and Registering Some of Stamp Settings

1. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**

The **Define Stamp** dialog box opens.

2. Select the stamp for which the settings are to be changed

From **Stamps**, select the title of the stamp you want to change the settings for.

3. Configure each setting while viewing the preview

4. Complete the setup

Click **OK** to return to the **Layout** tab.

The registered title appears in the **Stamp** list.

▶▶▶ Note

- The stamp registered as the default setting cannot be changed.

Deleting an Unnecessary Stamp

1. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**

The **Define Stamp** dialog box opens.

2. Select the stamp to be deleted

Select the title that you wish to delete from the **Stamps** and click **Delete**.

Click **Yes** when the confirmation message appears.

3. Complete the setup

Click **OK** to return to the **Layout** tab.

▶▶▶ Note

- The stamp registered as the default setting cannot be deleted.

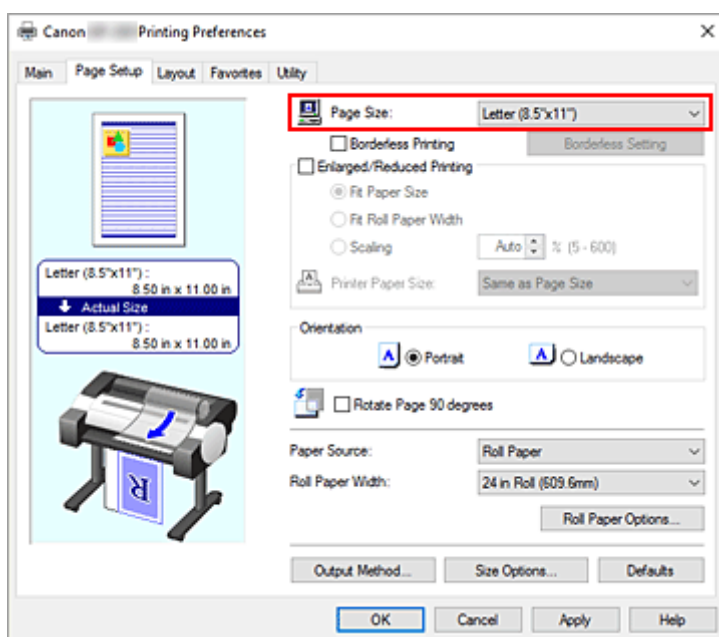
Setting a Page Size and Orientation

The paper size and orientation are essentially determined by the application software. When the page size and orientation set for **Page Size** and **Orientation** on the **Page Setup** tab are same as those set with the application software, you do not need to select them on the **Page Setup** tab.

When you are not able to specify them with the application software, the procedure for selecting a page size and orientation is as follows:

1. Open the [printer driver setup window](#)
2. Select the paper size

Select a page size from the **Page Size** list on the **Page Setup** tab.



3. Set Orientation

Select **Portrait** or **Landscape** for **Orientation**. Check **Rotate Page 90 degrees** check box when you want to perform printing with the original being rotated 90 degrees.

4. Complete the setup

Click **OK**.

When you execute print, the document will be printed with the selected page size and the orientation.

Registering a Frequently Used Printing Profile

You can register the frequently used printing settings to **Favorites**. Unnecessary printing profiles can be deleted at any time.

The procedure for registering a printing profile is as follows:

Registering a Printing Profile

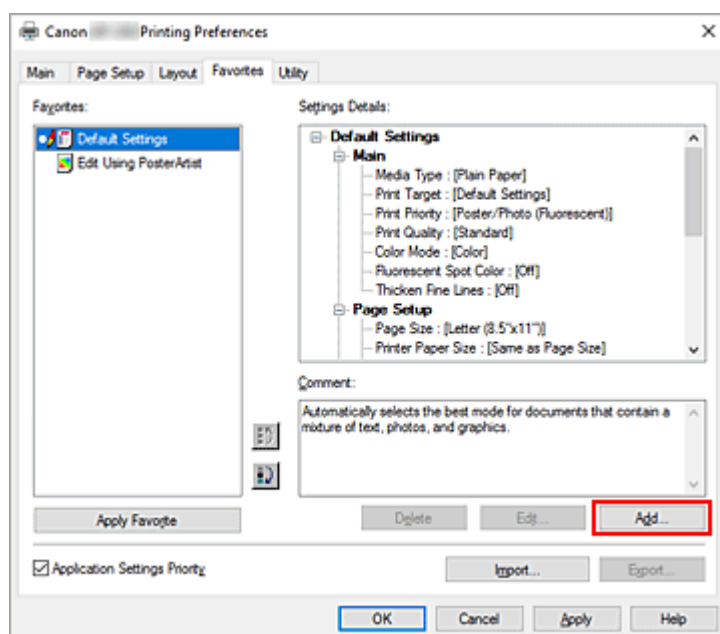
1. Open the [printer driver setup window](#)

2. Set the necessary items

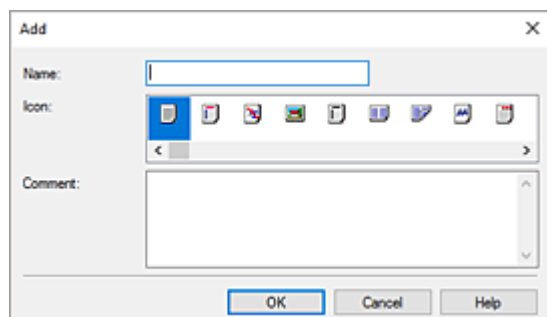
On the **Main** tab, the **Page Setup** tab, and the **Layout** tab, specify the print settings you want to register.

3. Display **Add** dialog box

On the **Favorites** tab, click **Add...**



The **Add** dialog box opens.



4. Register favorite setting

In **Name**, enter the name of the favorite. Set the **Icon** and **Comment** fields as necessary, and then click **OK**.

The name and the icon appear in the **Favorites** list.

To check the settings of the registered favorite, click **Settings Details**.

»» Note

- To save the settings of the favorite to a file, click **Export...** on the **Favorites** tab.

Printing Using Favorite Settings

1. Open the printer driver setup window

2. Apply favorite

From the **Favorites** list on the **Favorites** tab, select the favorite you want to use.

Click **Apply Favorite** to replace the registered print settings.

3. Complete the setup

Click **OK**.

When you print, the document is printed with the settings of the registered favorite.

Deleting Unnecessary Printing Profile

1. Select favorite to be deleted

Select the favorite you want to delete from the **Favorites** list on the **Favorites** tab.

2. Delete setting

Click **Delete**. When the confirmation message appears, click **OK**.

The selected favorite is deleted from the **Favorites** list.

»» Note

- Printing profiles that are registered in the initial settings cannot be deleted.
- The settings of the favorite being applied to the current print settings cannot be deleted. To delete that favorite, select another favorite from the **Favorites** list, click **Apply Favorite** to apply the settings of that other favorite, and then delete the target favorite.

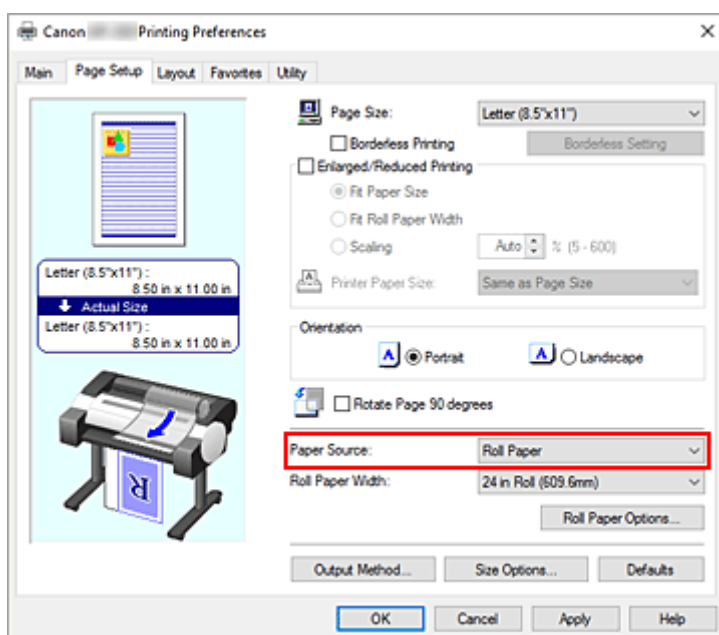
Cutting Roll Paper after Printing

The procedure for cutting roll paper automatically and printing cut guidelines is as follows:

1. Open the [printer driver setup window](#)

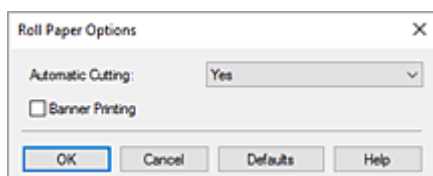
2. Select the paper source

For **Paper Source** on the **Page Setup** tab, select **Roll Paper**.



3. Display **Roll Paper Options** dialog box

Click **Roll Paper Options** to display the **Roll Paper Options** dialog box.



4. Set auto cut

From **Automatic Cutting**, select the item that matches your purpose.

The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

- **Yes**

The roll paper is cut automatically after printing.

- **No**

The roll paper is not cut after printing.

- **Print Cut Guideline**

Cut guidelines are printed for cutting the roll paper manually after printing.

»» Note

- The default setting for automatic cutting is **Yes**.

After completing the setting, click **OK** to return to the **Page Setup** tab.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you print, the status after printing is set to whatever was set in **Automatic Cutting**.

Printing from Printer

- [Printing Data Saved on USB Flash Drive](#)

Printing Data Saved on USB Flash Drive

You can print photo data (JPEG file) or document data (PDF file) saved on the USB flash drive easily.


▶▶▶ Note

- Restrictions on printable PDF/JPEG files
 - PDF file:
 - Files which conforms to V 1.7
 - Does not support overprint or some of transparent processing.
 - Font embedding is recommended. If a font is not embedded, it is replaced with one of the built-in fonts below.
Times-Roman, Helvetica, Courier, Symbol, Times-Bold, Helvetica-Bold, Courier-Bold, ZapfDingbats, Times-Italic, Helvetica-Oblique, Courier-Oblique, Times-BoldItalic, Helvetica-BoldOblique, Courier-BoldOblique
 - JPEG file:
 - Files which conforms to JFIF 1.02
 - Supports the files with the following conditions.
 - Processing method: Basic DCT
 - Color mode: RGB/GrayScale
 - Number of colors: 24bit/8bit
 - Number of pixels: 38400 or less vertically and horizontally
 - Does not support some samplings

1. Load paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

2. Insert USB flash drive into USB flash drive port.

3. Tap on  (**Print from USB flash drive**) displayed on the top right of the HOME screen.

▶▶▶ Note

- When the message informing you that the operation restriction is enabled, ask the administrator of the printer you are using.
- If no printable data is saved on the USB flash drive, **There are no files that can be printed.** is displayed on the touch screen.

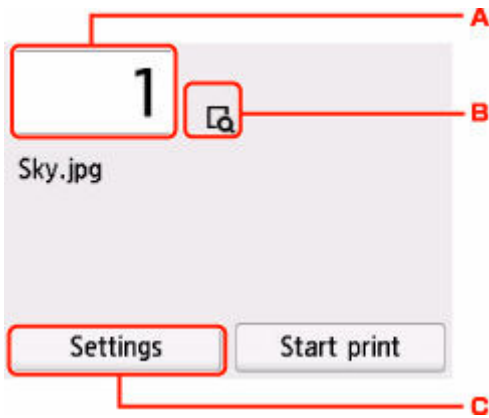
4. In the list, tap folder or data to print.

Tapping a folder displays the data list. Tap the data to print.

»» Note

- If no printable data is saved on the folder you tapped, **There are no files that can be printed.** is displayed on the touch screen.

The following screen is displayed.



A. Number of copies

Tap to display the screen below and specify the number of copies.

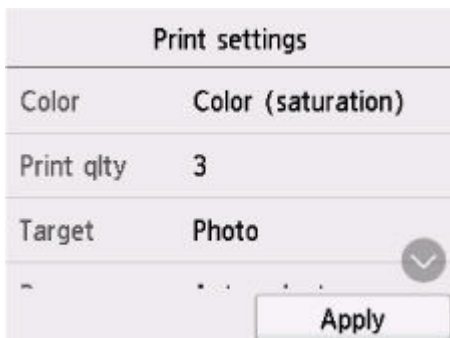


B. Preview

Tap to preview an image of the printout on the preview screen.

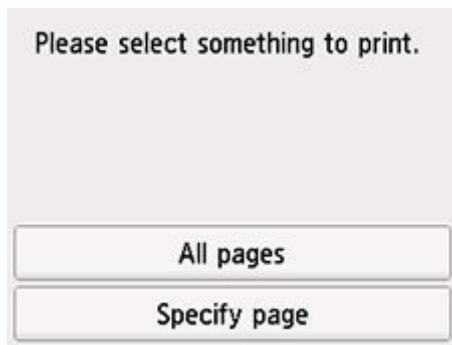
C. Settings

Tap to display the **Settings** screen. You can check and change the print settings.



5. Tap Start print.

The following screen is displayed.



All pages

Tap to start printing all pages.

Specify page

Tap to specify a page to print. Tap **OK** to start printing the specified page.

»» Note

- Tapping **Yes** on the displayed screen returns to step 4. Tapping **No** returns to HOME screen.

Printing from Smartphone/Tablet

For more on printing from a device, refer to the device's or application's instruction manual.

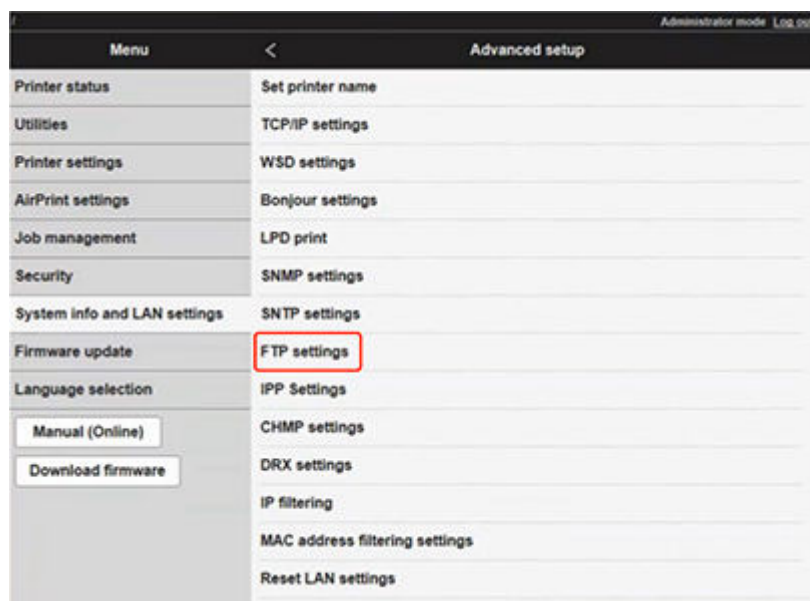
- ▶ **Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY**
- ▶ **Printing from iOS Device (AirPrint)**

Enlarging Copy with imageRUNNER ADVANCE

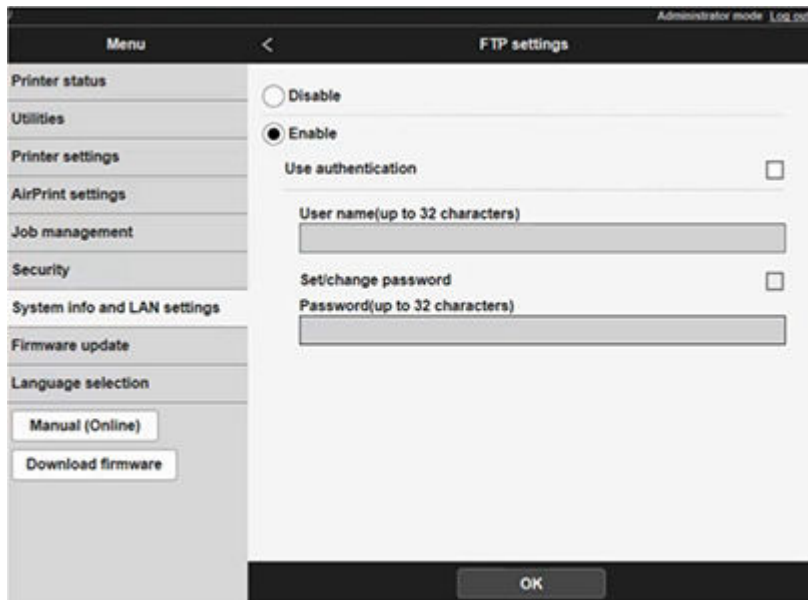
Copy scanned with imageRUNNER ADVANCE can be sent to the printer via FTP.

Enable FTP from Remote UI.

1. Start up Remote UI.
 - ➔ [Start up Remote UI](#)
2. Select **System info and LAN settings**.
3. Select **LAN settings**.
4. Select **Advanced setup**.
5. Confirm displayed message and tap **Yes**.
6. Select **FTP settings**.



7. Select **Enable**.



8. Select **Use authentication** check box and **Set/change password** check box, and then enter a user name and password.

The user name and password you enter in this step are used for FTP authentication.


Enter the same value for FTP settings of imageRUNNER ADVANCE.

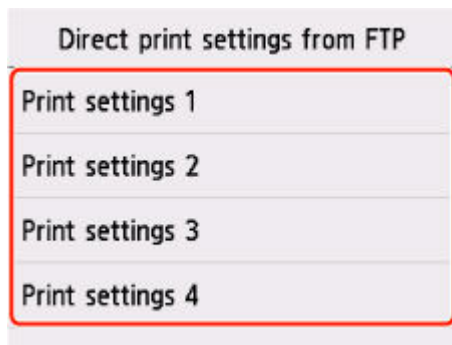
9. Select **OK**.

Please wait momentarily appears and returns to the startup screen.

10. Close web browser.

Perform enlarge settings on the operation panel.

1. Tap  (**Setup**) on HOME screen.
 ➔ [Home Screen Menu Composition](#)
2. Tap **Printer settings**.
3. Tap **Print settings**.
4. Tap **Direct print settings from FTP**.
5. Select the number to set and tap.

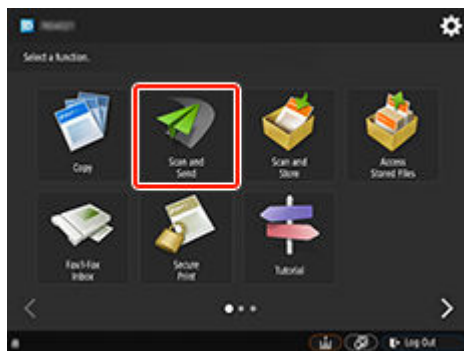


See the following two types of enlargement setting methods.

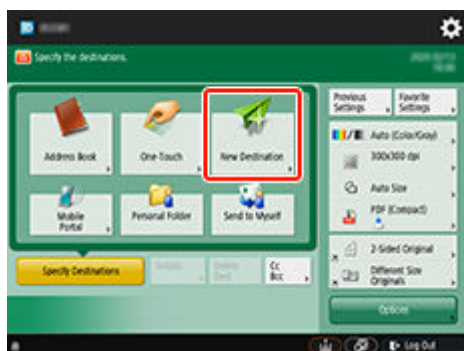
- ➔ [Fitting to Paper Width](#)
- ➔ [Specifying Magnification Level](#)

Scan and enlarge copy

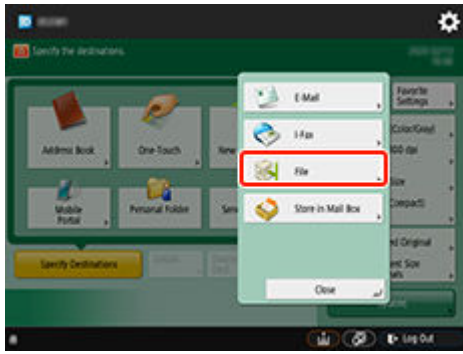
1. Place the copy on the platen glass or feeder of imageRUNNER ADVANCE.
2. Select **Scan and Send**.



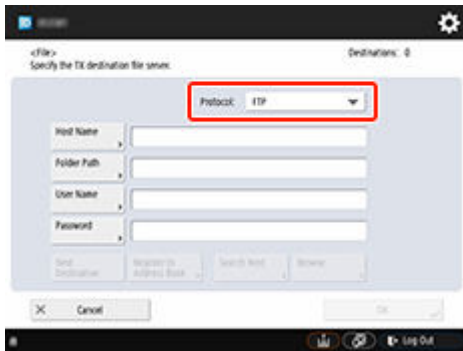
3. Tap **New Destination**.



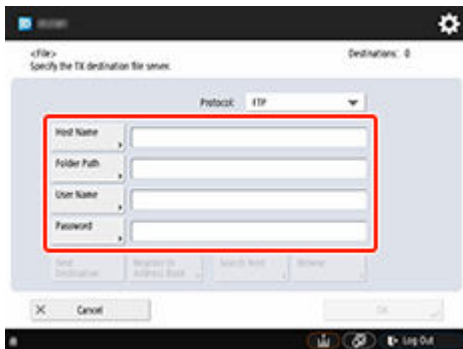
4. Tap **File**.



5. Tap **FTP** from the **Protocol** drop-down list.



6. Enter setting items.



Enter the printer's IP address as the **Host Name**.

➤➤➤ Note

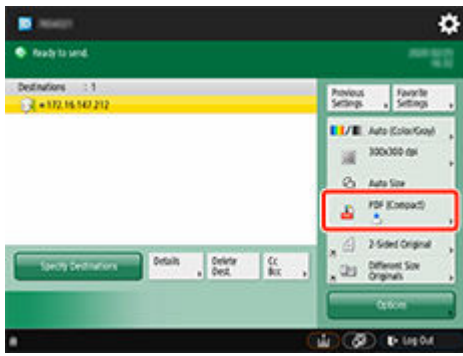
- We recommend that you set a fixed IP address for your printer.

Enter **"/folderN"** in **Folder Path**. ("N" represents the print setting number specified in the **Direct print settings from FTP** screen on the printer.) For example, to enter the pathname for **Print settings 1**, enter **"/folder1"**. For **Print settings 2**, enter **"/folder2"**.

Use the same **User Name** and **Password** that you set for FTP authentication in the Remote UI.

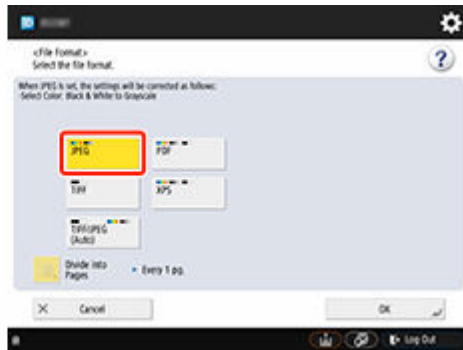
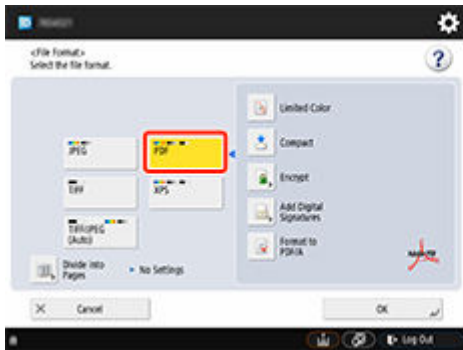
7. Tap **OK**.

8. Tap the setting button for file format.



9. Select File Format.

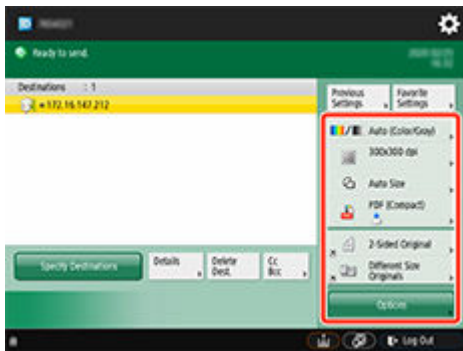
Select **PDF** or **JPEG**.



Note

- If you select **PDF**, remove the check from the **Compact** and **Encrypt** check boxes.


10. Specify the settings as necessary.



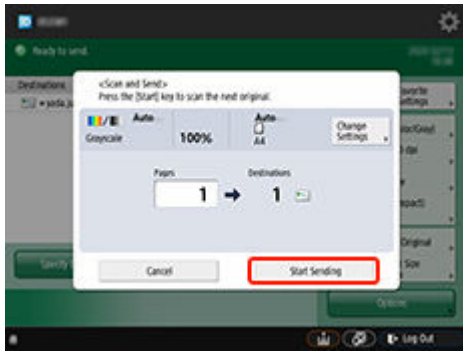
Important

- Select **300x300 dpi** or **600x600 dpi** as the resolution.

11. Press  **(Start).**

If you are placing your originals on the platen glass, press  (Start) to scan each original.

12. When scanning is complete, tap **Start Sending.**



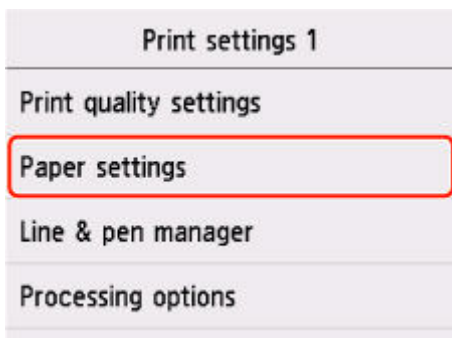
Scanned originals are sent to the printer and printing starts.

➤➤ Note

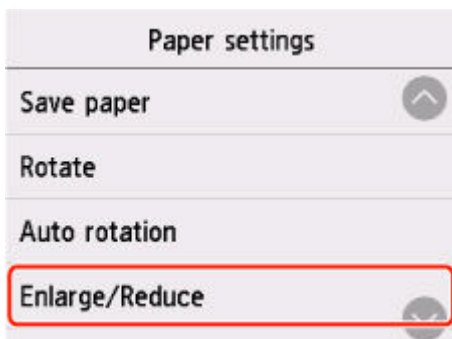
- It is recommended to register the setting contents in **Favorite Settings**.

Fitting to Paper Width

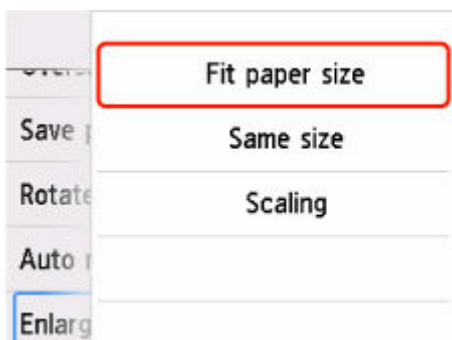
1. Tap **Paper settings**.



2. Tap **Enlarge/Reduce**.



3. Tap **Fit paper size**.



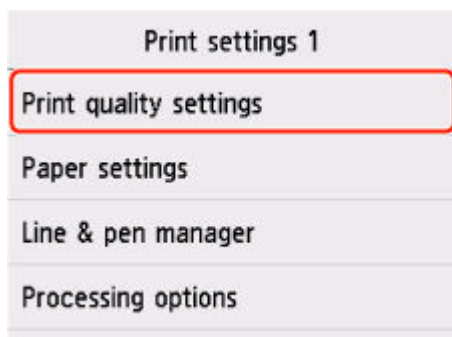
»» Note

- Change the image quality in **Print quality settings** if necessary.
- You can specify the orientation of the image from **Rotate**.

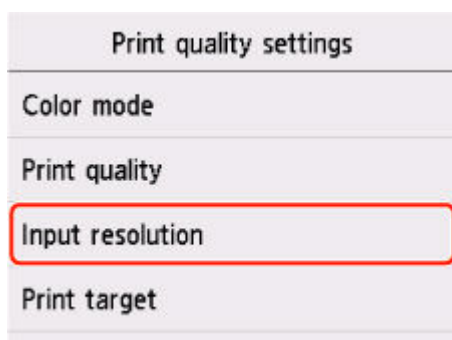
Specifying Magnification Level

Setting Input resolution

1. Tap **Print quality settings**.



2. Tap **Input resolution**.



Select the input resolution that matches your output requirements.

600 dpi

Select when printing at 600 dpi.

300 dpi

Select when printing at 300 dpi.

Specify print job

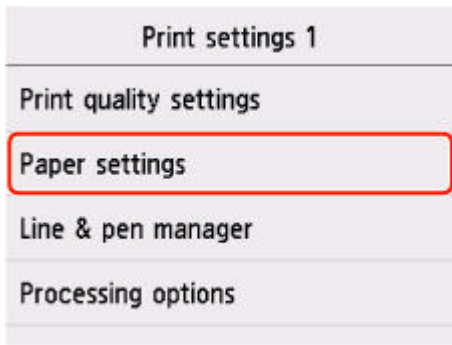
Select to match the input resolution of the printer with the scanning resolution when scanning the original in JPEG format.

»» Important

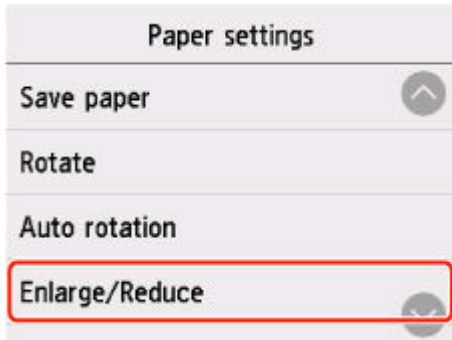
- When scanning the original in JPEG format with imageRUNNER ADVANCE, match the scanning resolution with the input resolution of the printer. If the resolution is different, it will not be printed at the specified magnification level.

Setting scale percentage

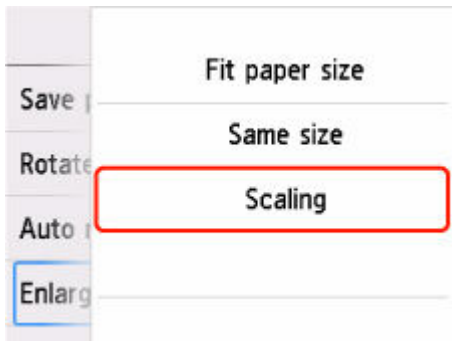
1. Tap **Paper settings**.



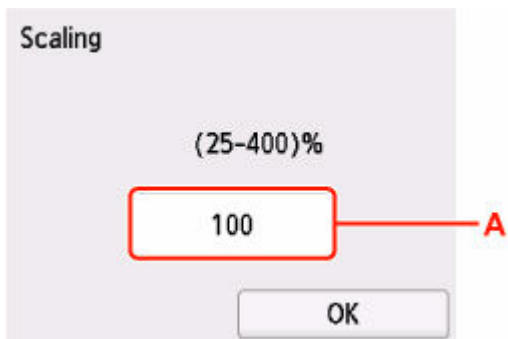
2. Tap **Enlarge/Reduce**.



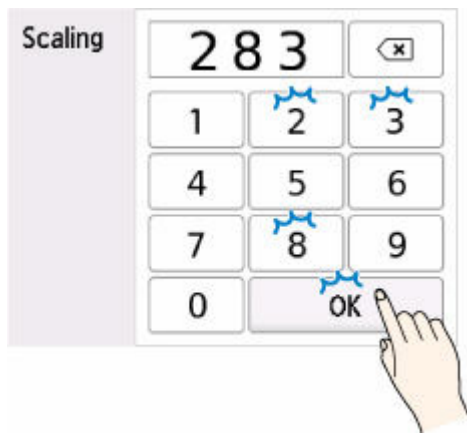
3. Tap **Scaling**.



4. Tap **A** on the displayed screen.

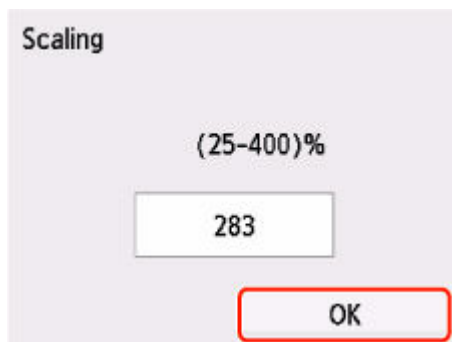


5. Enter the scale percentage, and then tap **OK**.



For commonly used magnification conversions, refer to [Reference for Magnification](#).

6. Select **OK** on the displayed screen.



▶▶▶ Note

- Change the image quality in **Print quality settings** if necessary.
- You can specify the orientation of the image from **Rotate**.

Reference for Magnification

- ISO A format

		Original size	
		A4	A3
Output size	A4	100%	71%
	A3	141%	100%
	A2	200%	141%
	A1	283%	200%
	A0	400%	283%

- ANSI format

	Original size

		Letter 8.5" x 11"	Legal 8.5" x 14"	Ledger 11" x 17"
Output size	C	200%	157%	129%
	D	258%	242%	200%
	E	400%	314%	258%

- ARCH format

		Original size	
		A	B
Output size	A	100%	66%
	B	133%	100%
	C	200%	133%
	D	266%	200%
	E	400%	266%
	E1	333%	233%

Printing with Fluorescent Ink

Create items such as posters in bright and vivid color tones using fluorescent ink.



Using Vivid Color Tones

There are two ways to make your item vivid.

Printing the Entire Item Vividly (Vivid mode)

Make all warm colors bright and vivid.

This is recommended when a photo or illustration contains multiple warm colors such as pink and orange.



Printing Colors of Specific Areas Vividly (Spot mode)

Make specific colors bright and vivid using pink or orange fluorescent ink.

This is recommended when you want to enhance text or shapes.



Creating Vivid Items

In Windows, you can use PosterArtist, an application for creating professional-looking posters even without professional knowledge or technique; simply select a design from a variety of templates and then insert and edit text, photos, clipart, and other materials.

Use PosterArtist to quickly create a bright and vivid item by selecting a template and specifying colors for text and shapes. There is also a function for previewing only the area that will be vivid. For details, see [Creating Vivid Posters Using Fluorescent Colors](#).

►► Note

- Even for items you created in your application, you can use PosterArtist to make them vivid by specifying pink or orange fluorescent ink for specific portions. For details, see [Link with PosterArtist to print with bright colors](#).
- You can also open the printer driver from your application and specify the setting for making color tones vivid in the print settings screen. For details, see [Printing By Setting Print Purpose](#) or [Specify Fluorescent Colors and Print](#).
- If using macOS, create an item in your application, and then see [Printing with Easy Setup](#) or [Specify Fluorescent Colors and Print](#) and print.

Printer Driver

- [Windows Printer Driver](#)
- [macOS Printer Driver](#)

Windows Printer Driver

- **Overview of the Printer Driver**
- **Printer Driver Description**
- **Updating the Printer Driver**

Overview of the Printer Driver

- **Canon IJ Printer Driver**
- **Changing the Print Options**
- **Canon imagePROGRAF Preview**
- **How to Open the Printer Driver Setup Window**
- **Updating Media Information in Printer Driver**
- **Setting Accounting Information**
- **Set a PIN Code for Print Jobs**
- **Deleting the Undesired Print Job**
- **Canon IJ Status Monitor**
- **Instructions for Use (Printer Driver)**

Canon IJ Printer Driver

The Canon IJ printer driver (called printer driver below) is a software that is installed on your computer for printing data with this printer.

The printer driver converts the print data created by your application software into data that your printer can understand, and sends the converted data to the printer.

Because different models support different print data formats, you need a printer driver for the specific model you are using.

Installing the Printer Driver

To install the printer driver, install the driver from the Setup CD-ROM or our website.

Specifying the Printer Driver

To specify the printer driver, open the **Print** dialog box of the application software you are using, and select "XXX" (where "XXX" is your model name).

Displaying the Manual from the Printer Driver

To display a description of a tab in the printer driver setup window, click the **Help** button found on the tab.

Related Topic

➔ [How to Open the Printer Driver Setup Window](#)

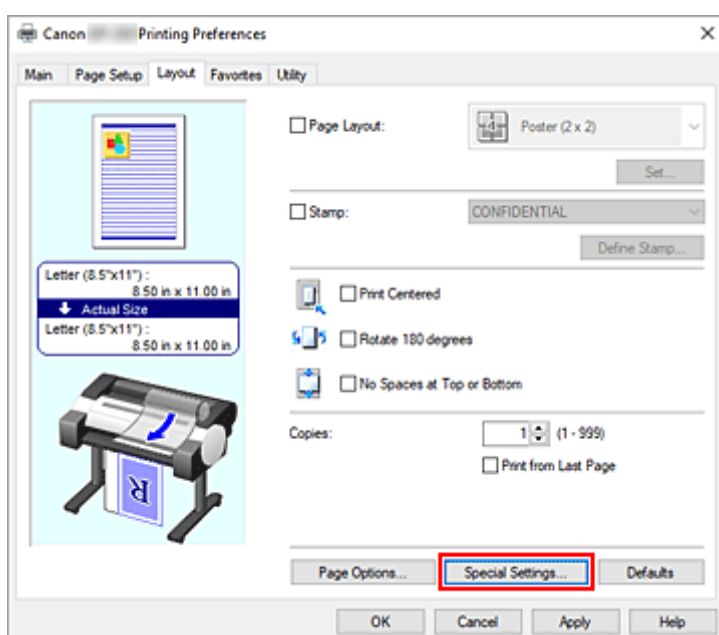
Changing the Print Options

You can change the detailed printer driver settings for print data that is sent from an application software.

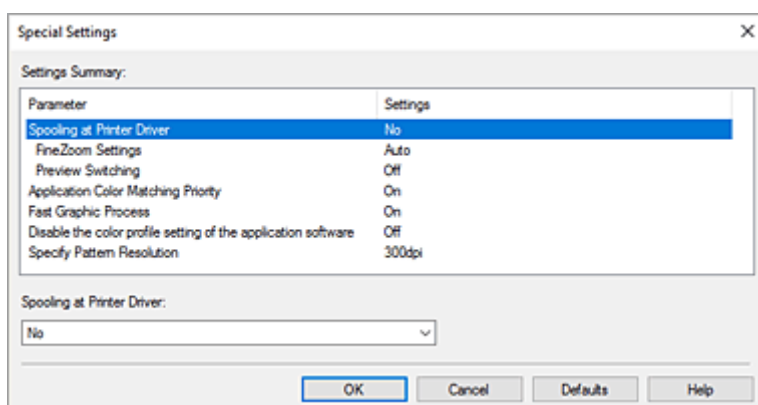
Check this check box if part of the image data is cut off, the paper source during printing differs from the driver settings, or printing fails.

The procedure for changing the print options is as follows:

1. Open the [printer driver setup window](#)
2. Click **Special Settings...** on the **Layout** tab



The **Special Settings** dialog box opens.



3. Change the individual settings

If necessary, change the setting of each item, and then click **OK**.

The **Layout** tab is displayed again.

Canon imagePROGRAF Preview

The Canon imagePROGRAF Preview is an application software that displays what the print result will look like before a document is actually printed.

The preview reflects the information that is set within the printer driver and allows you to check the document layout, print order, and number of pages. You can also change the media type and paper source settings.

When you want to display a preview before printing, open the [printer driver setup window](#), click the **Main** tab, and check the **Preview before printing** check box.

When you do not want to display a preview before printing, uncheck the check box.

Related Topic

➔ [Displaying the Print Results before Printing](#)

How to Open the Printer Driver Setup Window

You can display the printer driver setup window from the application software in use or from the printer icon.

Open the Printer Driver Setup Window through the Application Software

Follow the procedure below to configure printing profile when printing.

1. Select the command that you perform printing on the application software

In general, select **Print** on the **File** menu to open the **Print** dialog box.

2. Select your model name and click **Preferences** (or **Properties**)

The printer driver setup window appears.

▶▶▶ Note

- Depending on application software you use, command names or menu names may vary and there may be more steps. For details, refer to the user's manual of your application software.

Opening the Printer Driver Setup Window from the Printer Icon

Follow the procedure below to perform printer maintenance operations such as print head cleaning, or to configure a printing profile that is common to all application software.

1. Display the **Devices and Printers** window

Select the **Control Panel** -> **Hardware and Sound (Hardware)** -> **Devices and Printers**.

2. Right-click your model name icon, and then select **Printing preferences** from the displayed menu

The printer driver setup window appears.

▶▶▶ Important

- Opening the printer driver setup window through **Printer properties** displays such tabs regarding the Windows functions as the **Ports** (or **Advanced**) tab. Those tabs do not appear when opening through **Printing preferences** or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.

Updating Media Information in Printer Driver

This function gets the latest media information from the printer and updates the media information in the printer driver.

When the media information is updated, the media displayed for **Media Type** on the **Main** tab is updated to the latest information.

The procedure for updating media information is described below.

1. Display the **Devices and Printers** window

Select the **Control Panel -> Hardware and Sound (Hardware) -> Devices and Printers**.

The **Devices and Printers** window is displayed.

2. Display setup window

Right-click the "Your model name" icon, and select **Printer properties**.

The printer's **Properties** window appears.

3. Update media information

Click **Update Media Information** the **Device Settings** tab.

When a confirmation message appears, click **Start**.

If the paper information on the driver cannot be updated, click **Initial Check Items** and check the displayed information.

The printer driver media information will update.

▶▶▶ Important

- It may take some time to update the media information.

4. Finish updating media information

When a confirmation message appears, click **OK**.

The media information will be updated.

▶▶▶ Important

- Restart the printer driver after updating media information.
- Do not change media information on the printer while you are updating media information on the driver.

▶▶▶ Important

- Ensure that a user with administrative privileges carries out the media information update. Users other than administrators can check if a media information update is required, but cannot carry out the update itself.
- When you have added, deleted, or edited media using administrative tools (the Media Configuration Tool) but have not updated the media information, issues may arise such as the inability to print.

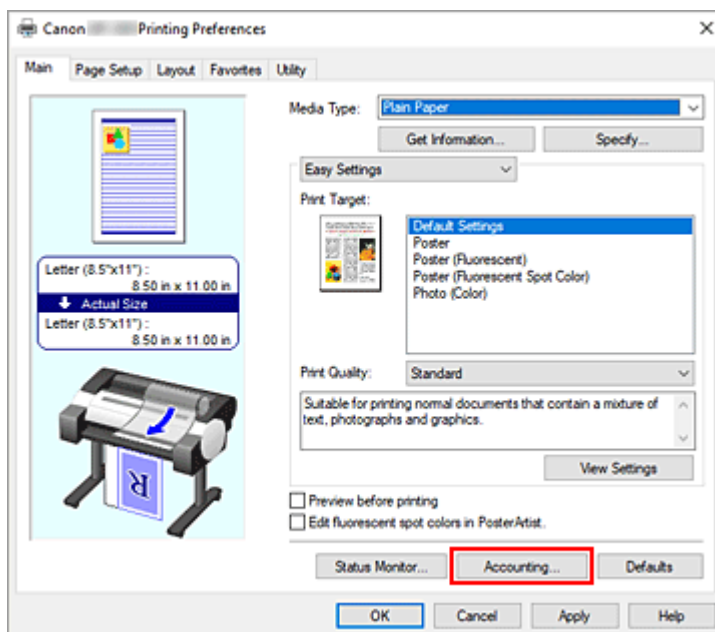
Setting Accounting Information

By setting accounting information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

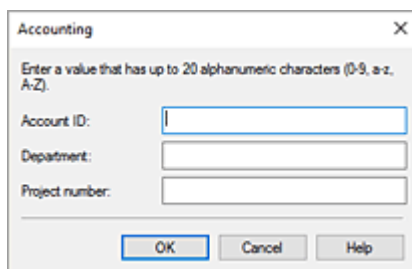
The procedure for setting accounting information is described below.

Setting Accounting Information

1. Open the [printer driver setup window](#)
2. Click **Accounting...** on the **Main** tab



The **Accounting** dialog box opens.



3. If necessary, complete the following settings:

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

Fix Accounting

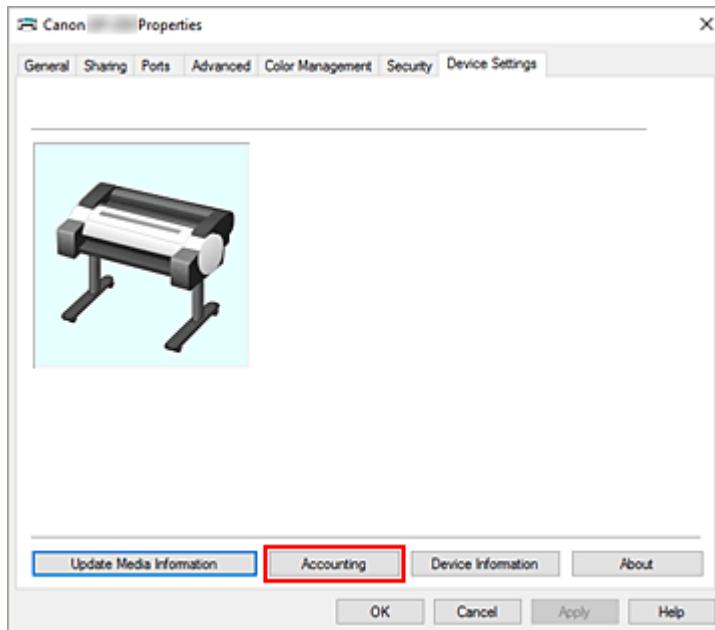
1. Display the **Devices and Printers** window

Select the **Control Panel -> Hardware and Sound (Hardware) -> Devices and Printers**.
The **Devices and Printers** window is displayed.

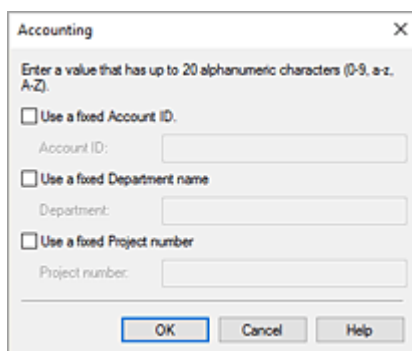
2. Display setup window

Right-click the "Your model name" icon, and select **Printer properties**.
The printer's properties window appears.

3. Click **Accounting** on the **Device Settings** tab



The **Accounting** dialog box opens.



4. If necessary, complete the following settings:

Use a fixed Account ID./Use a fixed Department name./Use a fixed Project number.

Prohibits changes to account ID, department, and project number that have already been set.

Check this check box to prevent other users from changing IDs.

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

If you've added checkmarks to **Use a fixed Account ID.**, **Use a fixed Department name.**, or **Use a fixed Project number.**, you'll be able to configure each setting.

After completing the setting, click **OK** to return to the **Device Settings** tab.

5. Apply the settings

Click **OK** or **Apply**.

The settings are enabled hereafter.

»» Important

- If you fix the Accounting value in the **Device Settings** tab, the setting items in the **Accounting** dialog box in the **Main** tab will be grayed out and disabled.

Set a PIN Code for Print Jobs

If you set a PIN code to your print jobs, the print jobs remain in standby status until the PIN code is entered on the printer operation panel.

As the material is printed immediately after entering the PIN code, issues such as retrieving the wrong documents and allowing others to peek at your documents can be prevented.

The procedure for setting a PIN code to your print jobs is explained here.

1. Open the [printer driver setup window](#)

2. Set the output method

Click **Output Method...** in the **Page Setup** tab.

3. Set the PIN code

Place a checkmark next to **Set PIN for printing**, and enter a one to seven-digit number in **PIN**.

The screenshot shows the 'Output Method' dialog box. The 'Output Method' section has 'Print' selected. The 'Set PIN for printing' checkbox is checked and highlighted with a red box. The PIN field contains seven asterisks. The 'Print after reception is complete' checkbox is unchecked. The 'Name of data to be saved' section has 'Use file name' selected. The 'Job Box' section shows a list of job box numbers from 01 to 06. The 'Acquire Job Box Name' button is visible below the list. The 'OK' button is highlighted with a blue box.

4. Complete the setup

Click **OK**.

When you print, the print job is set to standby status on the printer unit.

If you enter the PIN code you set on the printer operation panel, the print job will be printed.

▶▶▶ Note

- See "[Printing Security Print Jobs](#)" for instructions on how to operate using the printer operation panel.
- Print jobs with a PIN code set are not saved on the printer hard disk.

Deleting the Undesired Print Job

If the printer does not start printing, canceled or failed print job data may be remaining. Delete the undesired print job by using the Canon IJ Status Monitor.

1. Open the [printer driver setup window](#)

2. Display the Canon IJ Status Monitor

Click **Status Monitor...** on the **Main** tab.

The Canon IJ Status Monitor appears.

3. Display the print jobs

Click **Display Send Queue**.

The print queue window opens.

4. Delete the print jobs

Select the print jobs you want to delete, and select **Cancel** from the **Document** menu.

When the confirmation message appears, click **Yes**.

The deletion of the print job is complete.

Important

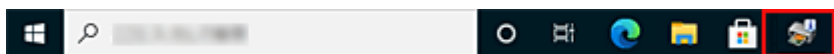
- Users who have not been granted access permission for printer management cannot delete the print job of another user.

Canon IJ Status Monitor

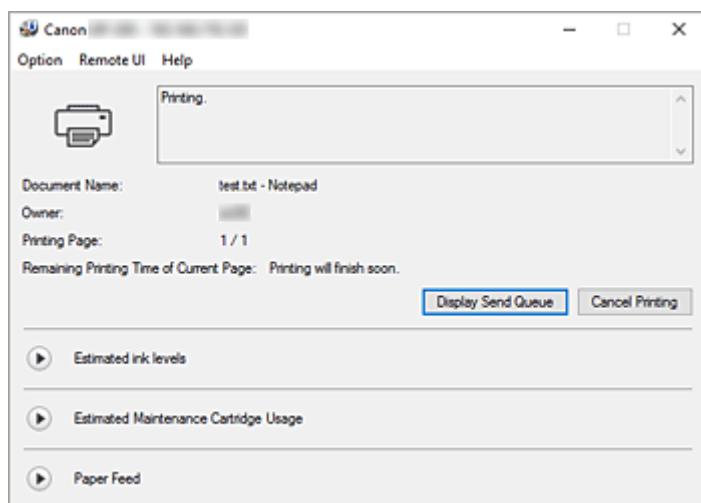
The Canon IJ Status Monitor is an application software that shows the status of the printer and the progress of printing. You will know the status of the printer with graphics, icons, and messages.

Launching the Canon IJ Status Monitor

The Canon IJ Status Monitor launches automatically when print data is sent to the printer. When launched, the Canon IJ Status Monitor appears as a button on the task bar.



Click the button of the status monitor displayed on the task bar. The Canon IJ Status Monitor appears.

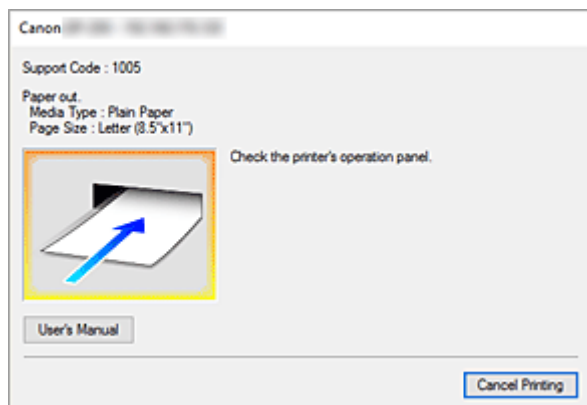


Note

- To open the Canon IJ Status Monitor when the printer is not printing, open the [printer driver setup window](#) and click **Status Monitor...** on the **Main** tab.
- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

When Errors Occur

If an error occurs (e.g., if the printer runs out of paper or if the ink is low), the Canon IJ Status Monitor displays an error information dialog box.



In such cases, take the appropriate action as described.

Checking the Ink Status from Your Computer

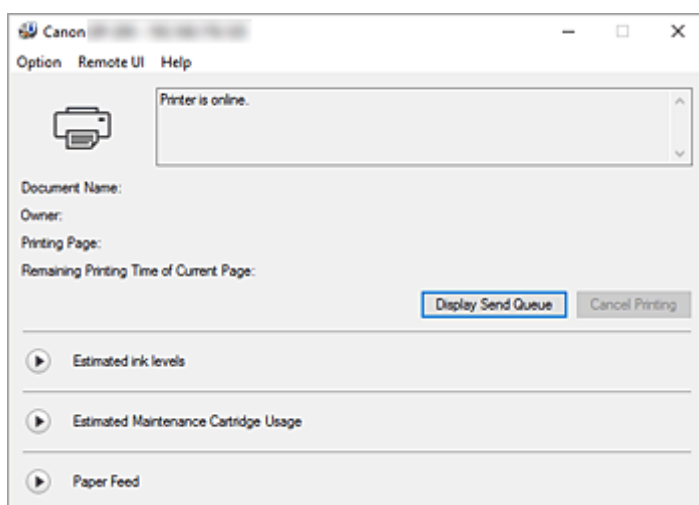
You can check the remaining ink level and the ink tank types for your model.

1. Open the [printer driver setup window](#)
2. Launching the Canon IJ Status Monitor

On the **Main** tab, click **Status Monitor....**
The Canon IJ Status Monitor opens.

3. Display **Estimated ink levels**

Ink status is displayed as an illustration.



▶▶▶ Note

- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

Instructions for Use (Printer Driver)

This printer driver is subject to the following restrictions. Keep the following points in mind when using the printer driver.

Restrictions on the Printer Driver

- Before installing, log on to Windows as user with administrator rights.
- Always check the following before installing the software.
 1. Quit the application software while it is running.
 2. If you are printing a document, abort printing or wait for it to finish.
 3. Close all the printer driver's dialog boxes.
- If you can set the number of copies with the application software, set them either with the printer driver or the application software.
- If you can configure enlarging/reducing settings with the application software, set the normal size (100%) in the printer driver, and then configure the magnification factor with the application software.
- Depending on the application software used, it may be possible to print collated copies; however, please do not use this feature when configuring layout printing with the **Page Layout** option in the **Layout** tab.

This may cause incorrect layout.
- When printing enlarged/reduced documents, printed results may come out different due to a discrepancy between the image data resolution and the enlarging/reducing ratio.
- When printing reduced color images, 1-dot wide lines or points may disappear from the color images.
- Depending on the application software, lines drawn at almost horizontal angles may not print correctly.

If that should happen, re-draw the line horizontally and print one more time.
- Immediately after installing (or updating) the printer driver, you might not be able to visualize new features in some of the application software.

In all application software provided with printing features, choose Print from the File menu and, after selecting the printer you are using, click the Properties.
After the Properties dialog box has opened, immediately close it by clicking OK.
- If you update the model name of your printer through the **General** tab in the printer's Properties, the **Favorites** settings registered in the printer driver will be disabled.

In such cases, save the Favorites settings as a file before changing the name of the printer and reload the saved file after you have updated the printer's name.
- Printing at high resolution requires a large amount of memory on your computer.

When your computer is low on memory or you are using a large number of application software, the application software may not work correctly.
In such cases, re-start Windows and, before resuming printing, close all the applications you are not using. Also, when the printer is not printing correctly, switch the **Print Quality** setting in the **Main** tab to a lower resolution.
- When using a local connection, if you do not see a check mark next to the **Enable bidirectional support** option in the **Ports** tab in the printer's Properties, it will not be possible to acquire printer and device information correctly.
- If you are using your printer with a USB connection, refrain from using standby mode. You can set standby mode through the **Power Options** on the **Control Panel**.

- In case of a large amount of print data, the printer may time-out during printing and you may no longer be able to print.
In such cases, in the **Advanced** tab in the printer's Properties, choose **Spool print documents so program finishes printing faster** and place a check mark next to **Start printing after last page is spooled**.
- Fine lines and gradients may not print correctly.
In such cases, choose Print from the File menu of the application, and after opening from there the property dialog box of the printer driver, follow the procedure below and then run printing.
 1. In the **Main** tab, uncheck **Preview before printing**.
 2. In the **Layout** tab, uncheck **Page Layout**.
 3. If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings....**
Turn off **Fast Graphic Process**.
- In case of a large amount of print data, the printer may time-out during printing and you may no longer be able to print.
In such cases, you may be able to print by increasing the time set in Job timeout in the printer's operation panel.
- Depending on the application used, if you print using features like enlarging/reducing, layout printing, page borders and so on, some of the data in the resulting printed document, for example graphics, may differ from the source document.
- If you print very large images from your computer when it's running low on memory, you may not be able to print correctly; for example, it may take a very long time to print or parts of the image may end up missing.
In such cases, try printing after following the procedure indicated below.
 - If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings....**
Turn off **Fast Graphic Process**.
 - Increase your computer memory.
 - Increase the virtual memory of your operating system.
- To print to cut sheets by lining up multiple documents, you must use the Free Layout function. Go to the Canon website, download imagePROGRAF Printer Driver Extra Kit, and then install it.
- Do not change the **Print Processor...** settings in the **Advanced** tab in the printer Properties.
If you change them, you will not be able to use some of the features correctly, such as the **Page Layout** feature in the **Layout** tab.
- In the cases described below, you will not be able to use the **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab as well as the Canon imagePROGRAF Preview feature.
 - When right-clicking on the printer icon and choosing from **See what's printing: Printer -> Pause Printing**, or when right-clicking on the printer icon and choosing **Pause Printing**
 - When right-clicking on the printer icon and choosing from **See what's printing: Printer -> Use Printer Offline**, or when right-clicking on the printer icon and choosing **Use Printer Offline**
 - When printing during hours other than those set in **Available from** and **To** in the **Advanced** tab in the printer's Properties
 - When printing with the **Enable advanced printing features** turned off in the **Advanced** tab in the printer's Properties
 - When printing with **Print directly to the printer** enabled in the **Advanced** tab in printer's Properties

- When printing after the printing port in the **Ports** tab in the printer's Properties has changed to **FILE:**
- When printing after choosing **Output to file** in the **Print** dialog box in the application software
- If you perform a point-and-print installation, you will not be able to use the **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab.
- If you print after setting **Free Layout** and **Edit Using PosterArtist**, refrain from printing from other drivers.
- If you combine specific **Print Quality** with large paper sizes, you may not be able to correctly print stamps and borders.
- In the Canon imagePROGRAF Preview, characters and fine lines visualized in the View screen may look differ from printed results. In such cases, try choosing the **Layout** tab, opening the **Special Settings** dialog and turning on **Preview Switching**.
-

Points to Note About Applications with Restrictions

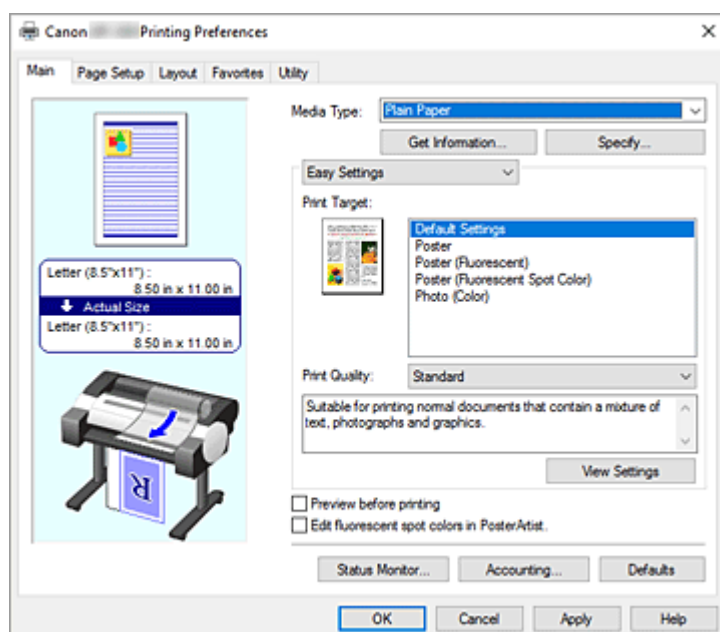
- If, in Microsoft Excel, you place a checkmark next to the Collate and then you print more than one copy, or if you do **Entire workbook** after configuring different settings in each tab, you may not be able to perform layout printing nor to get the intended printing results.
- If you try to print data on a very large-size paper through applications like Adobe Illustrator, you may not be able to print.
In such cases, try printing after following the procedure indicated below.
 - Open the **Main** tab and uncheck **Preview before printing**.
 - If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings....**
Turn off **Fast Graphic Process**.
 - Increase the virtual memory of your operating system.
 - If you are using Adobe Illustrator, turn off/on **Bitmap printing** in the Print dialog box.
- In the cases described below, you will not be able to use the **Free Layout** and the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab.
 - When printing from application software which do not allow EMF spooling.
- When printing from Adobe Photoshop, tone jumps may occur in the gradation of black and white photographs.
- When printing data created with Microsoft Word using **Enlarged/Reduced Printing** or **Borderless Printing**, you may not be able to print correctly.
In such cases, try printing after following the procedure indicated below.
 - Open the printer folder from the start menu, right click on the printer icon and select **Printing preferences**. Launch the application after setting, in the **Page Setup** tab, **Page Size**, **Enlarged/Reduced Printing** and **Borderless Printing**.
 - Open Microsoft Word's **Page setup** dialog box and close it by clicking **OK**.
 - After configuring the printer driver, close momentarily the **Print** dialog box without printing. Then, open the printer driver's set up screen once again, close it by clicking **OK**, and run printing.

Printer Driver Description

- **Main Tab Description**
- **Page Setup Tab Description**
- **Layout Tab Description**
- **Favorites Tab Description**
- **Utility Tab Description**
- **Device Settings Tab Description**
- **Canon IJ Status Monitor Description**

Main Tab Description

The **Main** tab allows you to create a basic print setup in accordance with the media type. Unless special printing is required, normal printing can be performed just by setting the items on this tab.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

Media Type

Selects a type of printing paper.

Select a media type that matches the paper that is loaded in the printer. This ensures that printing is carried out properly for the specified paper.

Get Information...

Opens the **Paper Information on Printer** dialog box.

You can check the settings on the printer and apply the checked settings to the printer driver.

Specify...

Open the [Paper Detailed Settings dialog box](#), and specify detailed print settings that match the media type loaded in the printer.

Pull-down menu

Switches the **Easy Settings** and **Advanced Settings**.

Easy Settings

This mode allows you to print by using pre-registered print settings.

Print Target

Print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print by using settings that match the document.

Default Settings

Select this when printing general documents such as business documents.

Poster

Select this when printing posters.

Poster (Fluorescent)

Select this when you want to make the entire poster more vibrant.

Poster (Fluorescent Spot Color)

Select this when you want to specify areas of the poster to make more vibrant.

Photo (Color)

Select this when printing color illustrations or photos.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

»»» Important

- Depending on the **Media Type** settings, the same print results may be produced even if the **Print Quality** is changed.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality. Resolution settings depend on media type.

Fast

Gives priority to printing speed over print quality.

Custom

Opens the [Custom dialog box](#).

Select this when you want to set the printing quality level individually.

View Settings

Opens the [View Settings dialog box](#).

Advanced Settings

This mode allows you to print by specifying detailed settings that match your purpose.

Print Priority

Select elements to prioritize for print results.

Poster/Photo

Prioritize the print results of the poster or photo without using fluorescent ink.

Poster/Photo (Fluorescent)

Use fluorescent ink to make posters or photos more vibrant.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

»»» Important

- Depending on the **Media Type** settings, the same print results may be produced even if the **Print Quality** is changed.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality. Resolution settings depend on media type.

Fast

Gives priority to printing speed over print quality.

Custom

Opens the [Custom dialog box](#).

Select this when you want to set the printing quality level individually.

Color Mode

Select the color to print.

Color

Prints with the number of colors in the document.

Monochrome

Print in grayscale.

Color Settings

Opens the [Color Settings dialog box](#).

You can adjust individual color settings such as **Cyan, Magenta, Yellow, Brightness,** and **Contrast** on the **Color Adjustment** tab, and select the **Color Correction** method on the **Matching** tab.

Fluorescent Spot Color

Specify an area and print posters with bright colors.

To use fluorescent spot colors, add a checkmark.

Settings...

Opens the [Set dialog box](#).

Select the fluorescent spot color you want to use from the palette.

Thicken Fine Lines

To make thin lines thicker and easier to see when printing, add a checkmark.

Preview before printing

You can start up the Canon imagePROGRAF Preview, and check what the printing results will be before executing the print.

Check this check box to display a preview before printing.

Edit fluorescent spot colors in PosterArtist

Start PosterArtist to edit fluorescent spot colors and check print results using the preview function.

To edit fluorescent spot colors in PosterArtist, add a checkmark.

Status Monitor...

Displays the status monitor.

Accounting...

Opens the [Accounting dialog box](#).

By setting **Accounting** information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

▶▶▶ Note

- To set accounting information, see "[Setting Accounting Information](#)."

Defaults

Restores all the settings you have changed to their default values.

Clicking this button restores all the settings on the current screen to their default values (factory settings).

Paper Detailed Settings dialog box

Drying Time

Wait time can be set to allow ink to dry. **Between Pages** settings are only enabled for roll paper.

Between Pages

The wait time until outputting paper can be set after printing one page. Time is taken before cutting roll paper to allow the ink to dry, so even when **Automatic Cutting** in the **Roll Paper Options** dialog box of the **Page Setup** tab is set to **Yes**, page may be dropped into the basket with dried ink.

Printer Default

Settings in printer unit operation panel are applied.

None

Page will be output immediately after printing

30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / 60 min.

Page will be output after set amount of time has passed after printing.

Between Scans

The wait time until printing next scan can be set after printing one scan in page. Set in the event smudging occurs in the page, unevenness occurs in borderless printing, etc., and you would like to avoid this smudging and unevenness.

Printer Default

Settings in printer unit operation panel are applied.

None

Next scan will be print immediately after first scan is print.

0.5 sec. / 1sec. / 3sec. / 5sec. / 7sec. / 9sec.

Next scan will be print after the set amount of time has passed after printing one scan.

* If smudges and/or unevenness occur, please increase time.

Roll Paper Safety Margin

In order for heavily curling paper to absorb well in platen, length of margin established on edge of paper can be selected.

Near End Margin

Roll **Near End Margin** length can be set.

Printer Default

Settings in printer unit operation panel are applied.

3mm

Will be print in standard size.

* Please select when there are no particular problems with printing.

20mm

Please select when rubbing of the print heads occurs, such as when heavily curling paper is being used.

Cut Speed

Select auto-cut speed. This can be adjusted when paper cannot be cut precisely with auto-cut.

Printer Default

Settings in printer unit operation panel are applied.

Fast

Select when cut is not smooth with **Standard** settings.

Standard

Select when there are no particular problems with auto-cut.

Slow

If this is selected for paper with adhesive, the cutter will not stick to the adhesive easily and it will slow deterioration of the cutter's capabilities.

Unidirectional Printing

Controls color unevenness and unaligned ruled lines.

Please check when printing in one direction.

Mirror

Select whether to print reflected image or not. When you select this check box, text and images will be printed as if reflected in a mirror.

Custom dialog box

Set the quality level, and select the desired print quality.

Quality

You can use the slider bar to adjust the print quality level.

▶▶▶ Important

- Certain print quality levels cannot be selected depending on the settings of **Media Type**.

▶▶▶ Note

- The **High**, **Standard**, or **Fast** print quality modes are linked with the slider bar. Therefore when the slider bar is moved, the corresponding quality and value are displayed on the left. This is the same as when the corresponding quality is selected for **Print Quality** on the **Main** tab.

View Settings dialog box

Print Target

Select the print purpose. The settings of the selected print purpose are displayed in **Details**.

Name

Displays the name of the selected print purpose.

Details

Displays the settings of the print purpose that was selected for **Print Target**.

Color Settings dialog box

Color Adjustment Tab

This tab allows you to adjust the color balance by changing the settings of the **Cyan, Magenta, Yellow, Brightness,** and **Contrast** options.

Preview

Shows the effect of color adjustment.

The color and brightness change when each item is adjusted.

View Color Pattern

Displays a pattern for checking color changes produced by color adjustment.

If you want to display the preview image with a color pattern, check this check box.

Cyan / Magenta / Yellow

Adjusts the strengths of **Cyan, Magenta,** and **Yellow.**

Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document. Use your application if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

►► Important

- When **Monochrome** is selected for **Color Mode**, the color balance (**Cyan, Magenta,** and **Yellow**) can't be set.

Brightness

Adjusts the brightness of your print. You cannot change the levels of pure white and black.

However, the brightness of the colors between white and black can be changed. Colors become brighter as you drag the slider toward the right and darker as you drag the slider toward the left.

You can also directly enter brightness values that are linked to the slider bar. Enter a value in the range from -50 to 50.

Contrast

Adjusts the contrast between light and dark in the image to be printed.

Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Set dialog box

Select the fluorescent spot color you want to use from the palette.

For details, see "[Specify Fluorescent Colors and Print.](#)"

Matching Tab

This is displayed when **Color** is selected for **Color Mode.**

Allows you to select the method for adjusting colors to match the type of document to be printed.

Color Correction

Allows you to select **Driver Matching**, **ICC Profile Matching**, **ICM**, or **Off** to match the purpose of the print operation.

Driver Matching

Print with the optimal color using the driver's original color profile. Normally, you should choose this mode.

ICC Profile Matching

Carry out color matching using the ICC profile. Specify the input profile, printer profile and matching method in detail, and select when printing. You can use the digital camera or scanner ICC profile, or the ICC profile created using the profile creation tool.

ICM

Perform color matching on the host computer using the Windows ICM function. Select when printing from an ICM function-compatible application.

Off

Print without performing color matching on the printer driver. Select this when performing color matching using applications such as Adobe Photoshop, or printing using a profile creation tool or color chart.

»» Important

- When setting not to use ICM in the application software, **ICC Profile Matching** and **ICM of Color Correction** do not function. There are also times when it does not print correctly.

Input Profile

Specifies the input profile to be used when you select **ICC Profile Matching** for **Color Correction**.

Printer Profile

Specifies the printer profile to be used when **ICC Profile Matching** is selected for **Color Correction**. Normally **Auto** is selected but you can also select a printer profile manually.

Rendering Intent

Specifies the matching method to be used when you select **Driver Matching**, **ICC Profile Matching**, or **ICM**, for **Color Correction**.

Perceptual (Photo) / Perceptual

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

Saturation (Poster) / Saturation

Reproduces vivid colors on data such as a poster.

Relative Colorimetric

When image data is converted to the color space of the printer, this method converts the image data so the color reproduction approximates the shared color regions. Select this method to print image data with colors that are close to the original colors.

The white spots are reproduced as white spots (background color) on the paper.

Absolute Colorimetric

This method uses the white spot definitions in the input and output ICC profiles to convert the image data.

Although the color and color balance of the white spots change, you may not be able to get the desired output results because of the profile combination.

»» Important

- Depending on the media type, you may obtain the same print results even when you change the **Rendering Intent** setting.
- If **Driver Matching** is selected for **Color Correction**, then **Relative Colorimetric** and **Absolute Colorimetric** are not displayed.

Accounting dialog box

Click **Accounting...** to display the **Accounting** dialog box.

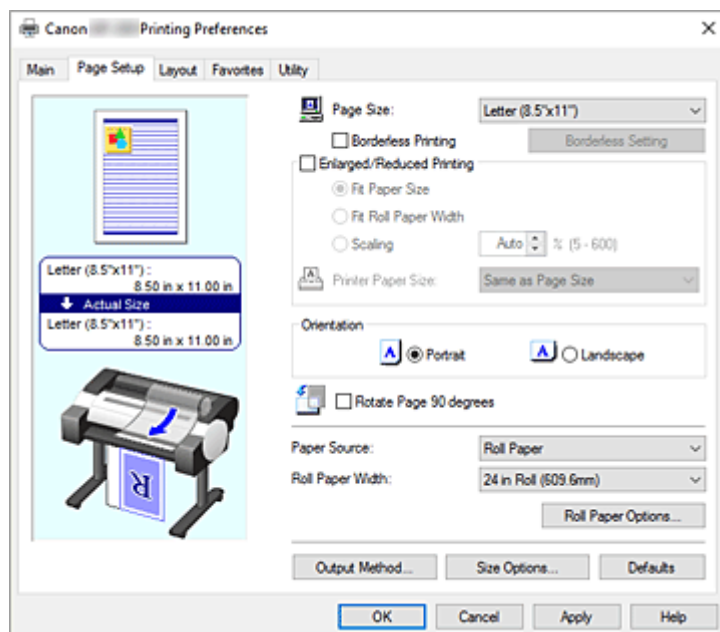
The **Accounting** dialog box allows you to add IDs to print jobs. You can then use the IDs, along with the printer and cost management tool, to tabulate print history information.

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

Page Setup Tab Description

The **Page Setup** tab allows you to set borderless printing for a document and specify the scaling.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

Page Size

Selects a page size.

Ensure that you select the same page size as you selected within the application.

When you select **Custom Size** from **Custom Paper Size**, the [Custom Size Settings dialog box](#) appears, and you can specify any vertical and horizontal dimensions for the paper.

Borderless Printing

Chooses whether you are printing on a full page without any page margins or printing with page margins.

In borderless printing, originals are enlarged to extend slightly off the paper. Thus, printing can be performed without any margins (border).

»»» Important

- When **Cut Sheet** is selected for **Paper Source**, **Borderless Printing** is grayed out and cannot be set.

Borderless Setting

Select **Borderless Printing** to enable it for clicking.

Open the [Borderless Setting dialog box](#), so that you can adjust **Amount of Extension**.

Borderless Printing Method

This appears when you select **Borderless Printing**.

Set the borderless printing method.

Fit Paper Size

Enlarge or reduce the document to match the size of the paper to be printed, and then print the document.

Scale to fit Roll Paper Width

You can enlarge or reduce the document to match the roll paper width and then print the document.

When you select this radio button, the **Information** dialog box appears, and you can select **Roll Paper Width**.

Print Image with Actual Size

Prints the document at its actual size.

Printer Paper Size

When you select **Fit Paper Size**, you can specify the setting.

Select the size of the paper to be printed.

The list displays the paper sizes that support borderless printing.

Enlarged/Reduced Printing

You can enlarge or reduce a document and then print it.

When you select **Enlarged/Reduced Printing**, you can then set **Fit Paper Size**, **Fit Roll Paper Width**, or **Scaling**.

Fit Paper Size

Enlarge/reduce the document to match the size of the paper to be printed, and then print the document.

Fit Roll Paper Width

You can enlarge/reduce the document to match the roll paper width and then print the document.

When you select this radio button, the **Information** dialog box appears, and you can select **Roll Paper Width**.

Scaling

Enlarge or reduce the document to a specified scale before printing.

Printer Paper Size

When you select **Fit Paper Size**, or **Scaling**, you can specify the setting.

Select the size of the paper to be printed.

Orientation

Selects the printing orientation.

If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

Rotate Page 90 degrees

Rotate the long edge of the document 90 degrees, match it to the width of the roll paper, and then print the document.

When you print a portrait document onto roll paper, you can save paper by rotating the document 90 degrees and print the document horizontally relative to the paper.

Paper Source

Shows the source from which paper is supplied.

You may be able to switch the paper source with the printer driver.

Roll Paper

Feeds paper using roll paper.

Cut Sheet

Feeds paper using the cut paper.

»» Important

- Depending on the media type and size, the **Paper Source** settings that can be selected may differ.

Roll Paper Width

Select the roll paper width.

Select the width that matches the width of the roll paper loaded in the printer.

If you select **Custom Size (XXXX)**, the paper size set in the printer will be used.

The paper information set in the printer can be confirmed in **Get Information...** in the **Main** sheet.

If you select **User-defined1 (XXXX)** or **User-defined2 (XXXX)**, the [Custom Size Settings dialog](#) box is displayed, where you can specify the paper length and width.

Roll Paper Options...

Displays the [Roll Paper Options dialog box](#).

You can specify auto cut, banner printing, and other settings for printing on roll paper.

Output Method...

Displays the [Output Method dialog box](#).

You can select **Output Method** and specify save settings for saving documents to a box.

Size Options...

Displays the [Paper Size Options dialog box](#).

The **Paper Size Options** dialog box allows you to create and register any user-defined paper.

Custom Size Settings dialog box (Paper Size)

This dialog box allows you to specify the size (width and height) of the custom paper.

Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

Units

Select the unit for entering a user-defined paper size.

Borderless Setting dialog box

Adjust how much of the document extends off the paper during borderless printing, and configure the three-sided borderless setting.

Amount of Extension

Adjusts how much of the document extends off the paper during borderless printing.

Moving the slider to the right increases the amount of extension and allows you to perform borderless printing with no problems.

Moving the slider to the left reduces the amount of extension and expands the range of the document to print.

Three-sided Borderless

If you check this check box, and the width or the length of the output paper size is smaller than the roll width, a margin will be created on the right of the document, and the remaining three sides (top, bottom, and left) will be borderless when printing.

Custom Size Settings dialog box (Roll Paper Width)

Enter the roll width you want to use.

Roll Paper Width

Specify the **Width** of the roll paper. Measurement is shown according to the units specified in **Units**.

Units

Select the unit for entering a user-defined paper size.

Roll Paper Options dialog box

You can specify settings for printing on roll paper.

Automatic Cutting

You can print cut guidelines for cutting the roll paper automatically or manually after printing.

Yes

Cut the roll paper automatically after printing.

No

Do not cut the roll paper automatically after printing.

Print Cut Guideline

Prints cut guidelines for cutting the roll paper manual after printing.

Banner Printing

Select this check box to print documents with several pages as one continuous document. When you do this, the spaces between the pages will be removed.

Output Method dialog box

Set the method for exporting the print job to the printer's hard disk drive.

Output Method

Print

After the printing ends, the print job is not saved to the printer's hard disk drive.

Set PIN for printing

Set a PIN code for print jobs to prevent issues such as retrieving the wrong documents and allowing others to peek at your documents.

PIN

Enter a one to seven-digit number.

Print after reception is complete

When you select this check box, you can prevent the print quality from dropping if the print job reception is cut off or if printing is interrupted.

Save in Job Box

The print job is saved to the printer's hard disk drive. If you selected **Save in Job Box**, select an individual box number as the save destination from the **Job Box** list.

Name of data to be saved

Use file name

The file name is used as-is.

Enter name

You can set a new name. Enter the save name in **Name**.

Job Box

The box list appears. If you selected **Save in Job Box**, select an individual box number as the save destination from the list.

Acquire Job Box Name

When you click this, **Job Box** displays the box name that was obtained from the printer.

Paper Size Options dialog box

You can create and register any user-defined paper. You can then select the defined paper size from **Custom Paper Size of Page Size**.

Paper Size List

The names and sizes of the paper sizes that the printer driver can use are displayed.

Delete

From **Paper Size List**, you can delete a user-defined paper that a user created.

▶▶▶ Note

- Paper deletion is not possible in the following case:
 - When a standard paper size of the printer driver is selected
 - When an oversized paper size is selected
 - When a paper size with a red circle is selected

Custom Paper Size Name

You can specify the name of a user-defined paper.

Units

You can specify the units for the height and width dimensions of the user-defined paper.

Page Size

You can specify the **Width** and **Height** settings of the paper.

Borderless Printing Size

When you select this check box, you can select a size from the paper sizes that support

Borderless Printing.

Fix the Ratio of the Width to Height

When you select this check box, you can change the size while keeping the **Width** and **Height** ratio.

Width

Specify the paper width.

Height

Specify the paper height.

Register with the OS

Register the set user-defined paper in the OS.

By registering in the OS, any user sharing the use of the printer or PC can use the set user -defined paper.

Add

You can register a user-defined paper that was set and overwrite the existing user-defined paper.

Display Series

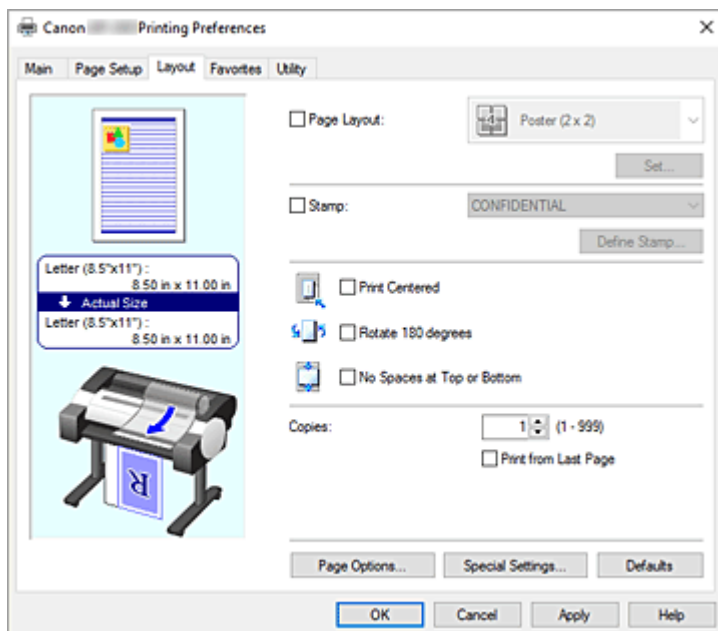
You can narrow down the paper sizes to be displayed in **Paper Size List**.

Oversize

When you select this check box, add appropriate margins so that the document contents will not get cut off, and then print the document.

Layout Tab Description

The **Layout** tab allows you to specify how to arrange the document onto the paper. You can also set the number of copies to be printed and the print sequence. If the application software that you used to create the document features the same functions, specify the settings from the application software.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

Page Layout

Selects the size of the document you want to print and the type of printing.

Poster (1 x 2)/Poster (2 x 2)

Printing is performed with poster settings.

The value in parentheses represents the ratio of the vertical x horizontal lengths. As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster.

Set...

Opens the [Pages to Print dialog box](#).

Specify this setting when you want to print only specific pages.

Free Layout

You can freely position and print any document created with an application software.

You must install imagePROGRAF Printer Driver Extra Kit to use this function. Go to the Canon website, download imagePROGRAF Printer Driver Extra Kit, and then install it.

Set...

Opens the [Free Layout Settings dialog box](#).

You can freely specify detailed settings for free layout.

2 Pages/Sheet / 4 Pages/Sheet / 6 Pages/Sheet / 8 Pages/Sheet / 9 Pages/Sheet / 16 Pages/Sheet

Multiple pages are assigned to one sheet of paper and printed. The number presents the number of pages assigned to one sheet.

Set...

Opens the [Page Layout Printing dialog box](#).

You can freely specify detailed settings for assigned printing.

Edit Using PosterArtist

Word processing and spreadsheet software documents and web browser screens, etc. can be edited a print from PosterArtist.

You must install PosterArtist to use this function. Go to the Canon website, download PosterArtist, and then install it.

Stamp

The **Stamp** function prints a specific character string over the document pages. You can select the characters to be printed from a list or use the **Define Stamp** dialog box to set any characters.

Define Stamp...

Opens the [Define Stamp dialog box](#).

You can specify detailed stamp settings or register any stamp.

Print Centered

Prints document in center of paper.

Rotate 180 degrees

Rotates document 180 degrees and prints it.

No Spaces at Top or Bottom

When printing on roll paper, you can save paper by reducing the upper and lower margins when printing.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

▶▶▶ Important

- If the application used to create your document has a similar function, specify the number of copies with the application without specifying it here.

Print from Last Page

Check this check box when you want to print from the last page in order. If you do this, you do not need to sort the pages into their correct order after printing.

Uncheck this check box to print your document in normal order, starting from the first page.

Page Options...

Opens the [Page Options dialog box](#).

You specify settings for printing information such as date, user name, and page number.

▶▶▶ Important

- Depending on your usage environment, you may not be able to use the **Page Options** function. In this case, set **Spooling at Printer Driver** in the [Special Settings dialog box](#) to **Yes**.

Special Settings...

Opens the [Special Settings dialog box](#).

If you are unable to obtain the desired print results, you can change the print processing method.

Pages to Print dialog box

When printing a poster that has been divided into several pages, you can specify which pages to print and just print those pages.

Simply clear the check boxes of the pages you do not want to print.

In the setting view, the pages that were unchecked are hidden, and only the pages to be printed are displayed.

Invert

Switches the pages to be displayed or hidden.

»» Note

- The **Pages to Print** dialog box appears only when **Poster (1 x 2)** or **Poster (2 x 2)** is selected for **Page Layout**.

Free Layout Settings dialog box

You can specify detailed settings for free layout.

Paper Orientation

Selects the printing orientation.

If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

Roll Paper Length

Sets the roll paper length.

Auto

Automatically determines the roll paper length and prints.

Manual Settings

Determines and specifies the roll paper length.

Page Order

Specifies the document orientation to be printed on a sheet of paper.

»» Note

- The **Free Layout Settings** dialog box appears only when **Free Layout** is selected for **Page Layout**.

Page Layout Printing dialog box

This dialog box allows you to select the number of document pages to be placed on one sheet of paper, the page order, and whether a page border line is to be printed around each document page.

The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings made on the **Page Layout Printing** dialog box.

You can check what the print result will look like before you actually print the data.

Page Order

Specifies the document orientation to be printed on a sheet of paper.

Page Border

Prints a page border line around each document page.

Select something other than **None** from the list to print the page border line.

»» Note

- The **Page Layout Printing** dialog box appears only when **2 Pages/Sheet, 4 Pages/Sheet, 6 Pages/Sheet, 8 Pages/Sheet, 9 Pages/Sheet, or 16 Pages/Sheet** is selected for **Page Layout**.

Define Stamp dialog box

The **Define Stamp** dialog box allows you to specify settings for printing a stamp over the document pages. In addition to the pre-registered ones, you can register and use your original stamp.

Stamps

This is a list of the pre-registered stamps.

Add

Creates an original stamp.

Click this item to set **Name, Text, Font, Style, Size, and Color**.

Name

Enter the stamp name to be registered.

Text

Enter the characters to be used in the stamp.

Font

Selects the font for the stamp text string.

Style

Selects the font style for the stamp text string.

Size

Selects the font size for the stamp text string.

Color

Select the color of the stamp text string.

Delete

Deletes an unnecessary stamp.

Specify the title of an unnecessary stamp from the **Stamps**, and click this button.

Outline

Selects a frame that encloses the stamp text string.

Print Style

Select the stamp printing method.

Select **Transparent** to print the stamp on the back of the document, and select **Overlap** to print the stamp on the front.

Position

Specifies the stamp position on the page.

You can specify values in **X** and **Y** to set the coordinates, or you can drag the horizontal and vertical slide bars to the left/right or up/down to change the coordinates.

Move to Center

Moves the stamp to the center of the paper.

Angle

Set the stamp positioning angle.

You can specify a value in **Set Angle** to set the angle, or you can drag the slide bar left/right to change the angle.

When specifying an angle value, set a value in the range of -180 to 180.

Stamp first page only

Select this check box if you want to print a stamp only on the first page.

Page Options dialog box

Specify the print settings, such as date, user name, and page number.

Print Date

Select the position for printing the date.

Print Time Also

Prints the time along with the date.

Print User Name

Select the position for printing the user name.

Print Page Number

Select the position for printing the page number.

▶▶▶ Note

- It will be displayed if you select **Yes** in **Spooling at Printer Driver** in the **Special Settings** dialog box.

Format Settings

The [Format Settings dialog box](#) opens, and you can set the format.

Format Settings dialog box

Set the format to be used when printing the contents set in the **Page Options** dialog box.

Font

Select the font type.

Style

Select the font style.

Size

Select the font size.

Color

Select the font color.

Special Settings dialog box

The **Special Settings** dialog box allows you to change the print processing method if you do not get the print results you want.

Settings Summary

This is a list of items that you can set in the **Special Settings** dialog box.

When you click an item that you want to set, the setting contents are displayed outside the box.

Spooling at Printer Driver

Set whether print jobs are to be spooled in the print driver or whether PageComposer processing is to be performed.

Setting **No (Use RAW Spooling)** or **Yes** may improve the print results or the printing speed.

Also, depending on the setting, you may not be able to use some of the driver functions.

FineZoom Settings

Use this function to print on long paper.

Yes

The print problem may be corrected.

Select this in usual cases.

No

Image distortions may be corrected (for example, small lines may be eliminated).

Preview Switching

If you check the **Preview before printing** check box on the **Main** tab and then print, PageComposer starts.

Application Color Matching Priority

You can assign higher priority to color management by the application software.

Fast Graphic Process

If image colors or line thicknesses are printed incorrectly, you may be able to get the print results you want by setting this function to off.

This is only displayed when using a 32-bit driver.

Disable the color profile setting of the application software

If the color profile information set in the application software is output to the printer driver, the printing results may include an unexpected tint. You can resolve the problem in this case by setting **Disable the color profile setting of the application software** to **On**.

▶▶▶ Important

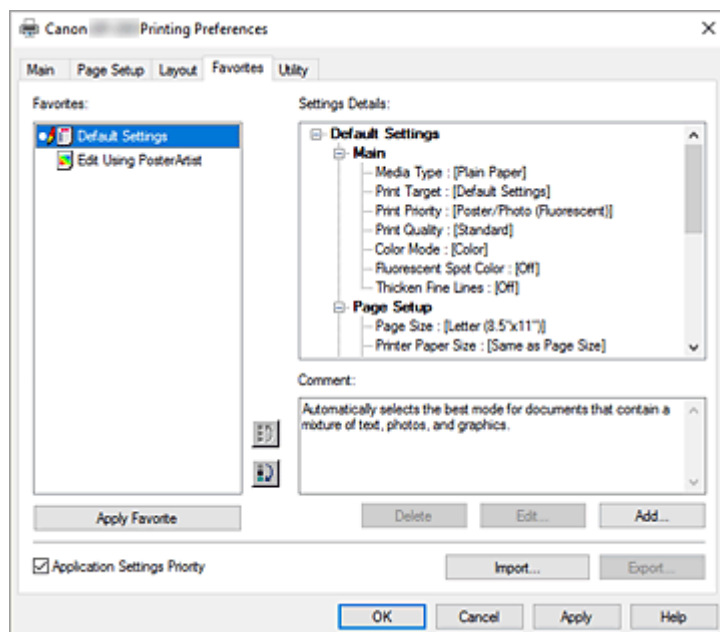
- Even if this is set to **On**, it will only disable some of the color profile information, and it is still possible to print using the color profile.
This should normally be set to **Off** when using.

Specify Pattern Resolution

This function is for switching the rendering resolution for drawings using the hatch brush or pattern brush.

Favorites Tab Description

The **Favorites** tab allows you to register frequently used print settings as favorites.



Favorites

A list of the registered favorite settings appears. The Default Settings are registered in the initial settings.

Settings Details

The settings of the favorite that you selected from **Favorites** appear.

Comment

The comment registered to the favorite appears.

Apply Favorite

You can change the print settings to the settings of the favorite that you selected from the **Favorites** list.

Delete

You can delete favorites that have become unnecessary.

Edit...

[The Edit dialog box](#) opens.

You can change the name and icon settings of the favorite that you selected from the **Favorites** list.

Add...

[The Add dialog box](#) opens.

You can register the current settings as a favorite.

Application Settings Priority

The setting in the application software will take priority over the favorites setting set on the printer driver. The setting in the application software is only prioritized for **Page Size**, **Orientation** and **Copies**. Place a checkmark to prioritize the settings for the application software.

Import...

You can read the settings of the favorite that was saved to a file (.cfg).

Export...

You can save the settings of a favorite to a file (.cfg).

Edit dialog box

You can change the name and icon of the favorite that you selected from the **Favorites** list.

Name

Changes name to be displayed in **Favorites** list.

Icon

Changes icon to be displayed in **Favorites** list.

Comment

Changes information to be displayed in **Comment**.

Add dialog box

You can save the current print settings as the settings of a favorite.

Name

Set the name to be displayed in **Favorites** list.

Icon

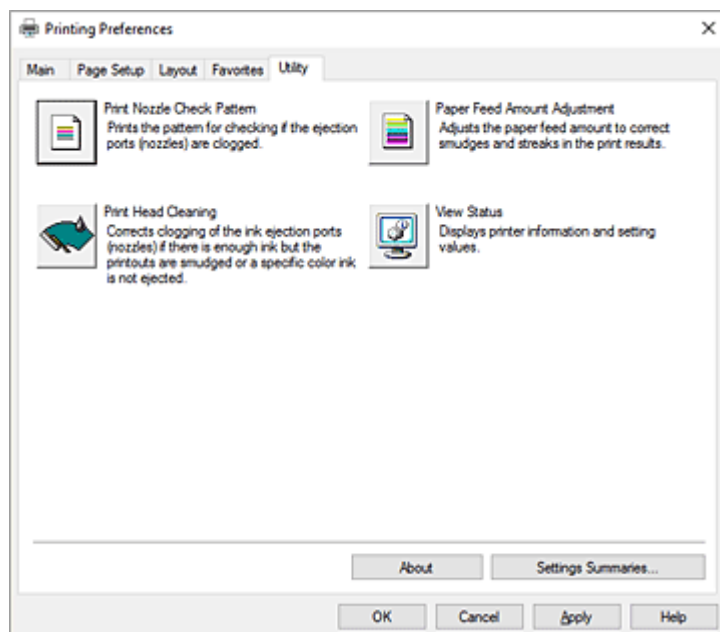
Set the icon to be displayed in **Favorites** list.

Comment

Enter information to be displayed in **Comment**.

Utility Tab Description

The **Utility** tab allows you to perform printer maintenance or check the settings of the printer.



Print Nozzle Check Pattern

Prints a nozzle check pattern.

Perform this function if printing becomes faint or a specific color fails to print. Print a nozzle check pattern, and check whether the print head is working properly.

If the print result for a specific color is faded, or if there are any unprinted sections, use **Print Head Cleaning** to clean the print head.

Paper Source

Displayed using the **Media Type**, **Page Size** and **Roll Paper Width** for each currently set paper feed position.



Print Head Cleaning

Performs print head cleaning.

Print head cleaning removes any blockage in the print head nozzles.

Perform cleaning when printing becomes faint, or a specific color fails to print, even though all ink levels are sufficiently high.

There are two head cleaning functions, which are described below.

Cleaning

Perform cleaning when printing becomes faint, or a specific color fails to print, even though all ink levels are sufficiently high.

System Cleaning

System Cleaning is a more powerful cleaning function. Execute this function if the condition does not improve even after you repeat **Cleaning** several times.

»» Important

- **System Cleaning** consumes an extremely large amount of ink. Executing system cleaning frequently will rapidly deplete your printer's ink supply. Therefore, execute system cleaning only when necessary.



Paper Feed Amount Adjustment

This function adjusts the paper feed amount if the print result is faint or contains streaks.



View Status

This function copies printer information and setting values to the clipboard.

About

Opens the **About** dialog box.

You can check information such as the version and copyright of the printer driver.

Settings Summaries...

The **Settings Summaries** dialog box is displayed.

You can confirm the list of items set in the printer driver.

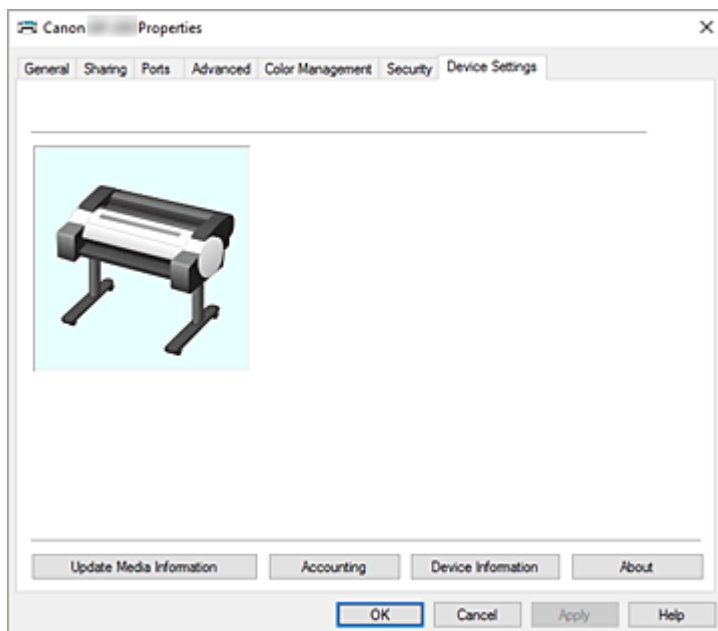
If you click the tab of each sheet, you can confirm the setting details of each item.

Related Topics

- ➔ [Cleaning the Print Heads](#)
- ➔ [Printing a Nozzle Check Pattern](#)

Device Settings Tab Description

Many of the tabs in the Properties windows of the printer are controlled by Windows. However, the **Device Settings** tab is for specifying printer configuration-related settings and is part of the printer driver. The **Device Settings** tab allows you to specify settings related to the printer unit.



Update Media Information

Opens the **Update Media Information** dialog box.

Gets the latest media information from the printer and updates the media information in the printer driver.

Accounting

Opens the [Accounting dialog box](#).

By setting **Accounting** information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

►►► Note

- **Accounting** can be set only by users with Administrator rights. Users without Administrator rights may not be able to set Accounting information.
- To set accounting information, see "[Setting Accounting Information](#)."
- If you set accounting information in the **Device Settings** sheet, the items in the **Accounting** dialog in the **Main** sheet will be greyed out, and you won't be able to configure them.

Device Information

Opens the [Device Information dialog box](#).

You can obtain the device information of the connected printer, and change the configuration to match the printer that is connected to the driver function.

About

Opens the **About** dialog box.

You can check information such as the version and copyright of the printer driver.

Accounting dialog box

Click **Accounting** to display the **Accounting** dialog box.

The **Accounting** dialog box allows you to add IDs to print jobs. You can then use the IDs, along with the printer and cost management tool, to tabulate print history information.

Use a fixed Account ID./Use a fixed Department name./Use a fixed Project number.

Prohibits changes to account ID, department, and project number that have already been set.

Check this check box to prevent other users from changing IDs.

Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

If you've added checkmarks to **Use a fixed Account ID.**, **Use a fixed Department name.**, or **Use a fixed Project number.**, you'll be able to configure each setting.

Device Information dialog box

The **Device Information** dialog box allows you to obtain the device information of the connected printer, and change the configuration to match the printer that is connected to the driver function.

Settings Summary

This is a list of items that you can set in the **Device Information** dialog box.

When you click an item that you want to set, the setting contents are displayed outside the box.

Device Type

The maximum supported roll paper width will be set to the initial value.

Hard disk

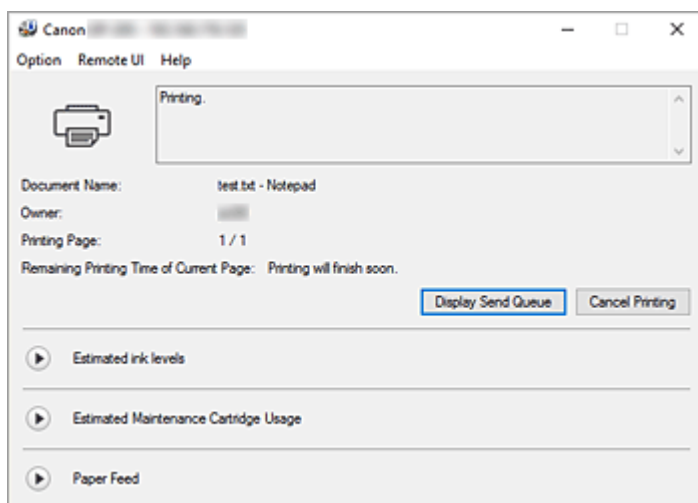
If a hard disc is equipped, it will be set to **Yes**.

Acquire Status

Obtain device type and hard disk information from the printer.

Canon IJ Status Monitor Description

The Canon IJ Status Monitor displays the status of the printer and the printing progress. The monitor uses graphics, icons, and messages to let you know the printer status.



Canon IJ Status Monitor Features

The Canon IJ Status Monitor offers the following advantages:

You can check the status of the printer on the screen.

The status of the printer is shown on the screen in real time.

You can check the printing progress of each printing document (print job).

Error types and solutions are shown on the screen.

Shown when a printer error occurs.

You can immediately check how to respond.

You can check the ink status.

This function displays graphics showing the ink tank type and the estimated ink levels.

Icons and messages are displayed when ink is running low (ink level warning).

Canon IJ Status Monitor Overview

Canon IJ Status Monitor allows you to check the status of the printer and ink with graphics and messages.

You can check the information on the printing document and the printing progress during printing.

When a printer error occurs, it shows the cause and solution. Follow the instruction in the message.

Printer

Canon IJ Status Monitor shows an icon when a warning or error occurs to the printer.



: A warning is being displayed.



: An operation error has occurred.



: You are being informed of remaining ink levels, etc.



: There has been an error which requires a service.

Document Name

Shows the name of the document to be printed.

Owner

Shows the owner's name of the document to be printed.

Printing Page

Shows the number of printing page and total printing pages.

Remaining Printing Time of Current Page

Displays the remaining print time of the pages being printed.

Display Send Queue


Shows the print window used to manage the print job that is being printed or being in the print queue.

Cancel Printing

Cancels the current print job.

Estimated ink levels

Displays icons to report a remaining ink level warning and an ink depletion error.


Click  (the disclosure triangle) to display a pictorial representation of the estimated ink level in the ink tank.

Ink Model Number

You can look up the correct ink tank for your printer.


Estimated Maintenance Cartridge Usage

Displays icons to report that the available space in the maintenance cartridge is low or the cartridge is full.

Click  (the disclosure triangle) to display a pictorial representation of the estimated usage amount in the maintenance cartridge.

Paper Feed

Displays the size and type of paper loaded in each feeder.

Click  (the disclosure triangle) to check the remaining amount of paper.

Purchase information is displayed in **Purchase Paper....**

Option Menu

If you select **Enable Status Monitor**, when a printer related message is generated the Canon IJ Status Monitor starts.

When **Enable Status Monitor** is selected, following commands are available.

Always Display Current Job

Displays the Canon IJ Status Monitor during printing.

Always Display on Top

Displays the Canon IJ Status Monitor in front of other windows.

Display Warning Automatically**When a Low Ink Warning Occurs**

Starts the Canon IJ Status Monitor window automatically and displays it in front of the other windows when a low ink warning occurs.

When a Maintenance Cartridge Warning Occurs

When a maintenance cartridge remaining space warning occurs, the Canon IJ status monitor starts automatically and appears in front of all other windows.

Other Warnings

When any other warning occurs, the Canon IJ Status Monitor will open automatically and be displayed in front of other windows.

Start when Windows is Started

Starts the Canon IJ Status Monitor automatically when you start Windows.

Remote UI menu

You are able to open the printer's Remote User Interface.

You are able to check the printer status and run maintenance functions on the printer when connected to and using it through a network.

Note

- When the printer is being used via USB connection **Remote UI** will not display.

Printer Information

Allows you check detailed information, such as the printer status, the print progress, and remaining ink levels.

Maintenance

Allows you to run printer maintenance and change printer settings.

Job Log

Displays the **Job history** window.

Job List

Displays the **Print job** window.

HDD Information

Displays the **Saved job** window.

This window allows you to check each box of the information saved on the printer's hard disk.

Ink Supplier Display Settings

Displays the **Ink supplier information** window.

Paper Supplier Display Settings

Displays the **Paper supplier information** window.

Download Security Certificate

Displays the **For secure communication** window.

This window allows you to download the root certificate, register it to the browser, and disable warning displays.

Help Menu

When you select this menu item, the Help window for Canon IJ Status Monitor is displayed, and you can check the version and copyright information.

Updating the Printer Driver

- **Obtaining the Latest Printer Driver**
- **Deleting the Unnecessary Printer Driver**
- **Before Installing the Printer Driver**
- **Installing the Printer Driver**

Obtaining the Latest Printer Driver

By updating the printer driver to the latest version of the printer driver, unresolved problems may be solved.

You can check the version of the printer driver by clicking the **About** button on the **Utility** tab.

You can access our website and download the latest printer driver for your model.

►► Important

- You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

Related Topics

- ➔ [Before Installing the Printer Driver](#)
- ➔ [Installing the Printer Driver](#)

Deleting the Unnecessary Printer Driver

The printer driver which you no longer use can be deleted.

When deleting the printer driver, first exit all programs that are running.

The procedure to delete the unnecessary printer driver is as follows:

1. Start the uninstaller

Select the **Control Panel -> Programs -> Uninstall a program (Programs and Features)**.

From the program list, select "XXX Printer Driver" (where "XXX" is your model name) and then click **Uninstall**.

The confirmation window for uninstalling the model appears.

»» Important

- A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task. When you are logged on to an administrator account, click **Yes** (or **Continue, Allow**) to continue. Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

2. Execute the uninstaller

Click **Start**. When the confirmation message appears, click **Yes**.

When all the files have been deleted, click **Complete**.

The deletion of the printer driver is complete.

Before Installing the Printer Driver

This section describes the items that you should check before installing the printer driver. You should also refer to this section if the printer driver cannot be installed.

Checking the Printer Status

- Turn on the printer.

Checking the Personal Computer Settings

- Terminate all running applications.
- Log on as a user who has the administrator account.

Related Topics

- ➔ [Obtaining the Latest Printer Driver](#)
- ➔ [Installing the Printer Driver](#)

Installing the Printer Driver

You can access our web site through the Internet and download the latest printer driver for your model.

The procedure for installing the downloaded printer driver is as follows:

1. Turn on the printer

2. Start the installer

Double-click the icon of the downloaded file.

The installation program starts.

▶▶▶ Important

- A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task. When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue. Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

3. Install the printer driver

Take the appropriate action as described on the screen.

4. Complete the installation

Click **Exit**.

Depending on the environment you are using, a message prompting you to restart the computer may be displayed. To complete the installation properly, restart the computer.

▶▶▶ Important

- You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

Related Topics

- ➔ [Obtaining the Latest Printer Driver](#)
- ➔ [Deleting the Unnecessary Printer Driver](#)
- ➔ [Before Installing the Printer Driver](#)

Application Software

- ▶ **Direct Print Plus Guide**
- ▶ **Easy-PhotoPrint Editor Guide**
- ▶ **Preview Guide (Windows)**
- ▶ **Preview Guide (macOS)**
- ▶ **Free Layout plus Guide (Windows)**
- ▶ **Free Layout Guide (macOS)**
- ▶ **Quick Utility Toolbox Guide**
- ▶ **IJ Network Device Setup Utility Guide**
- ▶ **Media Configuration Tool Guide**
- ▶ **Device Management Console Guide**
- ▶ **Accounting Manager Guide**
- ▶ **PosterArtist Guide**
- ▶ **Firmware Update Tool**

Managing Print Jobs

➤ Basic Print Job Operations

- Using Printer Hard Disk
- Saving Print Jobs on Personal Job Boxes
- Priority Printing
- Printing Pending Jobs
- Printing Security Print Jobs
- Deleting Print Jobs
- Printing Saved Jobs
- Deleting Saved Jobs
- Moving Saved Jobs

➤ Advanced Print Job Operations

- Saving Print Jobs Sent from Sources Other than Printer Driver
- Printing without Saving Jobs in Common Job Box
- Setting Passwords for Personal Job Boxes
- Naming Personal Job Boxes
- Printing List of Saved Jobs
- Renaming Saved Jobs
- Printer Hard Disk Operations
- Checking Free Hard Disk Space

➤ Collecting Printer Job Logs Using Accounting Manager

Basic Print Job Operations

- **Using Printer Hard Disk**
- **Saving Print Jobs in Personal Job Boxes**
- **Priority Printing**
- **Printing Pending Jobs**
- **Printing Security Print Jobs**
- **Deleting Print Jobs**
- **Printing Saved Jobs**
- **Deleting Saved Jobs**
- **Moving Saved Jobs**

Using Printer Hard Disk

The printer can save print jobs on the built-in hard disk.

Saving print jobs offers the following benefits.

- **Save the time spent using a computer**

When you send a print job to the printer, you can save it on the printer after printing or simply save it on the printer without printing it yet. Saved print jobs can be printed in the required quantity later without the need to use a computer again.

- **Simplify reprinting, if any errors occur**

If errors occur in the middle of printing (as when paper runs out), you can resume printing after clearing the error without resending the print job from a computer.

- **Streamline printing work**

Without using a computer, you can select print jobs and print in the desired quantity. You can also select multiple print jobs to print during the same period. This enables unattended operation at night, for example.

Output Method

To save print jobs on the printer's hard disk, configure the printer driver.

In Windows, this is set using the **Output Method** dialog box.

In macOS, this is set by selecting **Additional Settings** in the pop-up menu of the printer properties dialog.

Print

Perform printing while saving the print job on the temporary storage area of the printer's hard disk.

Set PIN for printing

Set a 7 digit security code. To start printing, enter the PIN set here using the operation panel. If the entered PIN does not match the set PIN, the printing does not start.

Print after reception is complete

This option is available in combination with **Print**. You can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.

Save in Job Box

Save print jobs on the permanent storage area of the printer's hard disk. Selecting this does not start printing.

Storage Destination

The storage area on the printer's hard disk is divided into a temporary storage area and a permanent storage area. The temporary storage area stores print jobs in the job queue or common job box. The permanent storage area stores jobs in personal job boxes.

Job queue

The job queue refers to print jobs that are being processed by the printer (saved, received, prepared for processing, printed, deleted, or held). Up to 100 jobs can be stored in the temporary storage area. However, the number of jobs available as queued jobs is up to 64.

When the maximum number of job queues are saved, the print job sent from the computer is in a state of waiting for processing.

However, if all saved job queue states are pending, the oldest job queue of the saved date and time will be deleted and the print job sent from the computer will be processed.

Common job box

Jobs for which you have specified **Print** in **Output Method** are saved in common job box and classified as saved jobs.

There is one common job box, numbered "00". A password cannot be set for common job box.

Up to 100 print jobs can be saved here. However, they will be deleted one after another starting with the oldest job in the following situations.

- If there are over 101 jobs queued and saved in common job box combined
- If no more temporary storage space is available when jobs for which you have selected **Print** in **Output Method** are received
- If there is not enough space in the temporary or permanent storage area when jobs for which you have selected **Save in Job Box** in **Output Method** are received.

Personal job boxes

In the following cases, the job is classified as saved job and saved in a personal job box on the permanent storage area.

- When a saved job stored in common job box is moved to a personal job box
- When you have selected **Save in Job Box** in **Output Method**

There are 29 personal job boxes, numbered "01" to "29". You can specify a name and password for each personal job box.

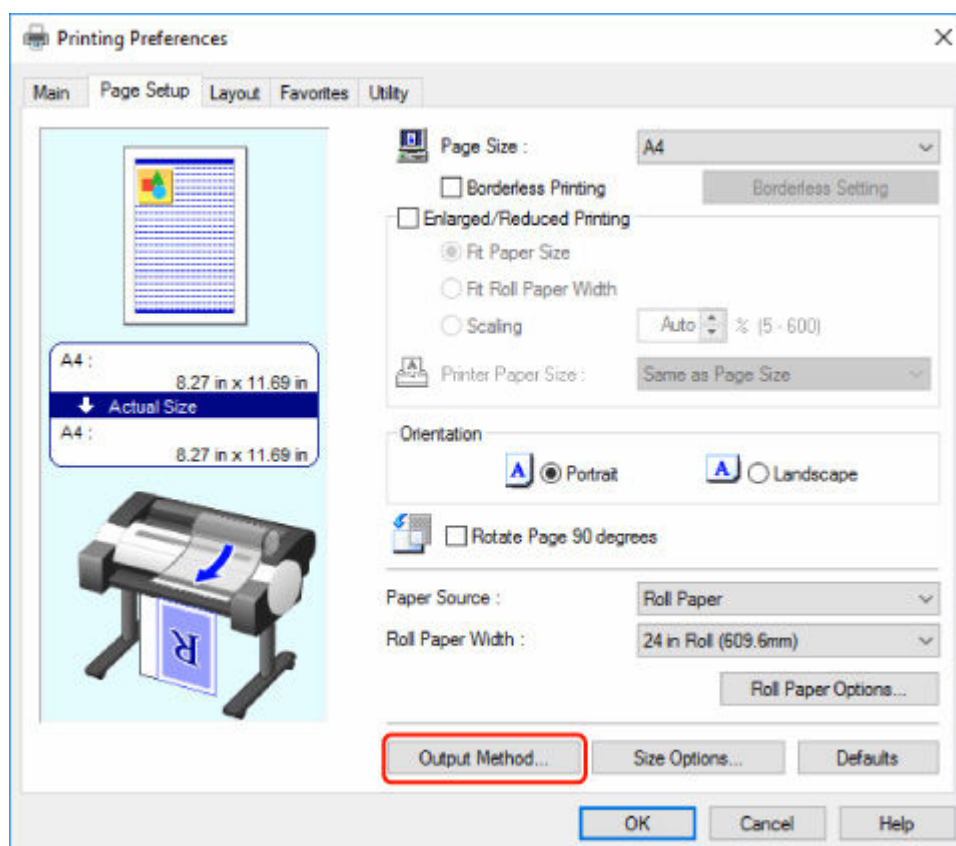
Up to 100 print jobs can be saved in all personal job boxes combined.

Saving Print Jobs in Personal Job Boxes

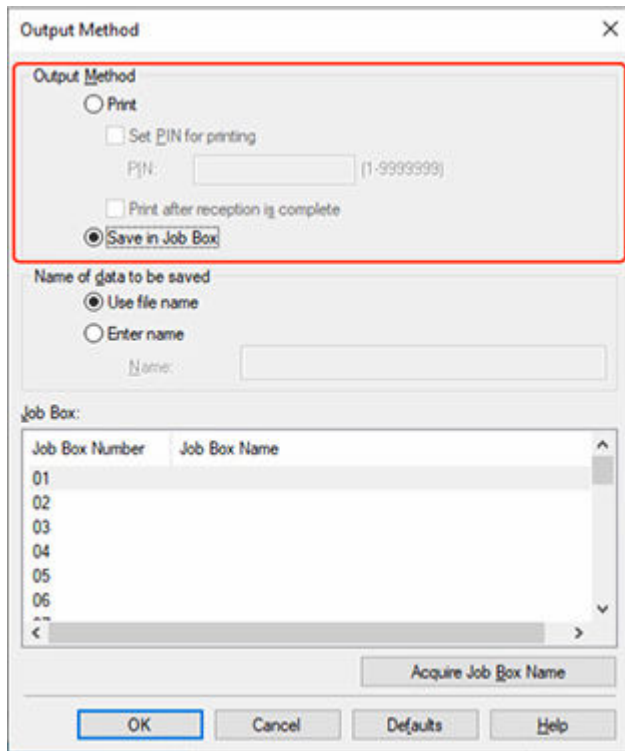
To save print jobs in personal job boxes, configure the printer driver.

Configuring Printer Driver (Windows)

1. Open printer properties dialog box.
 - ➔ [How to Open the Printer Driver Setup Window](#)
2. Select **Page Setup** tab.
3. Select **Output Method**.



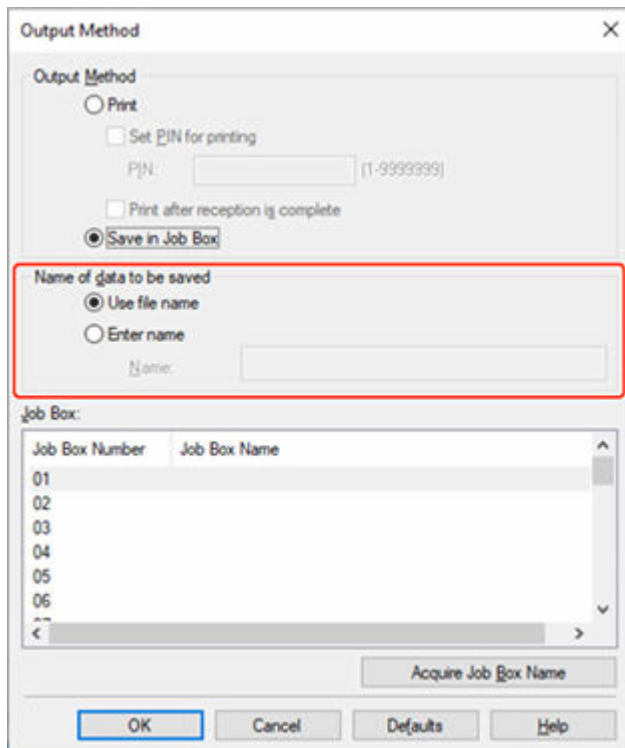
4. Select **Save in Job Box** in **Output Method**.



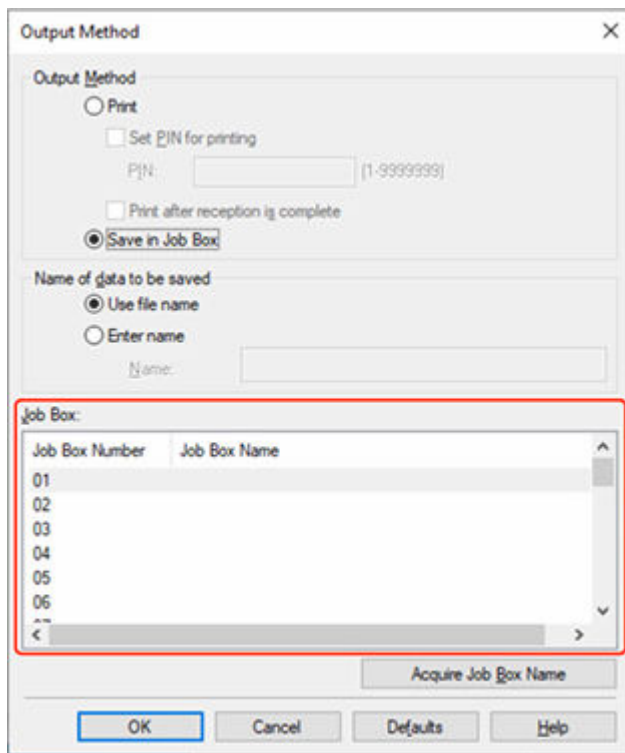
5. In **Name of data to be saved**, specify how to name saved print jobs.

To use the file name, select **Use file name**.

Otherwise select **Enter name** and enter a name in **Name**.



6. Select a personal job box in **Job Box**.



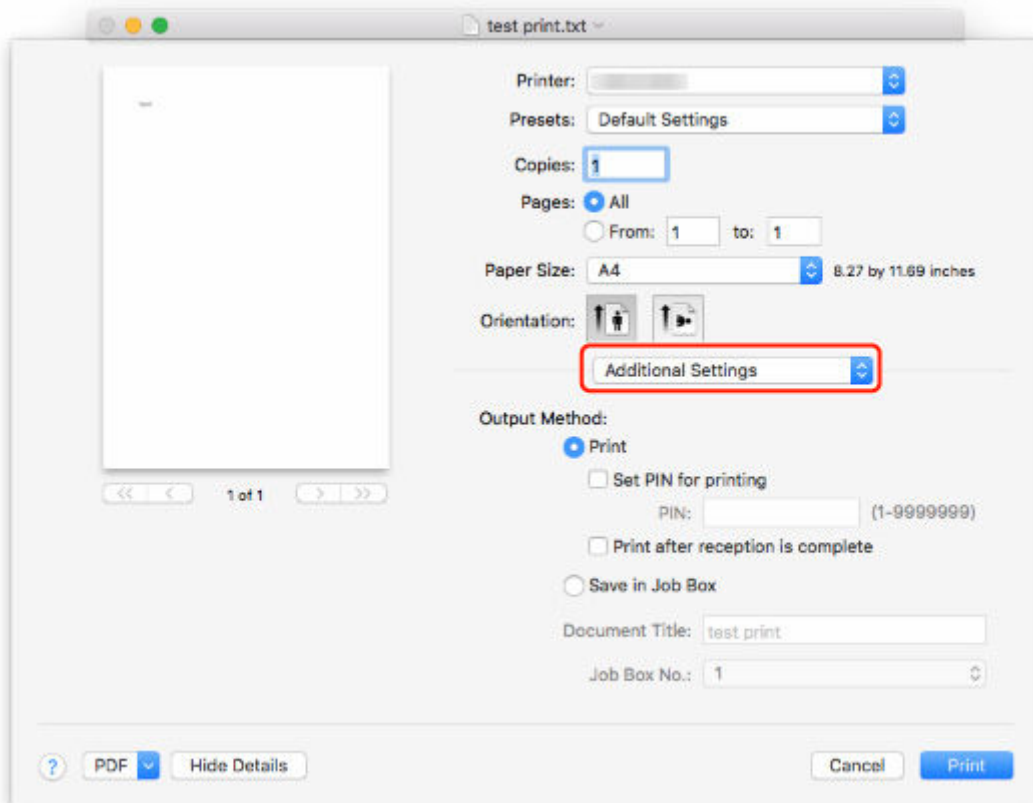
➤➤➤ Note

- Select **Acquire Job Box Name** to display personal job box names in the **Job Box** list, as acquired from the printer.

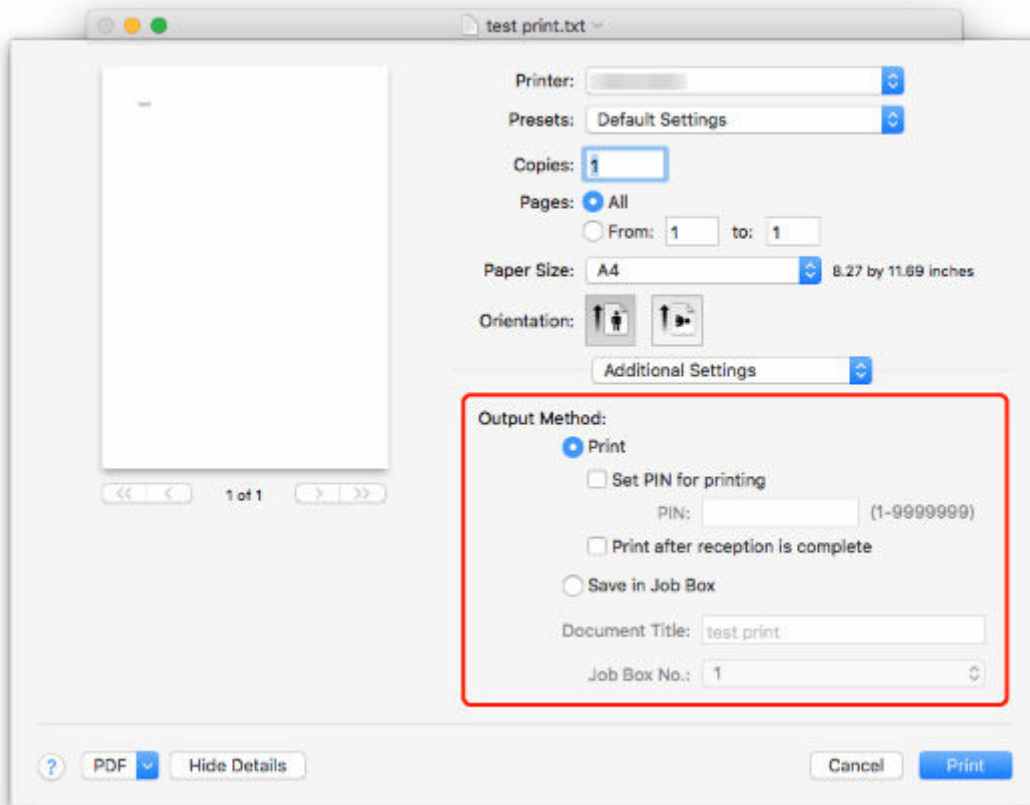
7. Select **OK**.

Configuring Printer Driver (macOS)

1. Open printer properties dialog.
 - ➔ How to Open the Printer Driver Setup Dialog
2. Select **Additional Settings** in pop-up menu.



3. Select **Save in Job Box** in **Output Method**.



Priority Printing



You can change the print order (Priority printing) by specifying the print job that is being received.

This operation is available using the operation panel or Remote UI.


➔ [Using Operation Panel](#)

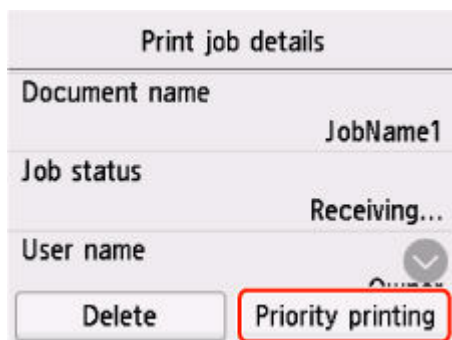
➔ [Using Remote UI](#)

▶▶▶ Note

- For the operation of the print job with the  icon (pending print job), see [Printing Pending Jobs](#).
- For the operation of the print job with the  icon (security print job), see [Printing Security Print Jobs](#).

Using Operation Panel

1. Tap  (**Jobs**) on HOME screen.
➔ [Home Screen Menu Composition](#)
2. Tap **Print job**.
3. In the list, tap the target job.
4. Tap **Priority printing**.



5. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.
➔ [Start up Remote UI](#)

2. Select **Job management**.
3. Select **Print job**.
4. In the list, select the target job.
5. Select **Prioritize**.

Printing Pending Jobs

If the type or size of paper loaded does not match the settings in the print job received when you have set **Detect paper setting mismatch** to **Hold job** in the operation panel, the print job is held on the printer as a pending job in the job queue.

To print held jobs, replace the loaded paper with the paper specified in the print job.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

This operation is available using the operation panel or Remote UI.

- ➔ [Using Operation Panel](#)
- ➔ [Using Remote UI](#)

▶▶▶ Note


- As long as you do not manage held jobs from the operation panel, they will remain in the job queue. In this case, the printer processes the next job in the queue without pausing.

Using Operation Panel

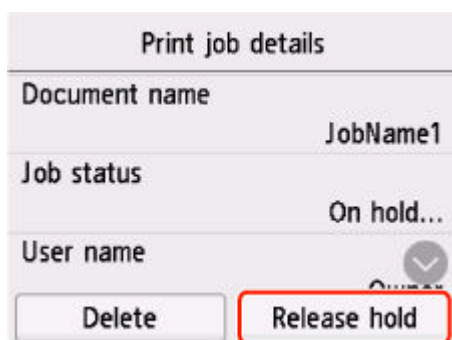
1. Tap  (**Jobs**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Print job**.

3. In the list, tap print job with  icon on the left.

4. Tap **Release hold**.



5. Confirm displayed message and tap **Yes**.


Using Remote UI

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Print job**.

4. In the list, select print job with  icon on the left.

5. Select **Release**.

Printing Security Print Jobs

A security print job is a print job that requires you to enter the PIN code set in the printer driver when printing.

The print job specified for the security print job has a lock icon to the left of the job name in the list such as **List of print jobs**.


▶▶▶ Note

- The security print job remains saved as a normal pending job until you enter the PIN code using the operation panel or Remote UI. In this case, the printer processes the next job in the queue without pausing.
- When deleting a security print job, you do not need to enter a PIN code.

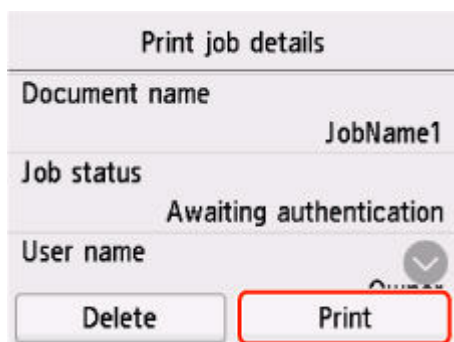
1. Tap  (**Jobs**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Job management**.

3. In the list, tap print job with  icon on the left.

4. Tap **Print**.



5. Enter PIN code you set and tap **OK**.



6. Tap **OK**.

PIN authentication successful. is displayed and printing starts.

»» Note

- The security print job is deleted after printing.

Deleting Print Jobs

You can delete a print job as needed.

This operation is available using the operation panel or Remote UI.

➔ [Using Operation Panel](#)

➔ [Using Remote UI](#)

Using Operation Panel

1. Tap  (**Jobs**) on HOME screen.

➔ [Home Screen Menu Composition](#)

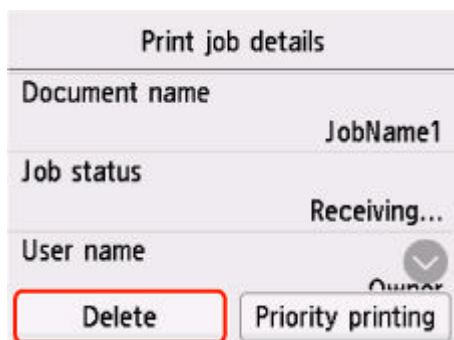
2. Tap **Print job**.

3. In the list, tap the target job.

➤➤➤ Note

- Tap **Del. selected** to delete multiple jobs at one time.

4. Tap **Delete**.



5. Confirm displayed message and tap **Yes**.

➤➤➤ Note

- Select **Delete all print jobs** on **Job management** to delete all jobs in the job queue

➔ [Job management](#)

Using Remote UI

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.
3. Select **Print job**.
4. In the list, select the target job.
5. Select **Delete**.
6. Confirm displayed message and tap **Yes**.

Printing Saved Jobs

Print saved print jobs stored on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

➔ [Using Operation Panel](#)

➔ [Using Remote UI](#)

Using Operation Panel

1. Tap  (**Jobs**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Saved job**.
3. In the list, tap the target job box.

▶▶▶ Note

- If an administrator password is set, enter the password.

4. Tap **Job list**.
5. In the list, tap the target job.
6. Tap **Print settings**.
7. Specify the number of copies.

1. To change the number of copies, tap A.



2. Specify the number of copies and tap **OK**.

	1	< x	
JobName	1	2	3
	4	5	6
Print time	7	8	9
	0	OK	

8. Tap **Start print**.

Using Remote UI

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

▶▶▶ Note

- If an administrator password is set, enter the password.

5. In the list, select the target job.

6. Select **Print**.

7. Enter the number of copies and select **Yes**.

8. select **Yes**.

Deleting Saved Jobs

Delete saved print jobs stored on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

➔ [Using Operation Panel](#)

➔ [Using Remote UI](#)

Using Operation Panel

1. Tap  (**Jobs**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Saved job**.
3. In the list, tap the target job box.

▶▶▶ Note

- If an administrator password is set, enter the password.

4. Tap **Job list**.
5. In the list, tap the target job.
6. Tap **Delete**.
7. Confirm displayed message and tap **Yes**.

Using Remote UI

1. Start up Remote UI.
➔ [Start up Remote UI](#)
2. Select **Job management**.
3. Select **Saved job**.
4. In the list, select the target job box.

▶▶▶ Note

- If an administrator password is set, enter the password.

5. In the list, select the target job.

6. Select **Edit**.

7. Select **Delete**.

8. Select **Yes**.

Moving Saved Jobs

Print jobs stored on the printer's hard disk (saved jobs) can be moved from the current job box to another job box as follows.

However, jobs saved in personal job boxes cannot be moved to common job box.

»» Important

- Jobs stored in common job box may be automatically deleted under some conditions. To prevent jobs from being deleted, move them from common job box to personal job boxes.

➔ [Using Printer Hard Disk](#)

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

»» Note

- If an administrator password is set, enter the password.

5. In the list, select the target job.

6. Select **Edit**.

7. Select **Move**.

8. Select **Destination job box**.

9. In the list, select the personal job box to move to and select **OK**.

»» Note

- If an administrator password is set, enter the password.

Advanced Print Job Operations

- **Saving Print Jobs Sent from Sources Other than Printer Driver**
- **Printing without Saving Jobs in Common Job Box**
- **Setting Passwords for Personal Job Boxes**
- **Naming Personal Job Boxes**
- **Printing List of Saved Jobs**
- **Renaming Saved Jobs**
- **Printer Hard Disk Operations**
- **Checking Free Hard Disk Space**

Saving Print Jobs Sent from Sources Other than Printer Driver

To save print jobs sent from software or systems other than the printer driver or applications provided with the printer, specify the output method and select the setting to perform printing after saving printing data using the operation panel.

▶▶▶ Note

- Contact the software or system developer for information about support for this printer function.

▶▶▶ Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

➔ [Specifying Output Method](#)

➔ [Printing after Saving Printing Data](#)

Specifying Output Method

Perform settings for printing or saving print job.

1. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Hard disk settings**.

Enter administrator password if it is enabled.

4. Tap **Output method**.

5. Tap the output method you want to set up.

Print

Save print jobs automatically at the same time they are printed. (This is the default format.)

Print (auto delete)

Save print jobs temporarily at the same time they are printed and delete them after printing.

Save to job box

Save print jobs on in the personal job box.

Printing after Saving Printing Data

To save print jobs on the hard disk before printing, select **ON** for **Save first and print**.

Printing will start when **Save first and print** is set to **ON**, even if you have selected **Save to job box** for **Output method**.

1. Tap  (**Setup**) on HOME screen.

➡ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Hard disk settings**.

Enter administrator password if it is enabled.

4. Tap **Save first and print**.

5. Tap **ON**.

Printing without Saving Jobs in Common Job Box

Jobs sent from a computer for which you have selected **Print** in **Output Method** in the printer driver are saved in common job box.

➔ [Using Printer Hard Disk](#)

When **Common job box settings** is set to **Print (auto delete)** in the operation panel menu, print jobs for which you have selected **Print** in **Output Method** in the printer driver are deleted from common job box after printing.

Use this function when printing highly confidential documents.

▶▶▶ Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.



1. Tap  (**Setup**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Printer settings**.

3. Tap **Hard disk settings**.

Enter administrator password if it is enabled.

4. Tap **Common job box settings**.

5. Tap **Print (auto delete)**.

Setting Passwords for Personal Job Boxes

For greater security, you can specify a password for personal job boxes. After setting the password, it is necessary to enter the password when performing the following operations.

- Change personal job box settings
- Display / print the list of jobs saved in personal job box, print / delete / move /rename jobs saved in personal job box

»» Note

- By default, no passwords are set for personal job boxes.
- A password cannot be set for common job box.
- Enter a seven-digit number as the password, in the range 0000001 to 9999999.
- Even if you have set passwords, they are not required to access personal job boxes in Administrator Mode in Remote UI.

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, tap the target job box.

5. Select **Edit**.

6. Select **Set/change password** check box and enter password. (This field is limited to seven digits in the range 0000001 to 9999999.)

7. Select **OK**.

Naming Personal Job Boxes

For easier identification, you can assign names to personal job boxes.

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, select the target job box.

▶▶▶ Note

- Enter the password if the personal job box has it.

5. Select **Edit**.

6. Enter name and select **OK**.

Printing List of Saved Jobs

The list of print jobs stored on the printer's hard disk (saved jobs) can be printed by job box as follows.

1. Tap  (**Jobs**) on HOME screen.

➔ [Home Screen Menu Composition](#)

2. Tap **Saved job**.

3. In the list, tap the target job box.

»» Note

- Enter the password if the personal job box has it.

4. Tap **Print the job list**.

For each job box, a list of saved jobs is printed.

Renaming Saved Jobs

Print jobs stored on the printer's hard disk (saved jobs) can be renamed as follows.

1. Start up Remote UI.

➔ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Saved job**.

4. In the list, tap the target job box.

▶▶▶ Note

- Enter the password if the personal job box has it.

5. In the list, tap the target job.

6. Select **Edit**.

7. Select **Change**.

8. Enter name and select **OK**.

Printer Hard Disk Operations

Printer hard disk operations are available from the following programs and interfaces.

- **Printer driver**
- **Remote UI**
- **Operation panel**

The hard disk operations available through each interface are as follows.

Operation		Printer driver	Remote UI	Operation panel
Saving print jobs	Save to job box	✓	-	-
	Print without saving jobs in common job box	-	-	✓
	Save print jobs sent from sources other than printer driver	-	-	✓
Operations with saved jobs	Print saved jobs	-	✓	✓
	Delete saved jobs	-	✓	✓
Job queue management	Display job queue	-	✓	✓
	Delete	-	✓	✓
	Priority printing	-	✓	✓
	Operations with pending jobs	-	✓	✓
	Operations with security print jobs	-	-	✓
	Delete Operations with security jobs	-	✓	✓
Job box management	Move saved jobs	-	✓	-
	Modify saved jobs	-	✓	-
	Modify job boxes	-	✓	-
	Print a list of saved jobs	-	-	✓
	Display a list of saved jobs	-	✓	✓
Other operations	Display free hard disk space	-	✓	✓
	Initialize hard disk	-	-	✓
	Display the time of printing	-	✓	✓
Display error messages		-	✓	✓

Checking Free Hard Disk Space

Check the space available on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

➡ [Using Operation Panel](#)

➡ [Using Remote UI](#)

Using Operation Panel

1. Tap  (**Setup**) on HOME screen.

➡ [Home Screen Menu Composition](#)

2. Tap **Printer information**.

3. Tap **Hard disk information**.

The free hard disk space (job box free space) appears.

Using Remote UI

1. Start up Remote UI.

➡ [Start up Remote UI](#)

2. Select **Job management**.

3. Select **Hard disk information**.

The free hard disk space (job box free space) appears.

Frequently Asked Questions

Problems with the Printing Quality



Unevenness, Banding, Faint

- ➔ [Printing is faint](#)
 - ➔ [Banding in different colors occurs](#)
 - ➔ [Colors in printed images are uneven](#)
 - ➔ [Image edges are blurred or white banding occurs](#)
-



dirt

- ➔ [Paper rubs against the Print Head](#)
 - ➔ [The edges of the paper are dirty](#)
 - ➔ [The surface of the paper is dirty](#)
 - ➔ [The back side of the paper is dirty](#)
 - ➔ [Immediately after borderless printing, the trailing edge margin is soiled during regular printing](#)
-



colors are inaccurate

- ➔ [Printed colors are inaccurate](#)
- ➔ [Documents are printed in monochrome](#)



Line

- ➔ [Line thickness is not uniform](#)
- ➔ [Lines or colors are misaligned](#)

Others

- ➔ [The length of the printed image in the paper ejection direction is not accurate](#)
- ➔ [Images are printed crooked](#)
- ➔ [Borders appear in borderless printing](#)

General FAQ

- ➔ [I want to easily create vertical or horizontal banners](#)
- ➔ [Does this printer support sub-ink tank system](#)
- ➔ [I want to know how to configure roll cutting](#)
- ➔ [I want to configure so that the roll is cut automatically after waiting for the ink to dry](#)
- ➔ [How do I print without borders](#)
- ➔ [I want to know the paper types that can be used in this printer](#)
- ➔ [The paper type that I want to print is not displayed on the Touch Screen](#)
- ➔ [Can I perform duplex printing](#)
- ➔ [I want to perform enlargement printing](#)
- ➔ [Network Settings and Common Problems](#)

Search by Category

Problems Regarding Paper

- ➔ [Remove Jammed Roll Paper](#)

- ➔ [Remove a Jammed Sheet](#)
- ➔ [Remove Jammed Paper \(Paper Feed Slot\)](#)
- ➔ [Roll paper cannot be inserted into the Paper Feed Slot](#)
- ➔ [Roll Paper Remains/Lacks under Quantity Management](#)
- ➔ [Cannot load sheets](#)
- ➔ [Paper is not cut straight](#)
- ➔ [Paper is not cut](#)
- ➔ [Cutter Blade Does Not Work While Cutting Is in Progress](#)
- ➔ [The size of clear film cannot be detected](#)
- ➔ [Margins are wide](#)
- ➔ [When printing on roll paper, the printed surface becomes scratched](#)

Printing Does Not Start

- ➔ [Printer Suddenly Stopped Working for Some Reason](#)
- ➔ [The Data lamp on the Operation Panel does not light up](#)
- ➔ [The printer does not respond even if print jobs are sent](#)
- ➔ ["Preparing the ink system." is displayed](#)
- ➔ ["Agitating the ink" is displayed](#)
- ➔ [Message Is Displayed and Borderless Printing Fails](#)

The Printer Stops During a Print Job

- ➔ [Printing stops and an error message is displayed](#)
- ➔ [The printer ejects blank, unprinted paper](#)

Cannot Print over Network

- ➔ [Cannot Connect Printer to Network](#)
- ➔ [Cannot Print over TCP/IP Network](#)
- ➔ [Cannot Print over Bonjour networks](#)

Cannot Find Printer on Network

- ➔ [Cannot Find Printer During Setup](#)
- ➔ [Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen](#)
- ➔ [Searching Printer by IP Address or Host Name During Setup](#)
- ➔ [Cannot Find Printer while Using Wi-Fi](#)
- ➔ [Cannot Find Printer while Using Wired LAN](#)
- ➔ [Cannot Print Using AirPrint](#)

Installation Problems

- ➔ [Removing Printer Software](#)
- ➔ [Taking Time to Setup Process \(Windows\)](#)
- ➔ [Failed to Printer Driver Installation \(Windows\)](#)

Other Problems

- ➔ [Printer does not turn on](#)
- ➔ [If the Printer Makes a Strange Sound](#)
- ➔ [Messages advising to check the maintenance cartridge are not cleared](#)
- ➔ [Printer consumes a lot of ink](#)
- ➔ [Ink Level Detection](#)

➔ [Media Type Selection does not Match Loaded Media Type](#)



I want to easily create vertical or horizontal banners



You can print originals that are in landscape (or portrait) orientation automatically enlarged to fit the roll width. This is an easy way to create vertical or horizontal banners.

- ➔ [Printing Hanging and Horizontal Banners \(Large-Format Printing\)](#) (Windows)
- ➔ [Printing Hanging and Horizontal Banners \(Large-Format Printing\)](#) (macOS)



Does this printer support sub-ink tank system



This printer supports hot-swap ink tank replacement.

Even if an ink tank becomes empty during printing, since a certain amount of ink always is stored in a sub-ink tank, you can replace the ink tank while printing.

➔ [Replacing Ink Tanks](#)



I want to know how to configure roll cutting



Cutting methods can be selected in the printer settings and printer driver settings.

To automatically cut roll paper after printing, open the **Cutting mode** settings on the printer, and then under **Automatic cut** set **Automatic Cutting** in the printer driver to **Yes**.

When using paper that is easily scratched, or paper where the ink requires extra time to fix, we recommend setting **Cutting mode** on the printer to **Eject cut**.

- ➔ [Specifying the Cutting Method for Rolls](#)
- ➔ [Cutting Roll Paper after Printing](#) (Windows)
- ➔ [Cutting Roll Paper after Printing](#) (macOS)



I want to configure so that the roll is cut automatically after waiting for the ink to dry



You can set an ink drying time in the printer driver.

You can also configure the same settings on the printer itself.

➔ [Specifying the Ink Drying Time](#)



How do I print without borders



If printing on roll paper, you can set borderless printing in the printer driver settings. (If printing on sheets, borderless printing is not possible)

- ➔ [Printing without Edges Based on the Scenarios](#) (Windows)
- ➔ Printing without Edges Based on the Scenarios (macOS)



I want to know the paper types that can be used in this printer



For information about paper that can be used with this printer, refer to the media information list.

➔ [Paper Information List](#)



The paper type that I want to print is not displayed on the Touch Screen



If using a new paper type, start the Media Configuration Tool to get the latest media information.

➔ [Updating paper information](#)



Can I perform duplex printing



This printer cannot print double-sided.

An alternative to double-sided printing is to use the **Folded Duplex** function of the Windows software Free Layout plus, which prints two pages on one side, folds the sheet back from the center, and hangs it.

➔ [Laying Out Documents Freely Using Free Layout plus](#)



I want to perform enlargement printing



Use the printer driver to adjust the original to the paper size and width, or print enlarged or reduced by specifying a magnification factor.

- ➔ [Scaled Printing](#) (Windows)
- ➔ Scaled Printing (macOS)

Network Settings and Common Problems

Here are frequently asked questions on network.

Cannot Find Printer

- ➔ [Cannot Find Printer During Setup](#)
- ➔ [Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen](#)
- ➔ [Searching Printer by IP Address or Host Name During Setup](#)
- ➔ [Cannot Find Printer while Using Wi-Fi](#)
- ➔ [Cannot Find Printer while Using Wired LAN](#)
- ➔ [Cannot Print Using AirPrint](#)

Cannot Print or Connect

- ➔ [Cannot Connect Printer to Network](#)
- ➔ [Cannot Print over TCP/IP Network](#)
- ➔ [Cannot Print over Bonjour networks](#)
- ➔ [Printer Suddenly Stopped Working for Some Reason](#)

LAN Setting Tips/Changing LAN Settings

- ➔ [Printer Connection Methods](#)
- ➔ [Default Network Settings](#)
- ➔ [Another Printer Found with Same Name](#)
- ➔ [Connecting to Another Computer via LAN/Changing from USB to LAN Connection](#)
- ➔ [Printing Network Settings](#)
- ➔ [Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection](#)
- ➔ [Network Status and Troubleshooting](#)

Problems Regarding Paper

- **Remove Jammed Roll Paper**
- **Remove a Jammed Sheet**
- **Remove Jammed Paper (Paper Feed Slot)**
- **Roll paper cannot be inserted into the Paper Feed Slot**
- **Roll Paper Remains/Lacks under Quantity Management**
- **Cannot load sheets**
- **Paper is not cut straight**
- **Paper is not cut**
- **Cutter Blade Does Not Work While Cutting Is in Progress**
- **Dent in the Tip of Paper**
- **The size of clear film cannot be detected**
- **Printer Keeps Ejecting the Roll Paper**
- **Margins are wide**
- **When printing on roll paper, the printed surface becomes scratched**



Remove Jammed Roll Paper

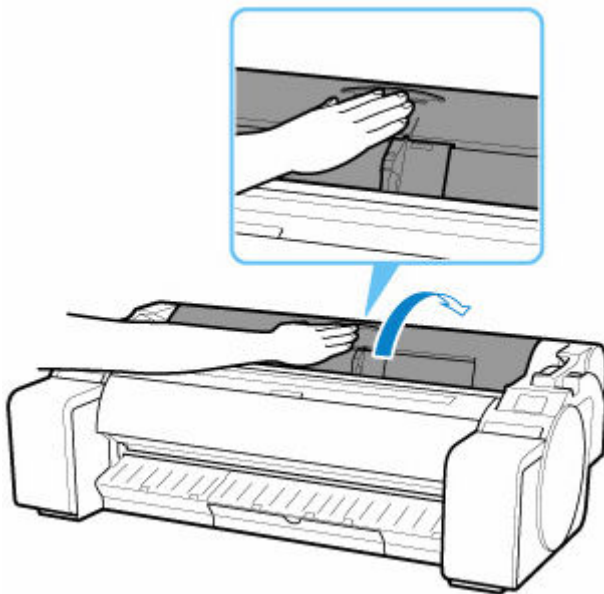


If roll paper jams, follow the steps below to remove jams.

1. Turn off printer.

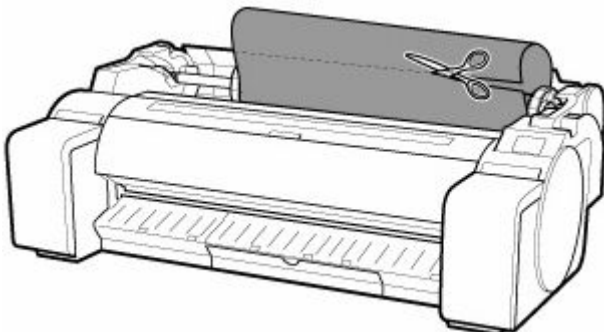
➔ [Turning the Printer On and Off](#)

2. Positioning your hands as shown, open roll paper cover.



3. Cut loaded roll paper with regular scissors or the like.

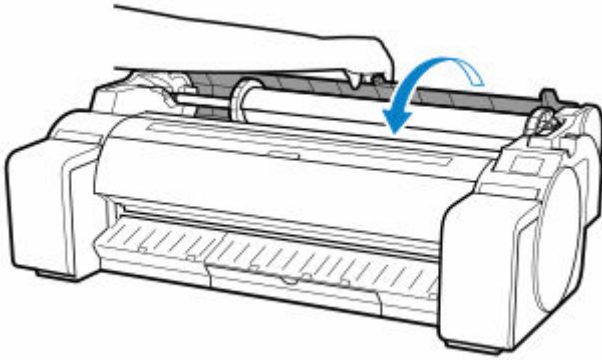
Before cutting, loose the roll paper and lift it up.



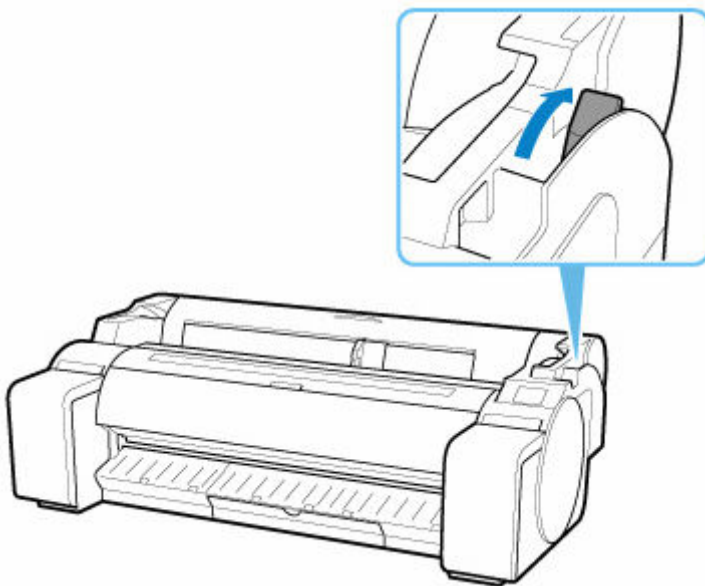
Caution

- When cutting paper, be careful to avoid injury or damage to the printer.
-

4. Holding it at the positions indicated, close roll paper cover.



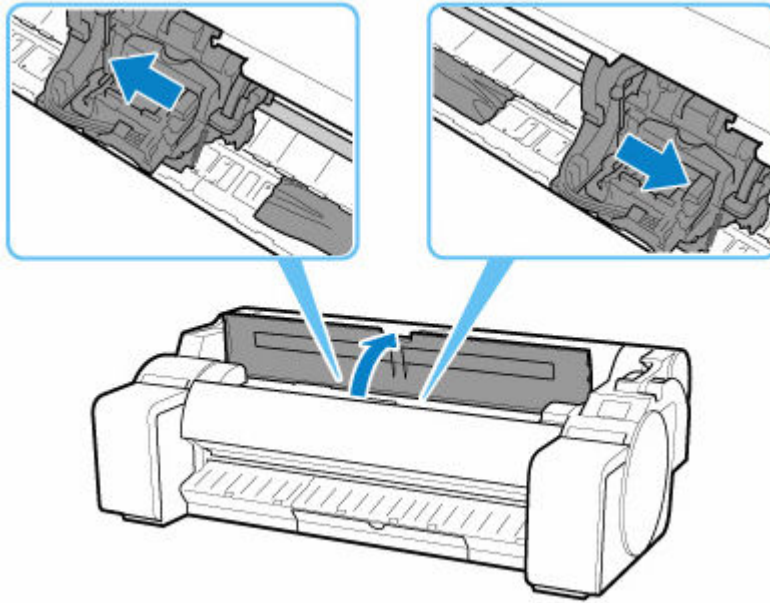
5. Push release lever back.



6. Remove jammed paper.

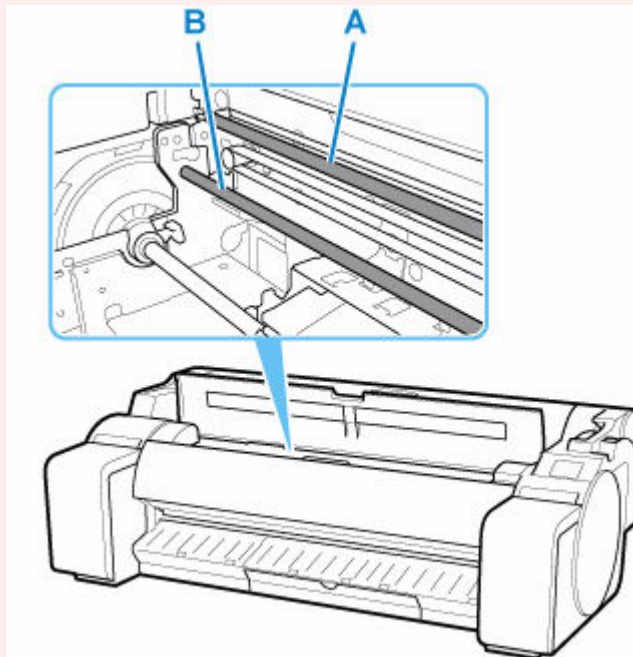
- If paper is jammed inside the top cover

1. Open top cover and move carriage to the left or right side manually, away from the jam.



Important

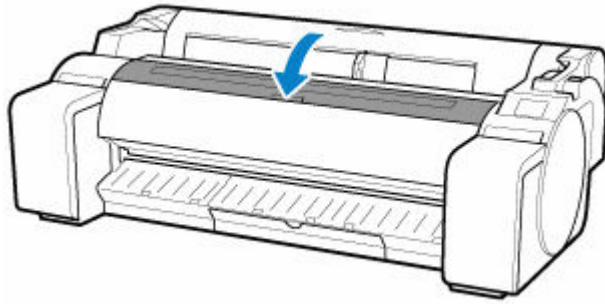
- Do not move the carriage over jammed paper. This may damage the print head.
- Do not touch the linear scale (A) or carriage shaft (B). This may stain your hands and damage the printer.



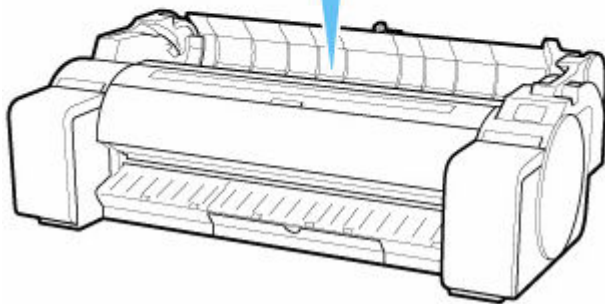
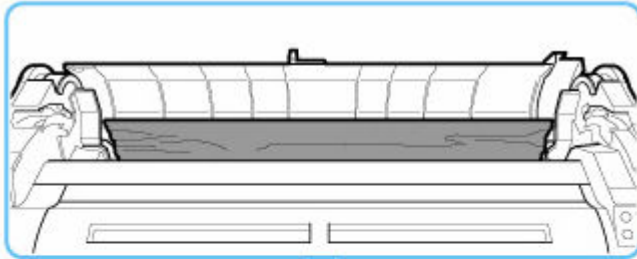
2. Remove any jammed paper inside top cover.

After removing the paper, make sure there are no other scraps of paper in the printer.

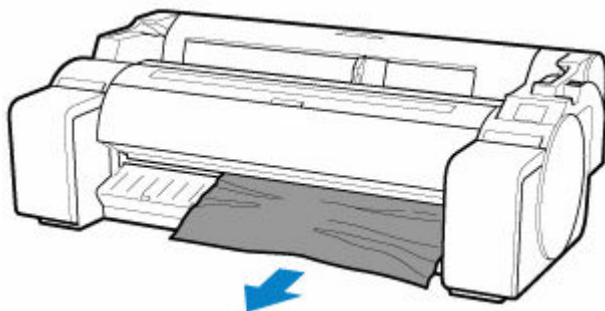
3. Close top cover.



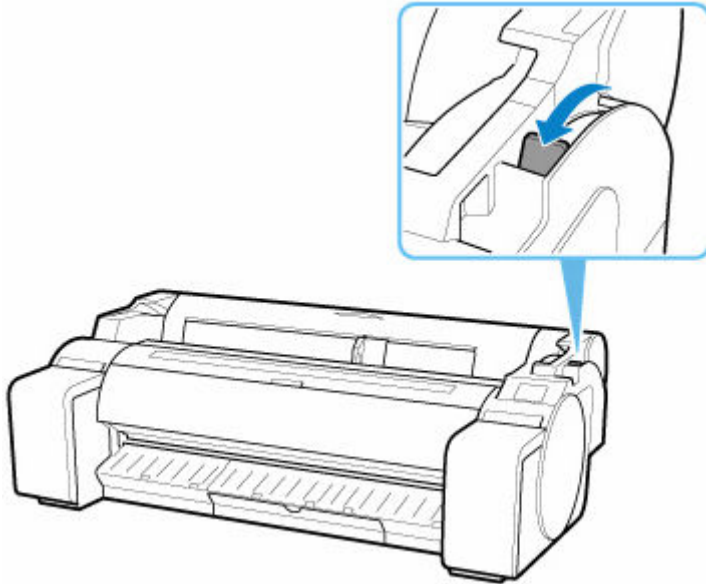
- If the paper from a roll is jammed by the paper feed slot
Remove the jammed paper from the paper feed slot.
After removing the paper, make sure there are no other scraps of paper in the printer.



- If the paper is jammed by the ejection guide
Remove the jammed paper from the output tray.
After removing the paper, make sure there are no other scraps of paper in the printer.



7. Pull release lever forward.



»» Important

- Changing the release lever position while printing is in progress causes paper jam, misaligned lines, or wrong colors. Be careful not to touch the release lever while printing in progress.



Remove a Jammed Sheet

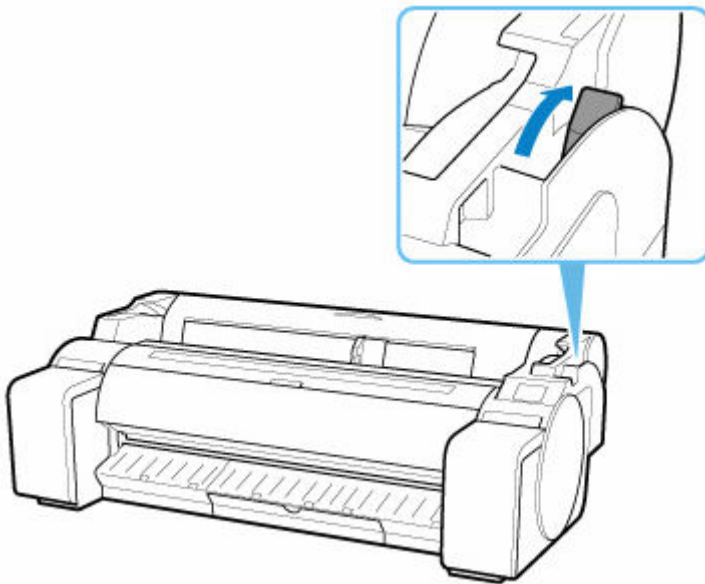


If a sheet jams, follow the steps below to remove it.

1. Turn off printer.

➔ [Turning the Printer On and Off](#)

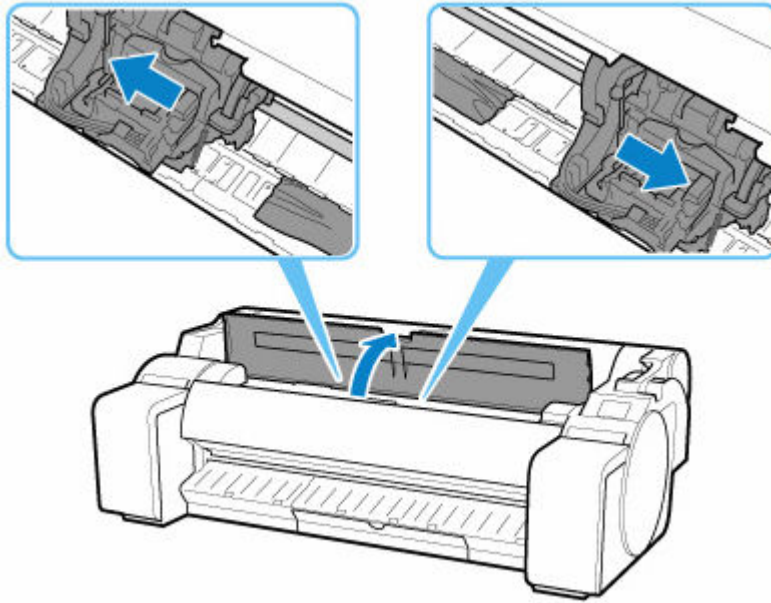
2. Push release lever back.



3. Remove jammed paper.

- If paper is jammed inside the top cover

1. Open top cover and move carriage to the left or right side manually, away from the jam.



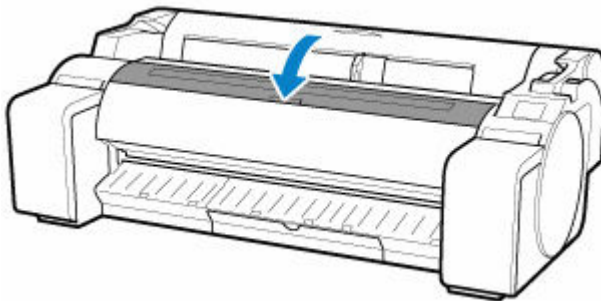
»» Important

- Do not move the carriage over jammed paper. This may damage the print head.

2. Remove any jammed paper inside top cover.

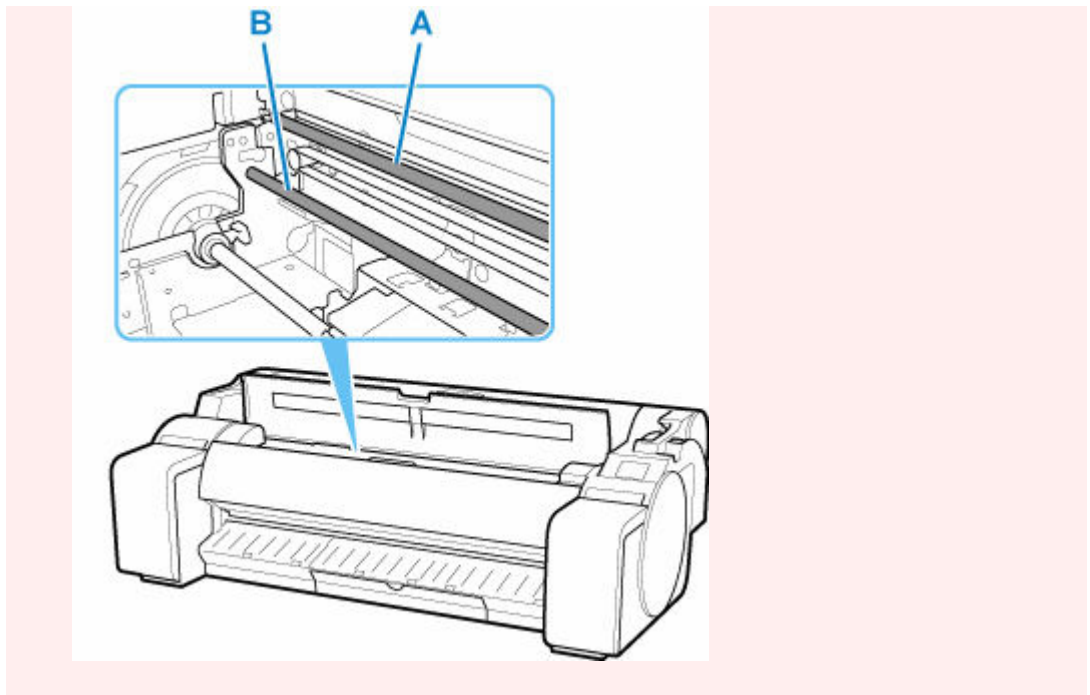
After removing the paper, make sure there are no other scraps of paper in the printer.

3. Close top cover.

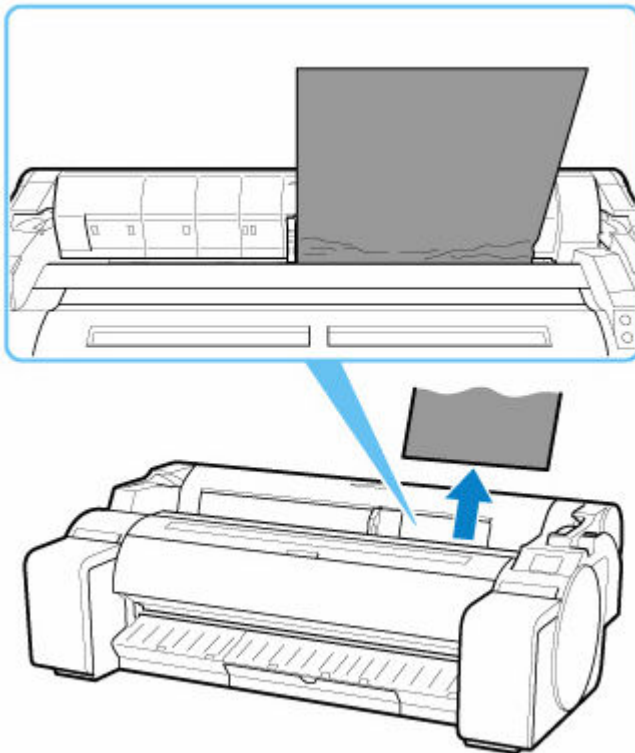


»» Important

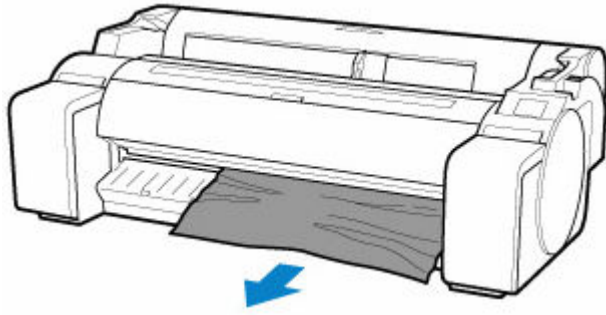
- Do not touch the linear scale (A) or carriage shaft (B). This may stain your hands and damage the printer.



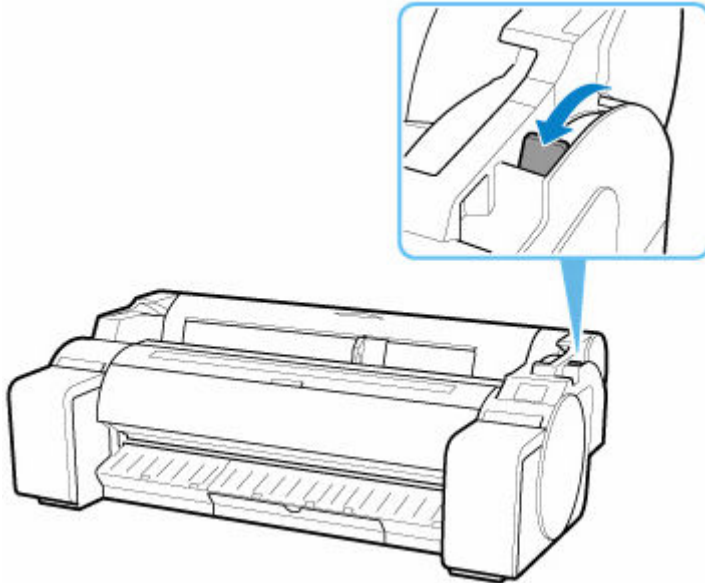
- If the paper is jammed by the paper feed slot
Remove the jammed paper from the paper feed slot.
After removing the paper, make sure there are no other scraps of paper in the printer.



- If the paper is jammed by the ejection guide
Remove the jammed paper from the output tray.
After removing the paper, make sure there are no other scraps of paper in the printer.



4. Pull release lever forward.



»» Important

- Changing the release lever position while printing is in progress causes paper jam, misaligned lines, or wrong colors. Be careful not to touch the release lever while printing in progress.



Remove Jammed Paper (Paper Feed Slot)

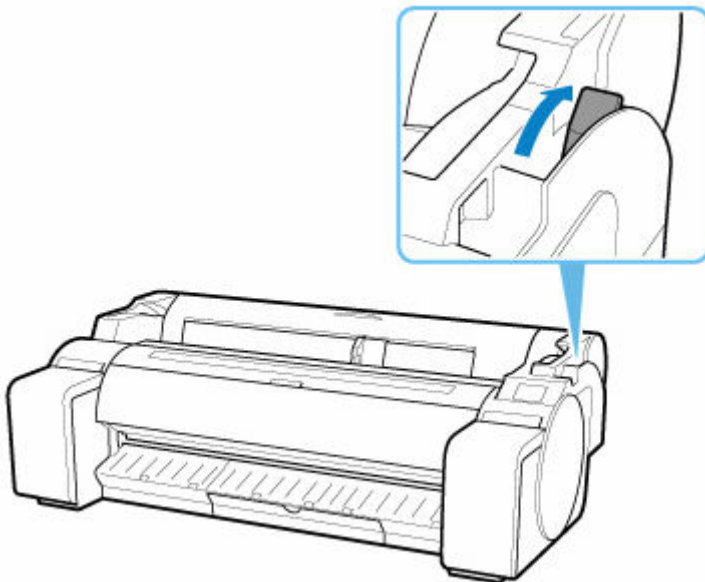


Follow these steps to remove any scraps left in the paper feed slot after you clear jammed sheets or roll paper.

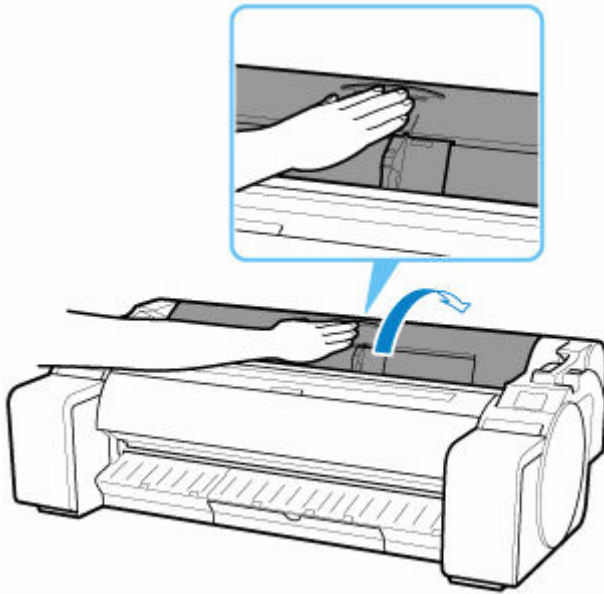
1. Turn off printer.

➔ [Turning the Printer On and Off](#)

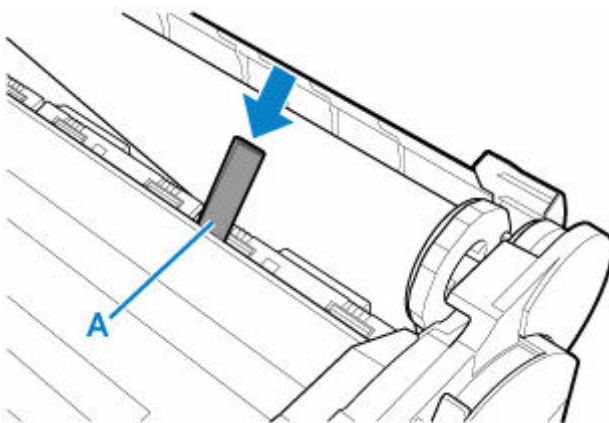
2. Push release lever back.



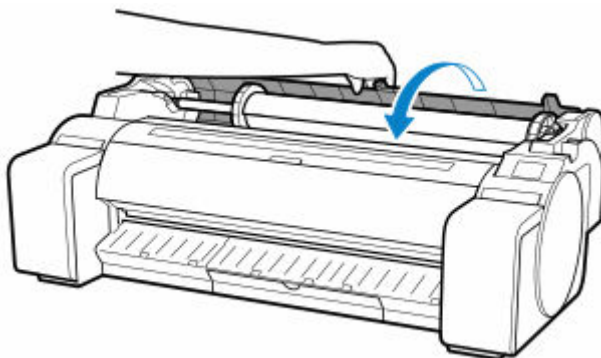
3. Positioning your hands as shown, open roll paper cover.



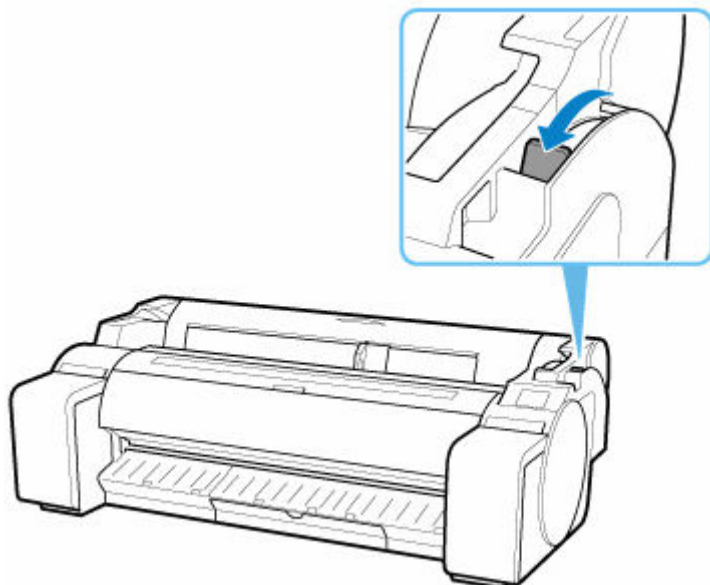
4. Fold an A4 sheet lengthwise four times and insert it through the gap of paper feed slot. Push scrap out toward platen.



5. Remove scrap when it is pushed out onto platen.
6. If any scraps remain inside paper feed slot, repeat steps 4 and 5.
7. Holding it at the positions indicated, close roll paper cover.



8. Pull release lever forward.



▶▶ Important

- Changing the release lever position while printing is in progress causes paper jam, misaligned lines, or wrong colors. Be careful not to touch the release lever while printing in progress.



Roll paper cannot be inserted into the Paper Feed Slot



Check 1 Is the roll paper curled?

Straighten out curls and reload the roll.

Check 2 Is paper jammed in the feed slot?

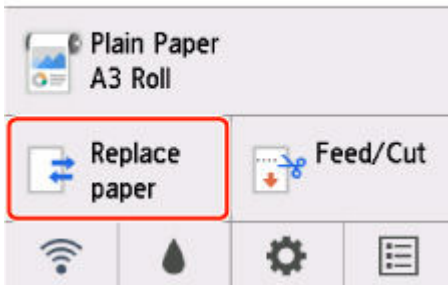
Remove the jammed paper.

- ➔ [Remove Jammed Roll Paper](#)
- ➔ [Remove a Jammed Sheet](#)

Check 3 Check the paper information on the HOME screen.

If "Roll" is not displayed, select **Replace roll paper** or **Load roll paper** from the **Select paper** screen, and then load the roll paper.

Ready to print

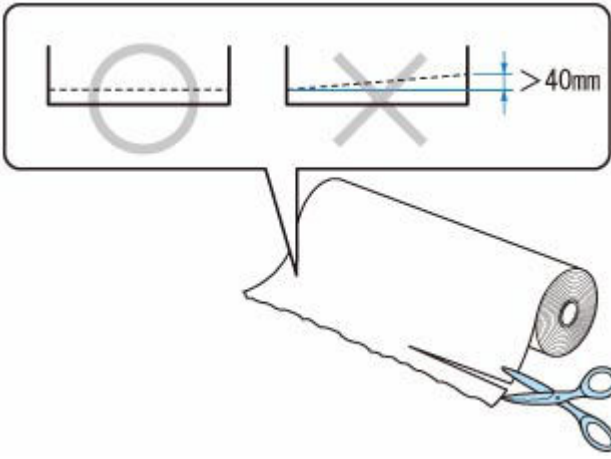


▶▶▶ Note

- You cannot load a roll paper and sheets on the printer at the same time.

Check 4 The leading edge of the roll paper may not be cut properly.

If the leading edge of the roll paper is crooked or folded, the paper may not be fed correctly. Cut the leading edge with scissors to straighten it. If the roll paper has a printed barcode, be careful not to cut the barcode part.





Roll Paper Remains/Lacks under Quantity Management



Check Check the setting of **Manage remaining roll amount**.

- If **Barcodes** is selected for **Manage remaining roll amount**:
 1. Enter **Roll paper length** and tap **OK**.
 2. Select the timing when the warning message appears for **Roll amount warning settings**.
- If **Warning message only** is selected for **Manage remaining roll amount**:

Select the timing to display warning messages for **Roll amount warning settings**.

➔ [Paper-related settings](#)



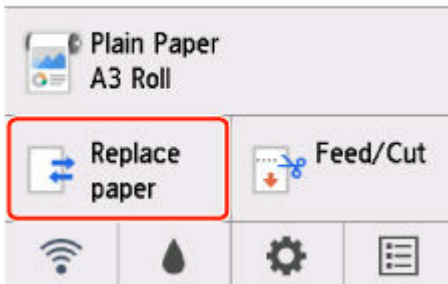
Cannot load sheets



Check Check the paper information on the HOME screen.

If "Roll" is displayed, select **Load cut sheet** from the **Select paper** screen, and then load the sheet.

Ready to print



▶▶▶ Note

- You cannot load a roll paper and sheets on the printer at the same time.



Paper is not cut straight



Check 1 Is the edge of the paper cutting position creased?

Straighten out any curling by the edges of the paper.

Check 2 Is the edge of the paper cutting position lifting up when cutting?

Reload the paper correctly.

Check 3 Is the paper a type that can be cut with the cutter blade?

Set **Cutting mode** in the touch screen menu to **User cut**, then and cut the roll paper with a cutting implement such as scissors.

➔ [Specifying the Cutting Method for Rolls](#)

Check 4 Are you using the basket properly?

Make sure that you are using the basket properly.

➔ [Using the Basket](#)

Check 5 Check that the **Cut speed** setting is correct.

Select **Paper settings** > **Advanced** on **Paper menu** in the touch screen menu, and change **Cut speed**.

If the paper edge cannot be cut straight at the cut starting position, it may be improved by selecting slower cut speed than that selected currently.

If the paper edge cannot be cut straight at the cut ending position, it may be improved by selecting faster cut speed than that selected currently.

Select **Paper settings** > **Advanced** on **Paper menu** in the touch screen menu, and change the **Cut speed** setting.

➔ [Menu Structure](#)

Check 6 Did the printing material slip diagonally while being cut?

Set the **Cutting mode** in the touch screen menu to **Eject cut**, and then hold and cut the material after it has printed.

➔ [Specifying the Cutting Method for Rolls](#)

Check 7 Is the cutter blade attached properly?

Attach the cutter blade properly.

➔ [Replacing the Cutter Blade](#)

Check 8 Is the edge of the cutter blade blunt?

Replace the cutter blade.

➔ [Replacing the Cutter Blade](#)



Paper is not cut



Check 1 Is **Automatic Cutting** in the printer driver set to **No** or **Print Cut Guideline**?

Set the printer driver **Automatic Cutting** setting to **Yes**.

- ➔ [Page Setup Tab Description](#) (Windows)
- ➔ Quality & Media (macOS)

Check 2 Is **Cutting mode** in the touch screen menu set to **Eject cut** or **User cut**?

If **Cutting mode** is set to **Eject cut**, select **Feed/cut** in the touch screen menu and cut the paper.

If **Cutting mode** is set to **User cut**, cut the roll paper with a cutting implement such as scissors.

- ➔ [Specifying the Cutting Method for Rolls](#)

Check 3 Is the cutter blade attached?

Attach the cutter blade.

- ➔ [Replacing the Cutter Blade](#)



Cutter Blade Does Not Work While Cutting Is in Progress



Check 1 Does a message appear on the touch screen?

If the cutter blade failed to cut the paper, it stops moving and a message appears on the touch screen.

Remove the paper and try printing again.

➔ [Remove Jammed Roll Paper](#)

Check 2 Make sure the cutter blade can cut paper used currently.

Select **User cut** for **Cutting mode** in the touch screen menu and cut the roll paper with a cutting implement such as scissors.

➔ [Specifying the Cutting Method for Rolls](#)

Check 3 Check the setting value for **Cut speed**.

Selecting slower value may enable the cutter blade to cut paper.

Tap paper settings display area on Home screen of touch screen, tap the feed slot where the paper to change is set, then tap **Paper settings** > **Advanced** and, change the setting value of **Cut speed**.

➔ [Menu Structure](#)

➔ [Paper-related settings](#)

Check 4 Is the edge of the cutter blade blunt?

Replace the cutter blade.

➔ [Replacing the Cutter Blade](#)



Dent in the Tip of Paper



Check Are you keeping the roll in the printer for a long time without printing on it?

Doing so may leave a dent on the tip of paper and it remains when you print on the paper the next time.

When printing quality is most important, we recommend cutting the paper tip before printing.

On the HOME screen, selecting **Feed/Cut > Cut paper > Yes** enables the printer to cut the paper tip at the shortest length.

➔ [Menu Structure](#)



The size of clear film cannot be detected



Check Is the platen dirty with ink?

Open the top cover and clean the entire platen area.

➔ [Cleaning Inside the Top Cover](#)



Printer Keeps Ejecting the Roll Paper



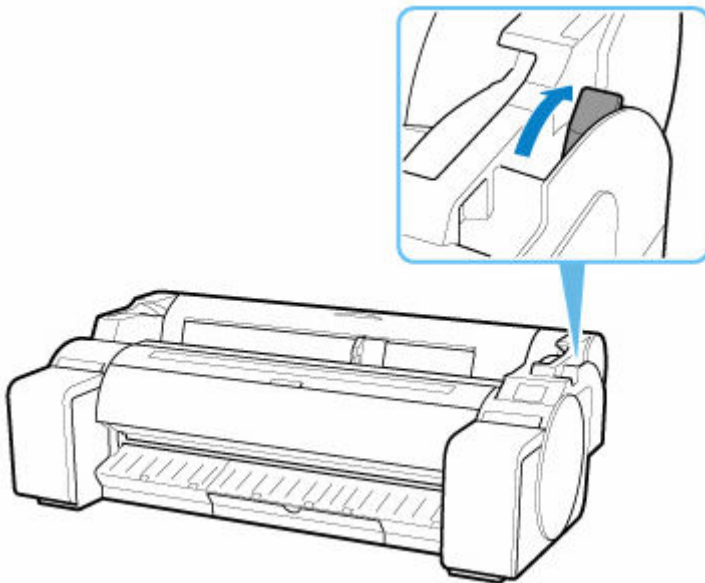
When a sheet is selected on the HOME screen, loading a roll paper with its surface left loose may make the printer recognize the loaded roll paper as a sheet.

In this case, selecting **Remove paper** on **Paper menu** may allow the printer to keep ejecting the paper.

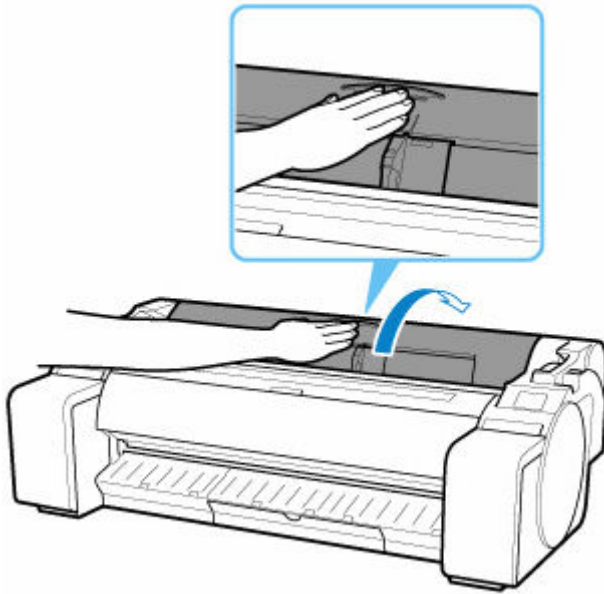
Check the paper feed settings on the printer.

After roll ejection stops, follow these steps to reload the roll.

1. Push release lever back.

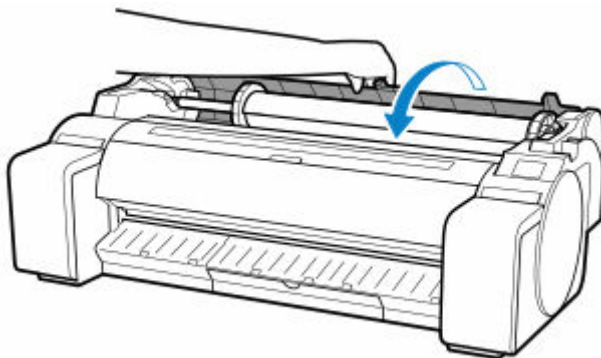


2. Positioning your hands as shown, open roll paper cover.

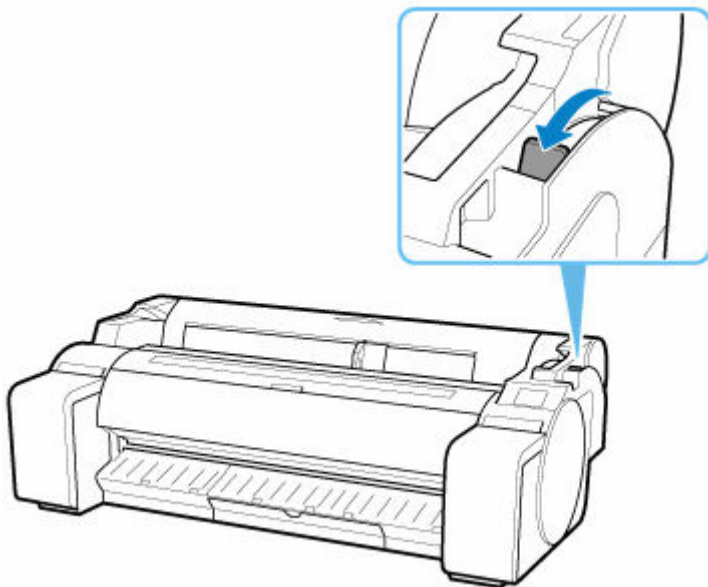


3. Using both hands, rotate the roll holder toward the back to rewind the roll.
At this time, ensure that both ends of the roll are rewound evenly.

4. Holding it at the positions indicated, close roll paper cover.



5. Pull release lever forward.



6. Load roll.

At this time, be sure to press the Load button and select **Load roll paper**.

➡ [Loading Rolls in the Printer](#)



Margins are wide



Check 1 Is auto cut being used on printed material with a wide margin on the trailing edge only?

Rolls are advanced a specific amount before cutting to prevent problems with cutting and paper ejection.

This operation is normal.

The specified length varies depending on the media type and the usage environment (humidity). Please refer to the minimum printing length of the paper from paper information list.

If the length of the printed document is shorter than the minimum cut length, an extra edge margin will be added to increase the length of the printed document to the minimum cut length.

➔ [Paper Information List \(Rolls\)](#)

Check 2 Is leading edge detection set to **Do not detect**?

Do not detect may have been set by responding to the message **Do you want to set to detect the leading edge of the paper?** when **Cutting mode** was set to **User cut** in the touch screen menu.

If the message **Do you want to set to detect the leading edge of the paper?** appears when setting **Cutting mode** to **User cut**, select **Detect (recommended)**.

Please note that if **Detect (recommended)** is selected and the paper has a strong curl, the Print head may rub against the edge of the paper when printing starts.

➔ [Specifying the Cutting Method for Rolls](#)



When printing on roll paper, the printed surface becomes scratched



Make sure the roll paper has not lost tension during printing.

If the roll paper loses tension, the paper surface could be damaged and the paper could wrinkle or fold.

Select **Paper settings > Advanced** on **Paper menu** in the touch screen menu, and set **Roll paper tension (printing)** to **High**.

➔ [Menu Structure](#)

▶▶▶ Note

- Carrying out **Adjust print quality** is recommended when changing **Roll paper tension (printing)** settings.

Printing Does Not Start

- **Printer Suddenly Stopped Working for Some Reason**
- **The Data lamp on the Operation Panel does not light up**
- **The printer does not respond even if print jobs are sent**
- **"Preparing the ink system." is displayed**
- **"Agitating the ink" is displayed**
- **Message Is Displayed and Borderless Printing Fails**

Printer Suddenly Stopped Working for Some Reason

- ➔ [Cannot Connect to a Printer after Network Configuration Changes](#)
- ➔ [Cannot Connect to a Printer via Wi-Fi](#)
- ➔ [Cannot Connect to a Printer through Wireless Direct](#)
- ➔ [Cannot Connect to a Printer via Wired LAN](#)
- ➔ [Cannot Print through Network](#)

Cannot Connect to a Printer after Network Configuration Changes

A

It may take a while for the computer to obtain an IP address, or you may need to restart your computer. Make sure the computer has obtained a valid IP address, and try again to find the printer.

Cannot Connect to a Printer via Wi-Fi

A

Check 1 Check the power status of printer and devices (e.g. wireless router or computer) connected to the network.

Turn on the printer or devices.

If the power is already turned on, turn it off and on again.

It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode, etc.) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.

Check 2 Can you view any web pages on your computer?

Make sure your computer is connected to the wireless router properly.

For more on checking computer settings or connection status, see the instruction manual supplied with the computer or contact the manufacturer.

Check 3 Is the printer connected to the wireless router?

Use the icon on the touch screen to check the connection status between the printer and wireless router. If the



icon is not displayed, Wi-Fi is disabled. Turn on wireless communication on the printer.

Check 4 Make sure the printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the printer, print out the network setting information.

➡ [Printing Network Settings](#)

➤➤➤ Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
Select the link below to download IJ Network Device Setup Utility and install it.
 - ➡ [Checking Printer Connection Status Using IJ Network Device Setup Utility](#)

Check 5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

➤➤➤ Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check 6 Make sure wireless signal is strong. Monitor signal status and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

➤➤➤ Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
Select the link below to download IJ Network Device Setup Utility and install it.
 - ➡ [Checking Printer Connection Status Using IJ Network Device Setup Utility](#)

Check 7 Make sure of the Wi-Fi channel numbers used for your computer.

You need to have the same Wi-Fi channel number that you are using for the wireless router as your computer. It is normally set in the way that you can use all the Wi-Fi channels. However, when the channels that you are using are restricted, the Wi-Fi channels do not match.

See the instruction manual provided with your computer and check the Wi-Fi channel number available for your computer.

Check 8 Make sure channel set on wireless router is a usable channel as confirmed in Check 7.

If it is not, change the channel set on the wireless router.

Check 9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings.

Check 10 If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network identifier (SSID). (macOS)

If the problem is not resolved, redo setup.

- For Windows:
Perform setup using the Setup CD-ROM or from Setup Guide.
- For macOS:
Perform setup from Setup Guide.

Cannot Connect to a Printer through Wireless Direct

Check 1 Check the power status of printer and other devices (smartphone or tablet).

Turn on the printer or devices.

If the power is already turned on, turn it off and on again.

Check 2 Is the  icon displayed on the touch screen?

If not, Wireless Direct is disabled. Turn on Wireless Direct.

Check 3 Check the settings of your device (smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check 4 Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the identifier for Wireless Direct (SSID) specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

To check the identifier for wireless direct (SSID) specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

Check 5 Have you entered the proper password specified for the Wireless Direct?

To check the password specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

Check 6 Make sure the printer is not placed too far away from the device.

If the distance between the printer and device is too far, wireless communication becomes poor. Place the printer and device close to each other.

Check 7 Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.



Cannot Connect to a Printer via Wired LAN



Check 1 Make sure the printer is turned on.

Check 2 Make sure the LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

If the problem is not resolved, redo setup.

- For Windows:

Perform setup using the Setup CD-ROM or from Setup Guide.

- For macOS:

Perform setup from Setup Guide.

Cannot Print through Network

A

Check 1 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

Check 2 If the printer driver is not installed, install it. (Windows)

Install the printer driver using the Setup CD-ROM or install it from [here](#).

Check 3 When using Wi-Fi, make sure wireless router does not restrict which computers can access it.

For more on connecting to and setting up your wireless router, see the wireless router instruction manual or contact its manufacturer.



The Data lamp on the Operation Panel does not light up



Check 1 Does the printer have power?

Check that the power cord is firmly plugged all the way in. Turn on the power to the printer.

Check 2 Was the correct printer selected?

In Windows, select the printer by clicking **Select Printer** or **Printer** in the printing dialog box and try printing again.

In macOS, open the dialog box of the printer driver, select the printer from the list of **Printer**, and try printing again.

Check 3 Is the print job paused?

In Windows, restart the print job as follows.

1. Select the printer icon in the **Devices and Printers** window.
2. Clear **Pause Printing** in the **Printer** menu to restart the print job.

In macOS, restart the print job as follows.

1. Click **Print & Scan** (or **Print & Fax**).
2. Select the printer, and then **Resume Printer** (or **Start Jobs**) in the **Printers** menu to restart the print job.



The printer does not respond even if print jobs are sent



Check 1 Is **Pause printing** set to **Enable**?

Set **Pause printing** on the touch screen menu to **Disable**.

➔ [Pausing Printing](#)

Check 2 Is USB or LAN connection disabled?

- For USB connection:

Set **Use USB connection** on the touch screen menu to **Use**.

- For LAN connection (wired/Wi-Fi/Wireless Direct):

Set **Enable/disable Wired LAN**, **Enable/disable Wi-Fi**, or **Enable/disable Wireless Direct** on the touch screen menu to **Enable**.

➤➤➤ **Note**

- You cannot enable wired LAN and Wi-Fi or Wireless Direct at the same time.

Check 3 Is **Save to job box** selected as the printer **Output method**?

Print the job saved on the printer's hard disk.

➔ [Printing Saved Jobs](#)

Check 4 Is the print job pending?

Manage the jobs on hold and print as needed.

➔ [Printing Pending Jobs](#)



"Preparing the ink system." is displayed



The Print head and sub-ink tank are being filled with ink.

Wait until the system has been filled with ink.

»» Note

- This message might appear if you force the power off while the printer is operating.
Always follow the correct procedure when turning off the power.
➔ [Turning the Printer On and Off](#)



"Agitating the ink" is displayed



Ink agitation is in progress.

Please wait until ink agitation is finished.

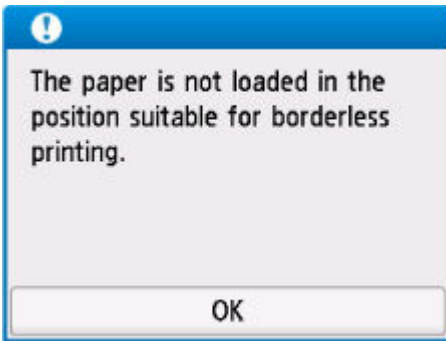
Agitation time varies depending on time elapsed since powering off (approximately 30 seconds to 2 minutes).



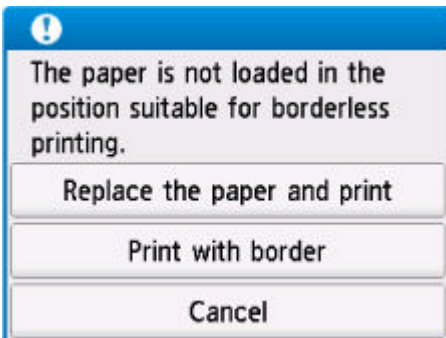
Message Is Displayed and Borderless Printing Fails



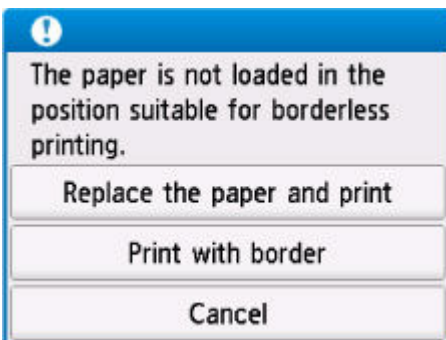
For information on possible solutions, refer to the link for each message.



➔ [4114](#)



➔ [4116](#)



➔ [4913](#)

The Printer Stops During a Print Job

- **Printing stops and an error message is displayed**
- **The printer ejects blank, unprinted paper**



Printing stops and an error message is displayed



If the action indicated in the error message does not solve the problem, the roll paper may not be able to be advanced and may be stuck.

Check 1 Is the loaded roll paper touching printer parts, etc.?

If the loaded roll paper is touching printer parts, load the roll paper again.

➔ [Removing the Roll from the Printer](#)

Check 2 Is the roll paper proper to use?

Check the outer diameter and paper thickness of the roll paper that can be used with your printer.

➔ [Paper Sizes](#)



The printer ejects blank, unprinted paper



Check 1 The leading edge of the roll paper may have been trimmed.

The leading edge of the roll paper may be trimmed if **Trim edge first** is not set to **Off** or **Manual** in the touch screen menu.

➔ [Cutting the Leading Edge of Roll Paper Automatically](#)

Check 2 Is the Print head nozzle blocked?

Print a nozzle check pattern to check the Print head status.

➔ [Checking for Nozzle Clogging](#)

Check 3 Is the correct printer driver selected?

Print again using the correct printer driver for your printer.

Check 4 When you print data including HP RTL command, check the settings below in the touch screen menu.

- Set **Auto rotation** to **OFF**.
- If **Rotate** is set to **90 degrees**, select **0 degrees** and start printing.

➔ [Menu Structure](#)

If none of the above apply, there may be a printer malfunction.

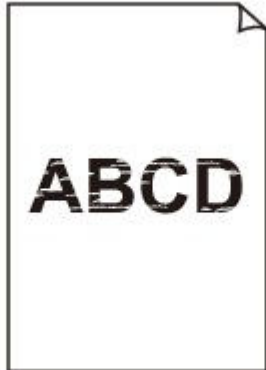
Contact your Canon dealer for assistance.

Problems with the Printing Quality

- **Printing is faint**
- **Paper rubs against the Print Head**
- **The edges of the paper are dirty**
- **The surface of the paper is dirty**
- **The back side of the paper is dirty**
- **Immediately after borderless printing, the trailing edge margin is soiled during regular printing**
- **Printed colors are inaccurate**
- **Banding in different colors occurs**
- **Colors in printed images are uneven**
- **Image edges are blurred or white banding occurs**
- **The length of the printed image in the paper ejection direction is not accurate**
- **Images are printed crooked**
- **Documents are printed in monochrome**
- **Line thickness is not uniform**
- **Lines or colors are misaligned**
- **Borders appear in borderless printing**



Printing is faint



Check 1 Is the reverse side of the paper being used for printing?

Print on the printing surface.

Check 2 Is the Print head nozzle blocked?

Print a test pattern to check the nozzles and see if they are clogged.

➔ [Checking for Nozzle Clogging](#)

▶▶▶ Note

- To automatically check for nozzle blockages after printing, set **Auto nozzle check** in the touch screen menu to a setting other than **Disable**.

To show warnings based on nozzle check results, set **Nozzle check error display** in the touch screen menu to **Enable**.

However, printing may be stopped by warnings if this setting is set to **Enable**.

➔ [Menu Structure](#)

Check 3 Was the printer left with the ink tank out?

The ink supply may become blocked by ink if the ink tank is left out.

If this happens, leave the printer for at least 24 hours with the ink tank in, and then carry out **Print Head Cleaning**.

➔ [Cleaning the Print Head](#)

Check 4 Are paper scraps stuck in the top cover?

Remove paper scraps left inside the top cover.

➔ [Remove Jammed Roll Paper](#)

➔ [Remove a Jammed Sheet](#)

Check 5 Was the paper cut before the ink dried?

Set a longer **Ink drying wait time** in **Advanced paper settings** in the touch screen menu.

➔ [Menu Structure](#)

Check 6 Is the printer driver **Print Quality** set to a low quality setting?

Follow the steps below to set **Print Quality** to higher quality settings, and then print.

- Windows

Change the **Print Quality** settings in the printer driver **Advanced Settings**.

➔ [Changing the Print Quality and Correcting Image Data](#) (Windows)

- macOS

Change the **Print Quality** in the printer driver **Quality & Media** settings.

➔ [Changing the Print Quality and Correcting Image Data](#) (macOS)

Check 7 Does the paper used for printing create a lot of cutting dust?

In the touch screen menu, set **Cut-dust reduction** in **Advanced paper settings** to **ON**.

➔ [Reducing Dust from Cutting Rolls](#)



Paper rubs against the Print Head



Check 1 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

1. To stop printing, press the **Stop** button.
2. Change the paper type in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
 - ➔ [Printing with Easy Setup](#)

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 3 Is the paper loaded properly?

If not loaded properly, paper can buckle and rub against the Print head.

Reload the paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 4 Is the Print head height set too low?

Set **Paper thickness (head height)** in the touch screen menu to the value higher than the current one.

- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Check 5 Is the paper thick, or a type that curls easily or is prone to buckling after absorbing ink?

If using paper-based printing material such as Heavyweight Coated Paper, set **Transport unit vacuum strength** in the touch screen menu to **Medium-strong** or **Strong**.

If that does not resolve the problem, increase the **Paper thickness (head height)** setting in the touch screen menu.

- ➔ [Adjusting Vacuum Strength](#)
- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

If using film-based printing material such as CAD Tracing Paper, set the **Transport unit vacuum strength** in the touch screen menu to **Standard**, **Medium-strong**, or **Strong**.

If that does not resolve the problem, increase the **Paper thickness (head height)** setting in the touch screen menu.

- ➔ [Adjusting Vacuum Strength](#)
- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

If using paper thinner than 0.004 inches (0.1 mm), set **Transport unit vacuum strength** in the touch screen menu to **Weak**.

If that does not resolve the problem, increase the **Paper thickness (head height)** setting in the touch screen menu.

- ➔ [Adjusting Vacuum Strength](#)
- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Check 6 Does the paper have a strong curl at the front edge or is it buckled?

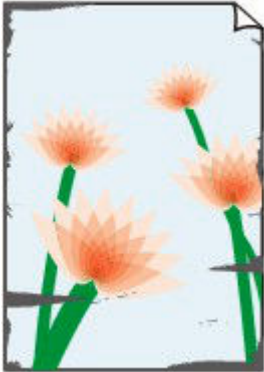
Set **Cutting mode** in the touch screen menu to **User cut**, and set leading edge detection to **Do not detect**.

In this case, to keep track of the amount of remaining roll paper, set **Manage remaining roll amount** to **OFF** before loading the roll paper, and then restore the setting of **Manage remaining roll amount** to **ON** after the roll paper is loaded.

- ➔ [Specifying the Cutting Method for Rolls](#)
- ➔ [Keeping Track of the Amount of Roll Paper Left](#)



The edges of the paper are dirty



Check 1 Was printing borderless or on small paper?

The platen may become dirtied by borderless printing or on small paper sizes.

Open the top cover and clean the platen.

➔ [Cleaning Inside the Top Cover](#)

Check 2 Is **Extension for borderless printing** set to a large value?

The platen may become dirtied by setting a large amount of extension.

Reduce the value of **Extension for borderless printing**.

➔ [Specifying the Amount of Extension for Borderless Printing](#)

Check 3 Is the media type specified in the printer driver the same as the media type in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

➔ [Loading Rolls in the Printer](#)

➔ [Loading Sheets in the Printer](#)

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

1. To stop printing, press the **Stop** button.
2. Change the type of paper in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.

➔ [Printing with Easy Setup](#)

Check 4 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 5 Is the paper creased or curled?

Straighten out the wrinkles or curls and reload the paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 6 In the touch screen menu, is **Cut-dust reduction** in **Advanced paper settings** set to **ON**?

A cut dust reduction line is printed at the paper cut position when **Cut-dust reduction** is set to **ON**.

If cutting dust reduction is not required, set **Cut-dust reduction** to **OFF**.

- ➔ [Menu Structure](#)

Check 7 Is the Print head height set too low in the touch screen menu?

Set **Paper thickness (head height)** to the value higher than the current one.

- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Check 8 Is the paper thick, or a type that curls easily or is prone to buckling after absorbing ink?

If using paper-based printing material such as thick-coat paper, set **Transport unit vacuum strength** in the touch screen menu to **Medium-strong** or **Strong**.

If that does not resolve the problem, increase the **Paper thickness (head height)** setting in the touch screen menu.

- ➔ [Adjusting Vacuum Strength](#)
- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

If using film-based printing material such as tracing paper, set the **Transport unit vacuum strength** in the touch screen menu to **Standard**, **Medium-strong**, or **Strong**.

If that does not resolve the problem, increase the **Paper thickness (head height)** setting in the touch screen menu.

- ➔ [Adjusting Vacuum Strength](#)
- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

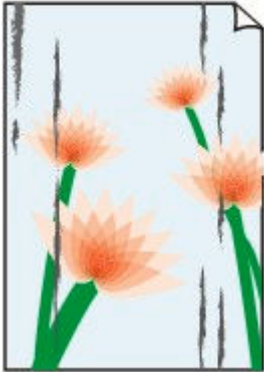
Check 9 Is the output guide clean?

Clean the output guide.

➔ [Cleaning the Printer Exterior](#)



The surface of the paper is dirty



Check 1 Is the paper retainer clean?

Clean the paper retainer.

➔ [Cleaning Inside the Top Cover](#)

Check 2 If using plain papers, is the media type set to **Plain papers**?

Set the media type to **PlainP(Instant-dry)** for improved quick-drying.

➔ [Changing the Type of Paper](#)

Check 3 Does this paper take longer to dry?

Increase the length of the **Pause between pages** and **Pause between scans** settings from the touch screen menu.

➔ [Menu Structure](#)

▶▶▶ Note

- When printing on paper that takes longer to dry, the paper may curl during printing and come in contact with the output tray.

In such situations, set an **Ink drying wait time** and an **Ink drying target area** for **Pause between scans** in the touch screen menu.

However, note that printing will now take longer.

➔ [Menu Structure](#)

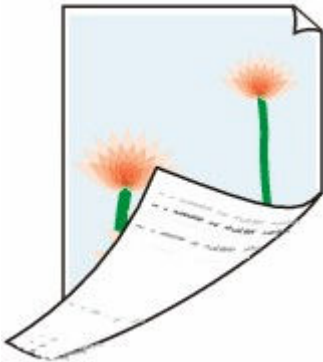
▶▶▶ Note

- In a hot and humid environment, rolling paper printed with images containing areas of saturated color may transfer ink to the contact surface, affecting print quality.

Move the printer to a different environment, or let the paper dry before rolling it.



The back side of the paper is dirty



Check 1 Was the previous print job borderless, or printed on small paper?

Open the top cover and clean the platen.

➔ [Cleaning Inside the Top Cover](#)

Check 2 Is **Detect paper width** in the touch screen menu set to **Disable**?

Printing with **Detect paper width** set to **Disable** may cause the platen to be dirtied.

Set **Detect paper width** in the touch screen menu to **Enable**, and then open the top cover and clean the platen.

➔ [Cleaning Inside the Top Cover](#)

To continue printing with **Detect paper width** set to **Disable**, first open the top cover and clean the platen, and then manually feed roll paper over the platen when printing.

➔ [Cleaning Inside the Top Cover](#)

➔ [Feeding Roll Paper Manually](#)

Check 3 Paper may be gripped weakly over the platen.

Set a higher **Transport unit vacuum strength** in the touch screen menu.

➔ [Adjusting Vacuum Strength](#)

Check 4 Is the setting of **Extension for borderless printing** in the touch screen menu large?

The platen may become dirtied by setting a large amount of extension.

Reduce the setting of **Extension for borderless printing** in the touch screen menu to less than the current setting.

➔ [Menu Structure](#)

Check 5 If using plain papers, is the media type set to **Plain papers**?

Set the media type to **PlainP(Instant-dry)** for improved quick-drying.

➔ [Changing the Type of Paper](#)

Check 6 Does this paper take longer to dry?

Increase the length of the **Pause between pages** and **Pause between scans** settings from the touch screen menu.

➔ [Menu Structure](#)

▶▶▶ Note

- When printing on paper that takes longer to dry, the paper may curl during printing and come in contact with the output tray.

In such situations, set an **Ink drying wait time** and an **Ink drying target area** for **Pause between scans** in the touch screen menu.

However, note that printing will now take longer.

➔ [Menu Structure](#)

▶▶▶ Note

- If the platen is dirty, open the top cover and clean the platen.
- In a hot and humid environment, rolling paper printed with images containing areas of saturated color may transfer ink to the contact surface, affecting print quality.

Move the printer to a different environment, or let the paper dry before rolling it.



Immediately after borderless printing, the trailing edge margin is soiled during regular printing



In some situations, borderless printing with automatic cutting of the leading and trailing edges on roll paper may transfer ink on the cutter blade to the next item printed.

Follow the steps below to change **Between Pages** in **Drying Time** to between 30 seconds and 3 minutes and perform borderless printing.

- Windows

- 1.** Click **Specify** for **Media Type** on the **Main** sheet of the printer driver.

- 2.** Select an ink drying time from the **Between Pages** list in **Drying Time**.

- macOS

Select an ink drying time from the **Drying Time** list on the **Advanced Paper Settings** sheet of the printer driver.



Printed colors are inaccurate



Check 1 Is the Print head nozzle blocked?

Print a test pattern to check the nozzles and see if they are clogged.

➔ [Checking for Nozzle Clogging](#)

Check 2 Has color been adjusted in the printer driver?

Follow the steps below to adjust color settings.

- Windows

Adjust the color settings with **Color Mode > Color Settings** in **Advanced Settings** in the printer driver.

➔ [Main Tab Description](#) (Windows)

- macOS

Adjust the color settings in the printer driver **Color Options**.

➔ [Color Options](#) (macOS)

Check 3 Is **Application Color Matching Priority** set to **Off** in a Windows printer driver?

In the printer driver **Layout** sheet, click **Special Settings**, and then set **Application Color Matching Priority** to **On** in the dialog box that appears.

➔ [Layout Tab Description](#) (Windows)

Check 4 Has the computer or monitor color been adjusted?

Take the actions below.

- Refer to the computer and monitor documentation to adjust the colors.

- Adjust the settings of the color management software, referring to the software documentation as needed.

Check 5 Color varies even between printers of the same model due to differences in firmware and printer driver versions, settings, or environment.

Follow these steps to prepare the printing environment.

1. Use the same version of firmware or printer driver.
2. Specify the same value for all settings items.



Banding in different colors occurs



Check 1 Make sure that the Print head nozzle is not blocked

Print a test pattern to check the nozzles and see if they are clogged.

➔ [Checking for Nozzle Clogging](#)

▶▶▶ Note

- To automatically check for nozzle blockages after printing, set **Auto nozzle check** in the touch screen menu to a setting other than **Disable**.

To show warnings based on nozzle check results, set **Nozzle check error display** in the touch screen menu to **Enable**.

However, printing may be stopped by warnings if this setting is set to **Enable**.

➔ [Menu Structure](#)

Check 2 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

➔ [Loading Rolls in the Printer](#)

➔ [Loading Sheets in the Printer](#)

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

1. To stop printing, press the **Stop** button.
2. Change the type of paper in the printer driver and try printing again.

»» Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
 - ➔ [Printing with Easy Setup](#)

Check 3 Does the paper loaded on the printer match the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 4 Has the paper feed rate been calibrated properly?

Adjust the feed amount.

- ➔ [Adjusting Feed Amount](#)

Check 5 Low **Print Quality** setting causing lines in the printing

Follow the steps below to set **Print Quality** to the highest quality setting, and then print.

- Windows
 - Change the **Print Quality** settings in the printer driver **Advanced Settings**.
 - ➔ [Changing the Print Quality and Correcting Image Data](#) (Windows)
- macOS
 - Change the **Print Quality** in the printer driver **Quality & Media** settings.
 - ➔ [Changing the Print Quality and Correcting Image Data](#) (macOS)

Check 6 Is **Set priority** in the touch screen menu set to **Prioritize length accuracy**?

Setting **Set priority** to **Prioritize print quality** and adjusting the feed amount can help.

- ➔ [Adjusting Feed Amount](#)

Check 7 Check if the Print head is in the right position

Adjust the Print head position.

- ➔ [Automatic Adjustment to Straighten Lines and Colors](#)

Check 8 Print job may have been interrupted while receiving, and therefore not printed at a fast frame rate

Exit other applications and cancel other print jobs.



Colors in printed images are uneven



Check 1 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, press the **Stop** button.
2. Change the paper type in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
 - ➔ [Printing with Easy Setup](#)

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 3 Is the Print head position adjusted correctly?

Adjust the Print head position.

➔ [Automatic Adjustment to Straighten Lines and Colors](#)

Check 4 Is the feed amount adjusted correctly?

Adjust feed amount.

➔ [Adjusting Feed Amount](#)

Check 5 Colors in printed images may be uneven if the **Print Quality** setting is too low

If using Windows, select **Advanced Settings** from the **Main** tab of the printer driver, and then select a higher **Print Quality** setting.

If using macOS, select **Quality & Media** in the printer driver, and then select a higher **Print Quality** setting.

➔ [Changing the Print Quality and Correcting Image Data](#) (Windows)

➔ [Changing the Print Quality and Correcting Image Data](#) (macOS)

Check 6 Colors in printed images may be uneven on the boundary between shades if there are dark and light areas in an image

Prints on the same page while switching between Bidirectional printing and Unidirectional printing. Therefore, color unevenness may occur when switching. Using the unidirectional printing function may reduce color unevenness in this situation.

Follow the steps below for unidirectional printing.

- Windows

Open **Paper Detailed Settings** from the **Main** tab of the printer driver, and then select **Unidirectional Printing**.

- macOS

Open **Advanced Paper Settings** in the printer driver, and then select **Unidirectional Printing**.

Check 7 If printing borderless, colors in printed images may be a little uneven at the leading edge of the paper because printing is interrupted to cut the paper

Set the printer driver **Automatic Cutting** settings to **No**, and then print. Doing this prints only the left and right sides borderless. Cut the top and bottom borders with a cutting implement such as scissors after the printed materials are output and cut.

➤➤➤ Note

- Selecting a higher **Print Quality** in the printer driver **Advanced Settings** may resolve the problem.

➔ [Changing the Print Quality and Correcting Image Data](#) (Windows)

➔ [Changing the Print Quality and Correcting Image Data](#) (macOS)

Check 8 Does this paper curl easily?

Colors in printed images may be uneven at the leading edge of paper that curls easily. Change the **Transport unit vacuum strength** in the touch screen to increase the grip on the paper, or set a margin of at least 0.8 inches (20 mm) at the front edge of the paper.

➔ [Adjusting Vacuum Strength](#)

Check 9 Color may be uneven if printing materials were stacked while drying

To avoid uneven colors, we recommend drying each sheet separately.

Check 10 Is Ink drying target area for Pause between scans in the touch screen menu set to Leading edge?

If the **Ink drying target area** for **Pause between scans** is set to **Leading edge**, color may be uneven approximately 4.3 to 6.3 inches (110 to 160 mm) from the front edge of the paper. (The position depends on the **Print Quality** settings)

On the home screen of the touch screen, tap the paper setting display area, tap the paper feed slot where the paper whose settings to change is set, and then tap **Paper settings > Advanced > Pause between scans > Ink drying target area** and set to **Overall**.

However, note that printing will now take longer.

➔ [Menu Structure](#)

Check 11 Make sure you are not printing cut sheet with AirPrint (macOS)

When you print cut sheets with AirPrint, uneven or streaked colors may occur at the trailing edge of the sheet. To print cut sheets with AirPrint. From the touch screen menu, tap **Printer settings > Paper-related settings > Keep margin at cut sheet end**.

➔ [Menu Structure](#)

▶▶▶ Note

- Set **Keep margin at cut sheet end** to **Enable** to increase the margin at the trailing edge of the sheet.



Image edges are blurred or white banding occurs



Check 1 Paper may be gripped too strongly over the platen.

Set a lower **Transport unit vacuum strength** in the touch screen menu.

➔ [Adjusting Vacuum Strength](#)

Check 2 Check if the Print head is in the right position.

For detailed printing of small text or fine lines on glossy or semi-gloss photo paper or proof paper, etc., set the Print head to the optimal height and then adjust the position of the Print head.

➔ [Adjusting the Print Head](#)

Setting a lower value for **Paper thickness (head height)** in the touch screen menu may resolve the problem.

➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Check 3 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

➔ [Loading Rolls in the Printer](#)

➔ [Loading Sheets in the Printer](#)

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, press the **Stop** button.
2. Change the paper type in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.

- Click **Get Information** to reflect the paper information set in the printer to the printer driver.

➔ [Printing with Easy Setup](#)

Check 4 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

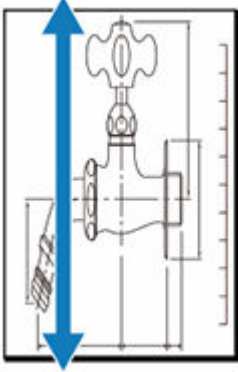
Select the correct media type in the touch screen menu when loading paper in the printer.

➔ [Loading Rolls in the Printer](#)

➔ [Loading Sheets in the Printer](#)



The length of the printed image in the paper ejection direction is not accurate



Check 1 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, press the **Stop** button.
2. Change the paper type in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
 - ➔ [Printing with Easy Setup](#)

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 3 Perform print quality adjustment to automatically adjust the feed amount.

Perform **Adjust print quality** from **Paper feed adjustment** and **Print alignment pattern** to automatically adjust the feed amount.

➔ [Automatic Banding Adjustment](#)

Check 4 Is **Set priority** for **Paper feed adjustment** in the touch screen menu set to **Prioritize print quality**?

Set **Set priority** for **Paper feed adjustment** to **Prioritize length accuracy**, and then carry out **Adjust feed length**.

➔ [Adjusting Feed Amount](#)



Images are printed crooked



Check 1 Has the roll paper been loaded at an angle?

If there is a gap between the roll paper and roll holder, reload the roll on the roll holder.

➔ [Loading Rolls on the Roll Holder](#)

Check 2 Is **Detect paper width** set to **Disable**?

Set **Detect paper width** in the touch screen menu to **Enable** to load the paper.

➔ [Menu Structure](#)

Check 3 Is **Skew detection accuracy** in the touch screen menu set to **Loose** or **OFF**?

Set **Skew detection accuracy** to **Standard**, and then reload the paper.

➔ [Menu Structure](#)



Documents are printed in monochrome



Check 1 Is **Color Mode** set to **Monochrome**, or **Print Target** set to **Monochrome (Photo)** in a Windows printer driver?

In the **Advanced Settings** of the printer driver, specify **Color** in **Color Mode** and try printing again.

Check 2 Is **Black and White Photo Print** selected in a macOS printer driver?

Deselect **Black and White Photo Print** in the printer driver **Quality & Media** settings, and then print again.

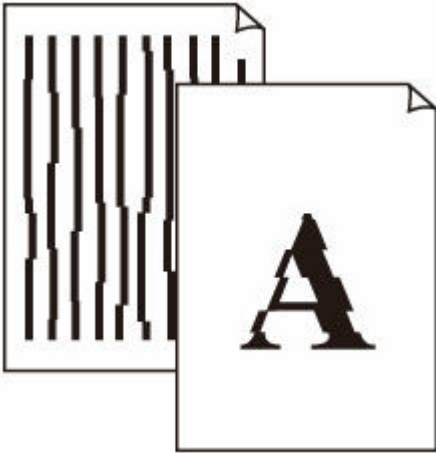
Check 3 The print head nozzle may be blocked

Print a test pattern to check the color ink nozzles and see if they are clogged.

➔ [Checking for Nozzle Clogging](#)



Line thickness is not uniform



Check 1 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, press the **Stop** button.
2. Change the paper type in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
 - ➔ [Printing with Easy Setup](#)

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

Check 3 Adjust the position of the Print head

If the printed result does not look uniform, such as when the lines are misaligned, adjust the position of Print Head.

- ➔ [Automatic Adjustment to Straighten Lines and Colors](#)
- ➔ [Manual Adjustment to Straighten Lines and Colors](#)

For photo paper and proof paper, it may be improved by setting **Paper thickness (head height)** to a value lower than the current setting and then adjust the position of the Print head.

- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Check 4 Is **Fast Graphic Process** set to **On** in the 32-bit Windows printer driver **Special Settings** dialog box?

Access the printer driver **Properties** dialog box from **Print** in the **File** menu of the source application, and follow these steps to print.

1. Deselect **Preview before printing** in the **Main** sheet.
2. Deselect **Page Layout** in the **Layout** sheet.
3. Click the **Special Settings** button in the **Layout** sheet, and then set **Fast Graphic Process** to **Off** in the **Special Settings** dialog box that opens.



Lines or colors are misaligned



Check 1 Adjust the position of the Print head

If borders are misaligned or the print results are not uniform, adjust the position of the Print head.

- ➔ [Automatic Adjustment to Straighten Lines and Colors](#)
- ➔ [Manual Adjustment to Straighten Lines and Colors](#)

For photo paper and proof paper, it may be improved by setting **Paper thickness (head height)** to a value lower than the current setting and then adjust the position of the Print head.

- ➔ [Troubleshooting Paper Abrasion and Blurry Images](#)

Check 2 Is the media type specified in the printer driver the same as the media type loaded in the printer?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

When printing with the media type specified in the printer driver, load the specified media type in the printer.

1. To stop printing, press the **Stop** button.
2. Change the paper type in the printer driver and try printing again.

▶▶▶ Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click **Get Information** to reflect the paper information set in the printer to the printer driver.
 - ➔ [Printing with Easy Setup](#)

Check 3 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Select the correct media type in the touch screen menu when loading paper in the printer.

- ➔ [Loading Rolls in the Printer](#)

➔ [Loading Sheets in the Printer](#)

Check 4 Adjust the angle of the Print head

Select **Print head angle adjustment** from the touch screen menu to adjust the Print head angle.

➔ [Adjusting Line Misalignment](#)

Check 5 Is the Roll Paper loaded at an angle?

If there is a gap between the roll paper and the roll holder, reload the roll paper.

➔ [Loading Rolls in the Printer](#)

Check 6 Is **Detect paper width** set to **Disable**?

Set **Detect paper width** in the touch screen menu to **Enable** to load the paper.

➔ [Menu Structure](#)

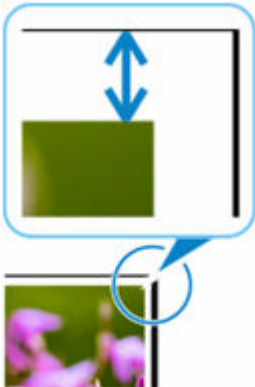
Check 7 Is **Skew detection accuracy** in the touch screen menu set to **Loose** or **OFF**?

Set **Skew detection accuracy** to **Standard**, and then reload the paper.

➔ [Menu Structure](#)



Borders appear in borderless printing



If white bandings or borders appear on the edges of borderless printing, check the following items.

Check 1 Is the position of the Print head adjusted?

Adjusting the position of the Print head will improve the printing accuracy.

➔ [Adjusting the Print Head](#)

Check 2 If printing full-scale borderless, is the selected paper wider than the source size?

For borderless printing at actual size, use roll paper that has the same width as the actual page size.

➔ [Printing Full-Size without Margins](#) (Windows)

➔ [Printing Full-Size without Margins](#) (macOS)

Check 3 Does the source file have margins?

Check that the printing image data does not have any objects like crop marks and transparent objects.

Check 4 Is a margin set in application software?

Check that no margins are configured in the application software you are using.

Check 5 Is the **Extension for borderless printing** set to large in the touch screen menu?

In the touch screen menu, set **Extension for borderless printing** to the smaller number than the current setting.

➔ [Specifying the Amount of Extension for Borderless Printing](#)

Cannot Print over Network

- **Cannot Connect Printer to Network**
- **Cannot Print over TCP/IP Network**
- **Cannot Print over Bonjour networks**



Cannot Connect Printer to Network



Check1 Is the Ethernet cable connected correctly to the printer's wired LAN connector?

Make sure the printer is connected to the network with the correct Ethernet cable, and then turn the printer on. For instructions on connecting the cable, refer to the Setup Guide.

Check2 Make sure the Link indicator is lit.

The left and right indicators are lit if the printer is connected via 1000Base-T.

The left indicator is green if the printer is connected via 100Base-TX, and the right indicator is orange if connected via 10Base-T.

If the Link indicator is not lit, check the following points.

- The hub is on.
- The end of the Ethernet cable is connected correctly.

Insert the Ethernet cable until it clicks and locks in place.

- There is no problem with the Ethernet cable.

If there is any problem, replace the Ethernet cable.



Cannot Print over TCP/IP Network



Check 1 Is the printer's IP address configured correctly?

Make sure the printer's IP address is configured correctly.

▶▶▶ Note

- For Windows, you can configure the printer's IP address using IJ Network Device Setup Utility.
For details, refer to "Performing/Changing Network Settings" > "Performing Network Settings" in IJ Network Device Setup Utility Guide.
➔ [IJ Network Device Setup Utility Guide](#)

Check 2 Are the printer's TCP/IP network settings configured correctly?

Make sure the printer's TCP/IP network settings are configured correctly.

Check 3 Is the computer you are trying to print from configured correctly?

Make sure the computer's TCP/IP network settings are configured correctly.



Cannot Print over Bonjour networks



Check 1 Is the computer you are trying to print from configured correctly?

Make sure the computer is configured correctly.

Check 2 Are the computer and printer on the same network?

Due to the nature of Bonjour, printing may not be possible if the printer is on another network behind a router. Make sure the computer and printer are on the same network. For information about network settings, ask your network administrator.

Check 3 Are the printer's Bonjour settings configured correctly?

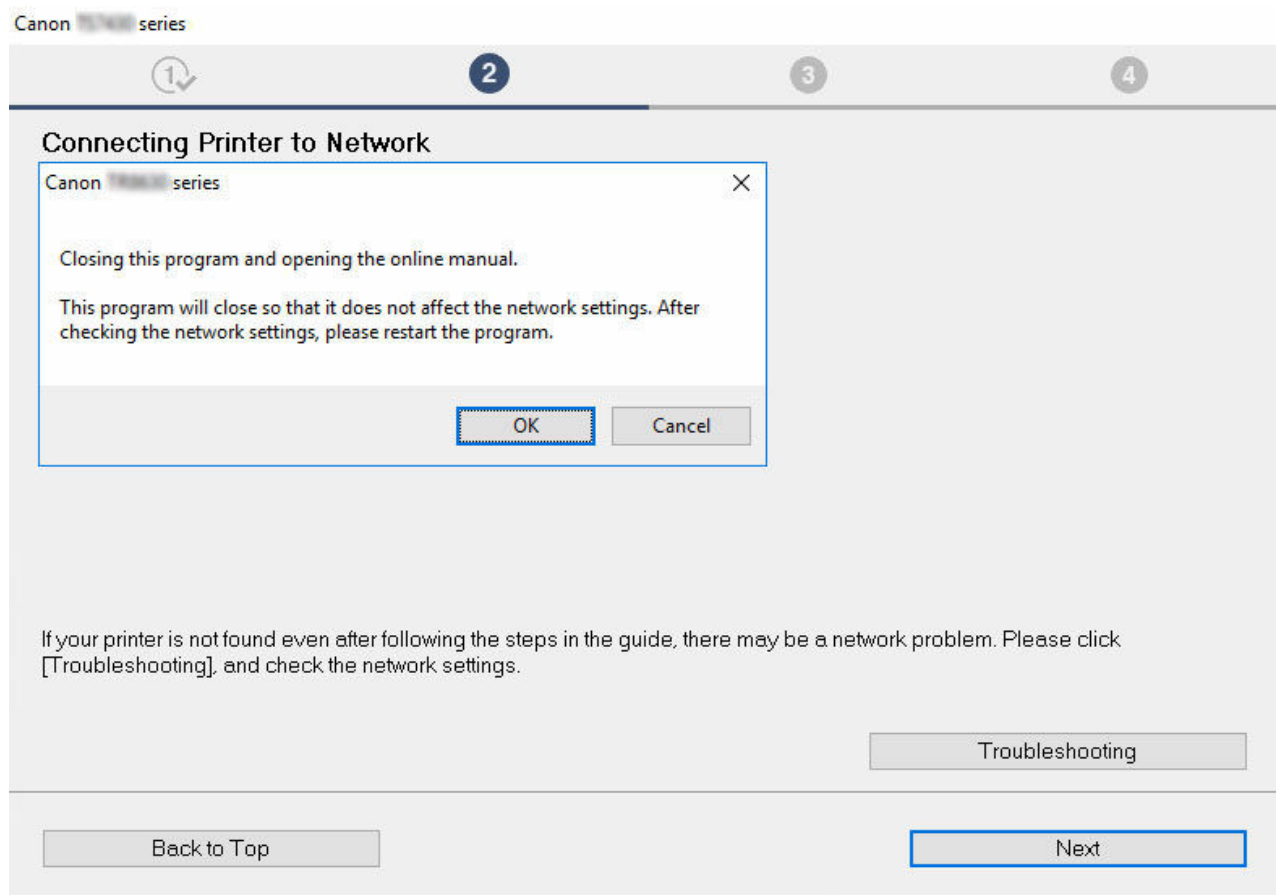
Make sure the Bonjour settings are configured correctly.

Cannot Find Printer on Network

- **Cannot Find Printer During Setup**
- **Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen**
- **Searching Printer by IP Address or Host Name During Setup**
- **Cannot Find Printer while Using Wi-Fi**
- **Cannot Find Printer while Using Wired LAN**
- **Cannot Print Using AirPrint**

Cannot Find Printer During Setup

If you cannot find the printer on network during setup, check the following.



When you complete all the checking, try to set up from the beginning.

Items to check for Wi-Fi

Step 1 Check the basic items for Wi-Fi

1. Check power status

Are printer and network device (router, etc.) turned on?

Stop setting up, and check if the router (modem) is turned on and then check if the printer is turned on.

1. Check if network devices such as router are turned on.

If network devices are not turned on, turn on the power. If the network devices are on, turn them off and on again.

It may take a while for the network device to become ready for use once they are turned on.

Proceed once the network devices such as router are ready for use.

2. Check if the printer is turned on

If printer is not turned on, turn on the power. If the printer is on, turn them off and on again.

2. Check PC network connection

Can you view any web pages on your computer? Make sure the computer and network device (wireless router, etc.) are configured and the computer is connected to the network.

If you cannot view web pages on your computer, check wireless router network connection settings, such as IP address filtering, MAC address filtering, and DHCP function.

For more on checking the settings of the wireless router, refer to the instruction manual supplied with the wireless router or contact the manufacturer.

▶▶▶ Important

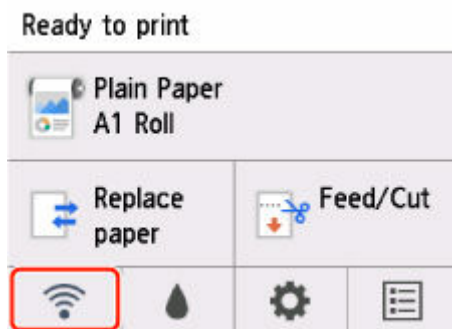
- Depending on the wireless router, note that different network name (SSID) is assigned for a bandwidth (2.4 GHz or 5 GHz) or its usage (for PC or game machine), using alphanumeric characters at the end of network name (SSID).

Once you complete checking the wireless router, configure the network settings for your computer. For the procedures, refer to the instruction manual supplied with the computer, or contact the manufacturer.

Once you complete setting up the wireless router and your computer, configure the settings on your computer in order to view web pages, using the information of the wireless router.

3. Check printer's Wi-Fi settings

Make sure the  or  icon is displayed on the touch screen.




If icon is not displayed:

The printer is not set to enable wireless communication. Change the printer settings in order to use Wi-Fi. Turn on wireless communication on the printer.



If icon is displayed:



 icon indicates that the wireless router and the printer are not connected. Reconsider the locations of the wireless router and the printer.

- Checking the location of wireless router:

After checking the wireless router setting, make sure the printer is not placed too far away from the wireless router. The printer can be up to 164 ft. (50 m) from the wireless router indoors if unobstructed. Make sure the printer is close enough to the wireless router to be used.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

- Checking the location of printer:

Make sure that the printer is not placed behind an object. The printer may not be connected when placed behind a wall or on a shelf. Try to place the printer in a location where there is no obstacle.

For details, see the instruction manual supplied with the wireless router or contact the manufacturer.

Step 2 Solve the Problem, Using IJ Network Device Setup Utility

Diagnose and repair the network connections using IJ Network Device Setup Utility.

Download IJ Network Device Setup Utility from the below page, and install it on your computer.

▶ Checking Printer Connection Status Using IJ Network Device Setup Utility

If you can connect to the network, try to set up from the beginning.

Items to check for wired LAN

Step 1 Check the basic items for wired LAN

1. Check the power and LAN Cable

When the printer cannot be found on the setup screen, using wired LAN connection setup, make sure that all the network devices are connected with the router and the hub via LAN cables and that all the devices are turned on.

If LAN cable is not connected:

Connect the router, hub, computer and printer via LAN cables.

Make sure the printer is turned on.

Make sure the printer is turned on, and make sure that the router and the hub are turned on.

If LAN cable is connected, and printer and network device are off:

Turn on printer or network device.

If LAN cable is connected, and printer and network device are on:

If they are on, turn them off and on again.

▶▶▶ Note

- It may take a while for the printer and network device to become ready for use once they are turned on again. After turning it on, wait for a while and proceed.

2. Check PC network connection

Can you view any web pages on your computer? Make sure the computer and network device (router, etc.) are configured and the computer is connected to the network.

If you cannot view web pages, unplug the cable connected to the router's WAN side. Connect the cable directly to the computer to see if you can view web pages on the Internet.

Check the settings for the router if you were able to view web pages. For details on checking the settings of the router, refer to the instruction manual supplied with the router or contact the manufacturer. Refer also to the instruction manual regarding the connection of the provider.

Once you complete checking the router, configure the network settings of your computer. For the procedures, refer to the instruction manual supplied with the computer, or contact the manufacturer.

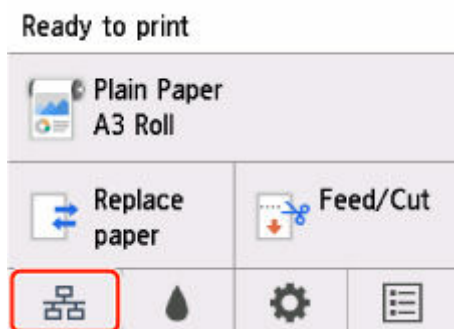
Once you complete setting up the router and your computer, configure the settings on your computer to view web pages, using the information of the router.

Proceed once you can view web pages on your computer.

3. Check printer's wired LAN settings



Make sure the icon is displayed on the touch screen.



If icon is not displayed:

The printer is not set to enable wired communication. Change the printer settings in order to use wired LAN.

When you complete checking [Step 1] above, try to set up from the beginning.

If the printer cannot be detected after trying to set up from the beginning, proceed to [Step 2].

Step 2 Solve the Problem, Using IJ Network Device Setup Utility

Diagnose and repair the network connections using IJ Network Device Setup Utility.

Download IJ Network Device Setup Utility from the below page, and install it on your computer.

➡ [Checking Printer Connection Status Using IJ Network Device Setup Utility](#)

If you can connect to the network, try to set up from the beginning.



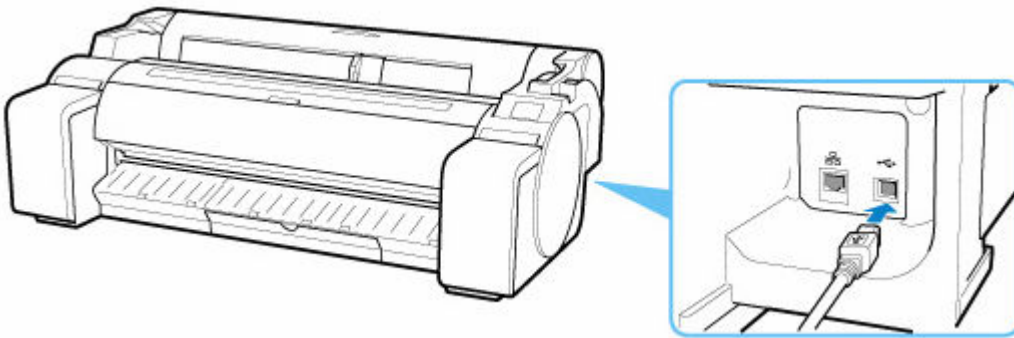
Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen



If you cannot proceed beyond the **Printer Connection** screen or the **Connect Cable** screen, check the following.

Check 1 Make sure USB cable is securely plugged in to printer and computer.

Connect the printer and the computer using a USB cable as the illustration below. The USB port is located at the back side of the printer.




Check the items below only if you cannot proceed beyond the **Printer Connection** screen.

Check 2 Follow procedure below to connect printer and computer again.

▶▶▶ Important

- For macOS, make sure the lock icon is on the lower left of the **Printers & Scanners** screen.



If the  icon (locked) is displayed, click the icon to unlock. (The administrator name and the password are necessary to unlock.)

1. Turn off printer.
2. Unplug USB cable from printer and computer and connect it again.
3. Turn on printer.

Check 3 If you cannot resolve problem, follow procedure below to reinstall printer driver.

1. Exit setup.

2. Turn off printer.
3. Restart computer.
4. Make sure you have no application software running.
5. Click here and perform setup.

▶▶▶ Note

- You can use the Setup CD-ROM to redo setup.

Searching Printer by IP Address or Host Name During Setup

If the printer cannot be found on the **Select Printer** screen, search for the printer by an IP address or host name. Click **Search By IP Address** on the screen which appears by clicking **Printer Not Found**. The screen to select searching criteria appears.

1. Check printer's IP address or host name.

To check the printer's IP Address or host name, print out the network settings information or use the touch screen to display it.

- Display on the touch screen.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

▶▶▶ Note

- If you use the printer in an office, ask the network administrator.

2. Specify searching method.

Select one of the methods below.

The screenshot shows the 'Printer Search Method Selection' screen. It features three radio button options, each with an associated input field:

- A:** Search by IPv4 address (with an input field)
- B:** Search by IPv6 address (with an input field)
- C:** Search by host name (with an input field)

Below the options, there is a note: 'To specify an IP address and run the search, you must assign an IP address to the printer beforehand. For more details, click [Online Manual].' At the bottom, there are 'Back' and 'Next' buttons, and an 'Online Manual' link.

A: Search by IPv4 address

Select to search for printers by IPv4 address.

B: Search by IPv6 address

Select to search for printers by IPv6 address.

C: Search by host name

Select to search for printers by host name. A host name is referred to as LLMNR host name or Bonjour name.

3. Enter IP address or host name and click **Next**.

Printer search starts.

If an error screen appears:

Resolve the error according to the instruction on the screen.

If the IP address you entered is already used for another device, follow the procedure below to specify printer's IP address.

1. Select **LAN settings** on HOME screen.

➡ [Home Screen Menu Composition](#)

If you specify the administrator password, enter the password.

2. Select **Wi-Fi**.

3. Select **Settings**.

4. Select **Advanced**.

5. Select **TCP/IP settings**.

• If you specify IPv4 address:

1. Select **IPv4**.

2. Select **Yes** on the displayed screen.

3. Select **IP address**.

4. Select **Manual setup**.

Selecting **Auto setup** specifies the IP address automatically.

5. Enter IP address.

6. Select **OK**.

7. Enter subnet mask.

8. Select **OK**.

9. Enter default gateway.

10. Select OK.

The IPv4 address has been specified.

- **If you specify IPv6 address:**

1. Select IPv6.

2. Select Yes on the displayed screen.

3. Select Enable/disable IPv6.

4. Select Enable.

The IPv6 address has been specified.

»» Important

- If firewall is enabled on the computer, printers on a different subnet may not be detected. Disable firewall.

If firewall interferes with printer search:

- **If a firewall message appears:**

If a firewall message appears warning that Canon software is attempting to access the network, set the security software to allow access.

After allowing the software to access, specify the IP address or host name and search for printers again.

If the printer is found, follow the instructions on the screen to continue to set up the network communication.

- **If no firewall message appears:**

Temporarily disable the firewall and specify the IP address or host name to search for printers again.

After the setup is complete, re-enable the firewall.

»» Note

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.



Cannot Find Printer while Using Wi-Fi





Check 1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.


Check 2 Check the network status on the touch screen.



If the  icon is displayed, or only the  icon is displayed, Wi-Fi is disabled.

Set **Enable/disable Wi-Fi** in the touch screen menu to **Enable**.



If the  icon is displayed, see Check 3 or later checking items to make sure whether printer setup is complete or the settings of wireless router to connect are correct.

Check 3 Make sure printer setup is complete on the computer.

If it is not, perform setup.

- For Windows:
Perform setup using the Setup CD-ROM or from Setup Guide.
- For macOS:
Perform setup from Setup Guide.

»» Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status. Download it from the web page.
 - ➔ For Windows
 - ➔ For macOS

Check 4 Make sure printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

»» Note

- Use 2.4 GHz frequency band to connect to a wireless router. Match the SSID set for the printer with that for 2.4 GHz frequency band of the wireless router.

To check the SSID set for the printer, print out the network setting information or use the operation panel to display it.

- Display on the touch screen.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

▶▶▶ Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

Select the link below to download IJ Network Device Setup Utility and install it.

➔ [Checking Printer Connection Status Using IJ Network Device Setup Utility](#)

Check 5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

▶▶▶ Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check 6 Make sure wireless signal is strong. Monitor signal strength and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

▶▶▶ Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

Select the link below to download IJ Network Device Setup Utility and install it.

➔ [Checking Printer Connection Status Using IJ Network Device Setup Utility](#)

Check 7 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

▶▶▶ Note

- If you use a smartphone or tablet, make sure the Wi-Fi is enabled on the device.

Check 8 Make sure **Enable bidirectional support** is selected in the **Ports** sheet of the properties dialog box of the printer driver. (Windows)

If not, select it to enable bidirectional support.

Check 9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings.

Check 10 If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network identifier (SSID). (macOS)

If the problem is not resolved, redo setup.

- For Windows:
Perform setup using the Setup CD-ROM or from Setup Guide.
- For macOS:
Perform setup from Setup Guide.



Cannot Find Printer while Using Wired LAN



Check 1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Check 2 Make sure LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

Check 3 Is  icon displayed on touch screen?

If the icon is not displayed, wired LAN is disabled.

If not, select **LAN settings > Wired LAN > Settings**, and then select **Enable** for **Enable/disable Wired LAN**.



Cannot Print Using AirPrint



Check 1 Make sure printer is turned on.

If the printer is turned on, turn it off and back on, and then check whether the issue is resolved.

Check 2 Make sure printer is registered to your computer.

Check 3 Make sure printer is connected by LAN to same network subnet as AirPrint compliant device when printing over LAN.

Check 4 Make sure printer has enough paper and ink.

Check 5 Make sure no error message is displayed on printer's touch screen.

Installation Problems

- **Removing Printer Software**
- **Taking Time to Setup Process (Windows)**
- **Failed to Printer Driver Installation (Windows)**



Removing Printer Software



Follow the steps below to remove utility software installed on the computer.

▶▶▶ Important

- You must log in as an administrator or have administrator permissions.

▶▶▶ Note

- See the pages below for how to remove printer drivers.
 - ➔ [Deleting the Unnecessary Printer Driver](#) (Windows)
 - ➔ Delete the Unnecessary Canon IJ Printer from the Printer List (macOS)

Removing the IJ Network Device Setup Utility (Windows)

Follow the steps below to remove the IJ Network Device Setup Utility.

- Windows 10

1. Click **start**, select **Windows System**, and then select **Control Panel**.
2. Under **Programs**, select **Programs and Features**, select IJ Network Device Setup Utility from the list of programs, and then click **Uninstall**.

- Windows 8.1

1. Use the **Settings** charm on the desktop to open the **Control Panel**.
2. Under **Programs**, select **Programs and Features**, select IJ Network Device Setup Utility from the list of programs, and then click the **Uninstall** button.

- Windows 7

1. Select **Control Panel** from the **start** menu.
2. Select **Uninstall a program**.
3. Select IJ Network Device Setup Utility, and then click the **Uninstall** button.

▶▶▶ Note

- If the **User Account Control** dialog box is displayed, click **Yes**.

Removing the IJ Network Device Setup Utility (macOS)

Follow the steps below to remove the IJ Network Device Setup Utility.

1. Select **Applications** from **Go** menu of Finder, double-click **Canon Utilities > IJ Network Device Setup Utility**, and then drag **Canon IJ Network Device Setup Utility** icon into **Trash**.
2. Restart computer.
Empty the **Trash** and restart your computer.

▶▶ Note

- To reinstall IJ Network Device Setup Utility, uninstall IJ Network Device Setup Utility and install it again from the Canon website.



Taking Time to Setup Process (Windows)



If Windows update starts during setup, or if you perform setup while Windows update is in progress, it may take a while to register the printer or to perform other processes.

Wait for a while. This is not a malfunction.



Failed to Printer Driver Installation (Windows)



- **If installation does not start when you insert Setup CD-ROM:**

Follow the instructions below to start the installation.

1. Make the following settings.

- In Windows 10, click **Start** button > **File Explorer**, and then click **This PC** from list on left.
- In Windows 8.1, select **Explorer** icon in **Taskbar** on **Desktop**, and then select **This PC** from list on left.
- In Windows 7, click **Start**, and then click **Computer**.

2. Double-click the  CD-ROM icon in the window that appears.

If the contents of the CD-ROM appear, double-click **MSETUP4.EXE**.

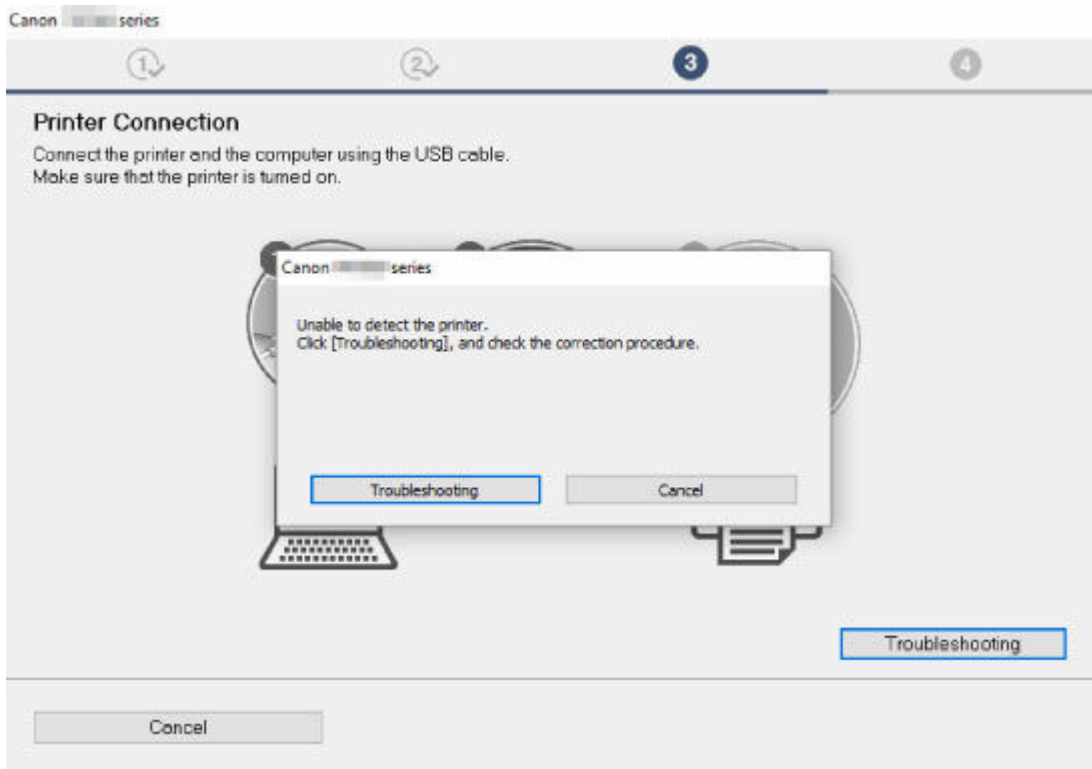
If you cannot install the printer driver with the Setup CD-ROM, install it from the Canon website.

▶▶▶ Note

- If the CD-ROM icon does not appear, try the following:
 - Remove the CD-ROM from your computer and reinsert it.
 - Restart your computer.

If the icon still does not appear, try a different disc and see if it appears. If it does, there is a problem with the Setup CD-ROM. Contact your nearest Canon service center to request a repair.

- **If you cannot get past the Printer Connection screen:**



➔ [Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen](#)

- **Other cases:**

Reinstall the printer driver.

If the printer driver was not installed correctly, uninstall the printer driver, restart your computer, and then reinstall the printer driver.

➔ [Deleting the Unnecessary Printer Driver](#)

Reinstall the printer driver with the Setup CD-ROM or install it from the Canon website.

➤➤➤ **Note**

- If the installer was stopped due to a Windows error, Windows operation may be unstable, and you may not be able to install the drivers. Restart your computer and then reinstall the drivers.

Other Problems

- **Printer does not turn on**
- **If the Printer Makes a Strange Sound**
- **Messages advising to check the maintenance cartridge are not cleared**
- **Printer consumes a lot of ink**
- **Ink Level Detection**
- **Media Type Selection does not Match Loaded Media Type**



Printer does not turn on



Check 1 Is the power cord plugged in?

Plug the power cord into the outlet, and then turn on the printer.

Check 2 Is the specified voltage being supplied?

Check the voltage of the outlet and breaker.

➔ [Specifications](#)

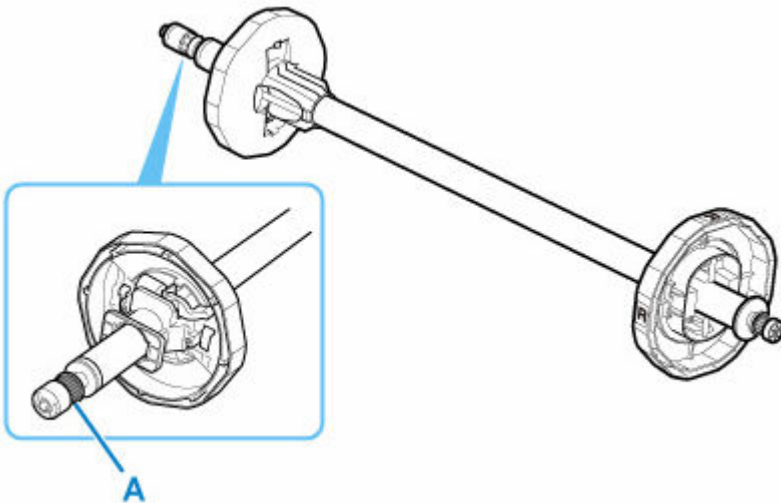


If the Printer Makes a Strange Sound



Check 1 Has an unusual noise been produced from the vicinity of the roll holder?

If dust accumulates on the gear (A) at the end of the roll holder, a noise may be produced from that area.



When the noise starts, clean the gear with the following procedure.

1. Remove the roll holder from the printer.
2. Wipe the dust off the gear with a damp, tightly wrung cloth, and then dry with a dry cloth.
3. Insert the roll holder in the printer.

Check 2 Operating noise may be heard from the printer even when not printing.

The following sounds do not indicate a problem with the printer.

- A suction sound can be heard from the platen
To prevent the paper from rising, the surface of the platen has vacuum holes that create suction on the paper.
- Roll paper makes a fluttering sound during printing.
There may be a fluttering sound when large paper is advanced.
- You suddenly hear the sound of cleaning operations.
Cleaning is automatically performed at specified intervals in order to keep the printer maintained.
- You suddenly hear the sound of ink agitation.

Ink is automatically agitated after specified intervals to maintain optimal print quality. Agitation takes approximately 1 minute 30 seconds.

Ink is also agitated automatically at the following times. Please note that no other operations can be performed while "Agitating the ink" is on the touch screen.

- After the printer is turned on
- After data transmission
- After ink tank replacement

In other cases, contact your Canon dealer.



Messages advising to check the maintenance cartridge are not cleared



The newly replaced maintenance cartridge is not recognized.

Remove the newly replaced maintenance cartridge, and then reinsert it again firmly.

➔ [Replacing the Maintenance Cartridge](#)



Printer consumes a lot of ink



Check 1 Are lots of full-color materials being printed?

In print jobs such as photos, images are filled with color. This consumes a lot of ink. This does not indicate a problem with the printer.

Check 2 Is **System Cleaning** being carried out frequently?

System Cleaning uses a lot of ink. This is normal. We recommend that you only carry out **System Cleaning** after the printer has been transported, if it has not been used for a long time, or if there is a problem with the Print head.

Check 3 You have just finished initial installation, when more ink is consumed to fill the system.

If using the printer for the first time, or using it after transport, the ink tank will supply an initial fill of ink to the Print head.

Although the amount of remaining ink may drop as a result, it does not indicate a problem.

Check 4 Is the Print head nozzle blocked?

Check for nozzle clogging.

➔ [Checking for Nozzle Clogging](#)



Ink Level Detection



The printer ink tank detects the amount of ink remaining to prevent running out of ink while printing and to avoid printer failure.

➔ [Ink Tanks](#)

When using an ink tank refilled with ink, the function for detecting the remaining ink level may not operate properly and printing may stop. If you want to use an ink tank refilled with ink, you need to disable the function for detecting the remaining ink level.

▶▶▶ Important

- Printing with the ink level detection canceled may lead to printer damage and printing problems. Canon Inc. is not liable for any damage that may occur as a result of refilling ink.
- Once the function for detecting the remaining ink level is disabled, it cannot be restored for that ink tank. To restore the function for detecting the remaining ink level, replace the ink tank with a new ink tank for that printer.
- Repeatedly removing and inserting the same ink tank can cause the contacts between the ink tank and printer to malfunction, ink may leak from the ink tank, and the printer may become damaged.

Releasing ink level detection

Ink level detection will be deactivated if you load ink tanks once emptied.

If "The above ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank." appears on the touch screen, follow the steps below.

1. Move through the screens, performing the actions described in the messages that appear on the touch screen.
2. If an instruction to disable detection of remaining ink appears, touch **Stop** on the printer for at least 5 seconds, and then release it.

Ink level detection is now released.



Media Type Selection does not Match Loaded Media Type



Check 1 Is this paper being used for the first time?

If this is the first time to use the paper, it may not be selected correctly. In the media type selection, manually select the correct paper type.

Check 2 Is the paper you set genuine paper or recommended paper?

If you want to use a paper that is not in the paper information list, register the media type in the Media Configuration Tool.

- ➔ Paper Information List
- ➔ Media Configuration Tool Guide

Check 3 Is there any unevenness in the gloss and color of the paper surface?

Some media types may not be suitable for paper type estimation. If the paper type is not recognized correctly, manually select the correct paper in the media type selection.

List of Support Code for Error

Support codes appear on the PC when an error occurs.

Support codes are error identification numbers that appear alongside error messages.

If an error occurs, check the support code and follow the recommended steps to resolve the issue.

Support code displayed

- **1000 to 1ZZZ**

[1005](#) [100A](#) [1012](#) [1021](#) [1024](#) [1041](#)

[1051](#) [1052](#) [1054](#) [1056](#) [1057](#) [1058](#)

[1061](#) [1200](#) [1201](#) [1210](#) [1213](#) [1214](#)

[1300](#) [1306](#) [1317](#) [1322](#) [1323](#) [1324](#)

[1401](#) [1403](#) [1408](#) [1409](#) [140A](#) [140B](#)

[140C](#) [140F](#) [1468](#) [1477](#) [1478](#) [1480](#)

[1481](#) [1485](#) [1492](#) [1494](#) [1495](#) [1500](#)

[1551](#) [1552](#) [1570](#) [1571](#) [1660](#) [168B](#)

[1720](#) [1721](#) [1722](#) [1730](#) [1731](#) [1752](#)

[1753](#) [1756](#) [1757](#)

- **2000 to 2ZZZ**

[2001](#) [2002](#) [2130](#) [2131](#) [2132](#)

- **3000 to 3ZZZ**

[3000](#) [3001](#) [3200](#) [3201](#) [3250](#) [3306](#)

[3311](#) [3312](#) [3313](#) [3314](#) [3315](#) [3316](#)

[3317](#) [3331](#) [3332](#) [3333](#) [3336](#) [3338](#)

[3341](#) [3342](#) [3350](#) [3351](#) [3352](#) [3414](#)

[3415](#) [3416](#) [3417](#) [3418](#) [3419](#) [3420](#)

[3421](#) [3422](#) [3423](#) [3424](#) [3448](#) [3451](#)

- **4000 to 4ZZZ**

[4111](#) [4113](#) [4114](#) [4116](#) [4117](#) [4122](#)

[4801](#) [4803](#) [4900](#) [4901](#) [4903](#) [4905](#)

[4910](#) [4911](#) [4913](#) [4920](#) [4931](#) [4932](#)

[4933](#) [4934](#) [4935](#) [4937](#) [4950](#) [4951](#)

[4952](#) [4953](#) [4954](#) [4955](#) [4956](#)

• **5000 to 5ZZZ**

[5106](#) [5200](#) [5B16](#) [5B20](#) [5B21](#) [5C00](#)

• **6000 to 6ZZZ**

[6502](#) [6700](#) [6702](#) [6820](#) [6900](#) [6901](#)

[6902](#) [6910](#) [6911](#) [6920](#) [6921](#) [6930](#)

[6931](#) [6932](#) [6933](#) [6940](#) [6941](#) [6942](#)

[6943](#) [6944](#) [6945](#) [6946](#)

• **7000 to 7ZZZ**

[7050](#) [7051](#) [7052](#)

• **8000 to 8ZZZ**

[8200](#)

• **9000 to 9ZZZ**

[9000](#) [9110](#)

• **A000 to ZZZZ**

[B20A](#) [B510](#)

1005

Cause

You have attempted to print on a sheet, but no sheet is loaded.

What to Do

Check the media size and type for the print job on the touch screen, and then tap **OK**.

- **Continuing to print**

Tap **Load paper**, and then load the paper.

➔ [Loading and Printing on Sheets](#)

- **Stopping printing**

To stop printing, tap **Cancel** on the touch screen or press the **Stop** button.

100A

Cause

You have attempted to print on a roll, but no roll is loaded.

What to Do

Tap **Load paper** on the touch screen, and then load the paper roll and print.

➔ [Loading Rolls in the Printer](#)

▶▶ Note

- To stop printing, tap **Cancel** on the touch screen or press the **Stop** button.

1012

Cause

You have attempted to print on a sheet, but no sheet is loaded.

What to Do

Tap **Load paper** on the touch screen, and then load cut paper and print.

➔ [Loading and Printing on Sheets](#)

▶▶ Note

- To stop printing, tap **Cancel** on the touch screen or press the **Stop** button.

Cause

The printer has received a print job longer than the amount of roll paper left.

What to Do

- **Continuing to print**

To continue printing, tap **Print with the loaded paper.** on the touch screen.

However, the roll paper may run out during the print job and you may not be able to print all of the document.

- **Replacing paper**

Tap **Replace the paper and print** and print on the touch screen.

Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

➔ [Removing the Roll from the Printer](#)

➔ [Loading Rolls in the Printer](#)

- **Stopping printing**

To stop printing, tap **Cancel** on the touch screen or press the **Stop** button.

Cause

Possible causes include the following.

- Roll paper is empty.
- There is remaining roll paper, but because it could not be advanced, it could not be detected.

What to Do

• The roll paper has run out

Follow the steps below to replace the used roll with a new roll of the same type and size.

1. Tip back the release lever and remove the roll paper.

➔ [Removing the Roll from the Printer](#)

2. Load the new roll.

➔ [Loading Rolls in the Printer](#)

3. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

Printing will resume, starting from the page on which the error occurred.

• Feed stopped because the end of the paper roll is attached to the core with tape

Remove the used roll paper and insert a new roll paper.

➔ [Removing the Roll from the Printer](#)

➔ [Loading and Printing on Rolls](#)

• Feed stopped because the remaining paper roll is too heavy

It may be helpful to change the printing mode, which will change the paper feed timing.

If using Windows, select a higher **Print Quality** setting under **Advanced Settings** in the printer driver.

If using macOS, select **Quality & Media** in the printer driver, and then select a higher **Print Quality** setting.

➔ [Setting the Print Quality Level \(Custom\)](#) (Windows)

➔ [Setting the Print Quality Level \(Custom\)](#) (macOS)

▶▶▶ Note

- To stop printing, press the **Stop** button.

1041

Cause

You have selected wrong paper source for **Replace paper**.

What to Do

Match the paper source for loading paper with the paper source setting for **Replace paper**.

For the roll paper, select **Roll paper** and load it.

For the cut sheet, select **Cut sheet** and load it.

1051

Cause

The media type specified in the printer driver is not the same as the media type loaded in the printer.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1052

Cause

The width of the roll paper set in **Fit Roll Paper Width** in the printer driver is not the same as the width of the roll paper loaded in the printer.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1054

Cause

The paper in the printer is smaller than the paper size set in the printer driver.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1056

Cause

The paper position is not suitable for borderless printing.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1057

Cause

The paper position is not suitable for borderless printing.

What to Do

You can continue to print, but note that this error may cause problems in the printing results.

1058

Cause

Roll paper has almost run out.

What to Do

Printing will continue. Replace the roll paper in the printer with one that has enough paper for printing as soon as possible.

➔ [Removing the Roll from the Printer](#)

➔ [Loading Rolls in the Printer](#)

➤➤ Note

- To stop printing, press the **Stop** button.

Cause

The media type specified in the print job is not the same as the media type loaded in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the displayed media type and size, and tap **OK**.

- **Printing again according to the media type**

Follow the steps below to match the media type in the print job and the media type loaded in the printer.

- **Changing the media type in the print job**

1. Tap **Cancel** to stop printing.
2. Change the media type in the print job settings to the media type loaded in the printer, and then try again.

- ➡ [Loading and Printing on Rolls](#)
- ➡ [Loading and Printing on Sheets](#)

- **Replacing paper**

1. Tap **Replace the paper and print**.
2. Load the paper with the media type specified in the print job, and then try again.

- ➡ [Loading and Printing on Rolls](#)
- ➡ [Loading and Printing on Sheets](#)

- **Printing with the current print settings**

To continue printing, tap **Print with the loaded paper** on the touch screen.

However, note that this error may cause paper jams and affect the printing quality.

1200

Cause

Top cover or print head lock lever is open.

What to Do

Open the top cover and make sure the print head lock lever is closed properly.

Make sure there are no foreign objects caught in the top cover, and then close the top cover.

If this error appears again, close the top cover, turn the power off, wait a moment, and then turn the power back on.

▶▶ Note

- If installing a print head, close the top cover after finishing.

1201

Cause

The ink tank cover is open.

What to Do

Close the ink tank cover.

1210

Cause

The ink tank cover is open.

What to Do

Close the ink tank cover.

1213

Cause

Release lever is released.

What to Do

Pull the release lever toward the front.

If the error occurs again, turn off the printer and wait a while before restoring power.

1214

Cause

While the printer was printing or performing maintenance, the release lever was released.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC19-2F21

Cause

Paper jammed inside the printer while printing.

What to Do

Follow the steps below to remove jammed paper.

1. Tip back the release lever and remove the jammed paper.

- ➡ [Remove Jammed Roll Paper](#)

- ➡ [Remove a Jammed Sheet](#)

2. Load the paper.

- ➡ [Loading Rolls in the Printer](#)

- ➡ [Loading Sheets in the Printer](#)

3. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

Printing will resume, starting from the page on which the error occurred.

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

1306

Cause

A print job for rolls was received when a sheet is loaded.

What to Do

Follow these steps to load and print on a roll.

1. To remove the cut paper, tap **Remove paper** on the touch screen.

➔ [Removing Sheets](#)

2. Load a new roll.

➔ [Loading Rolls in the Printer](#)

▶▶▶ Note

- To stop printing, tap **Cancel** on the touch screen or press the **Stop** button.

Cause

Paper loaded crooked was detected when the paper was advanced.

What to Do

Tip back the release lever and reload the paper.

- ➔ [Loading Rolls in the Printer](#)
- ➔ [Loading Sheets in the Printer](#)

If this error appears again even after reloading the paper roll, remove the roll holder from the printer, insert the paper roll firmly into the roll holder until it is up against the flange, and then insert the roll holder into the printer.

- ➔ [Loading Rolls on the Roll Holder](#)

▶▶ Important

- If this message continues to appear even after taking the steps above, or if you do not want this message to appear, set **Skew detection accuracy** in the printer menu to **OFF** or **Loose**. However, note that the paper will be printed skewed, which could cause paper jams and abnormal print results, or dirty the platen and the reverse of the next printed sheet.

Cause

Cannot detect paper size because paper is not in the correct position or because curled paper has been loaded.

What to Do

Tip back the release lever and remove any paper. Then check the paper and reload it.

➔ [Loading Rolls in the Printer](#)

➔ [Loading Sheets in the Printer](#)

If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

Printing will resume, starting from the page on which the error occurred.

➤➤ Note

- If this error appears again even after reloading the paper roll, remove the roll holder from the printer, insert the paper roll firmly into the roll holder until it is up against the flange, and then insert the roll holder into the printer.
 - ➔ [Loading Rolls on the Roll Holder](#)
- This error might also appear if the platen has been dirtied by ink or another substance, or if the size of clear film could not be detected. In this case, open the top cover and clean the entire platen area.
 - ➔ [Cleaning Inside the Top Cover](#)

1323

Cause

An unsuitable paper size has been loaded.

What to Do

Tip back the release lever, remove any paper, and then reload paper of suitable size.

➔ [Paper Sizes](#)

➤➤ Note

- Load unused A4/letter size or larger paper if printing calibration and nozzle check patterns. Each calibration may take several sheets of paper.

Cause

A print job for printing on sheets was sent when a roll is loaded.

What to Do

Follow the steps below to print again.

1. Tap **Remove paper** on the touch screen to stop printing.
2. Remove the paper roll, load cut paper of the size and type specified in the printer driver, and then try again.
 - ➔ [Removing the Roll from the Printer](#)
 - ➔ [Loading and Printing on Sheets](#)

▶▶ Note

- To stop printing, tap **Cancel** on the touch screen or press the **Stop** button.

1401

Cause

Failed to recognize print head.

What to Do

Open the top cover and reattach the print head.

➔ [Replacing the Print Head](#)

1403

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

➔ [Replacing the Print Head](#)

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1408

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

➔ [Replacing the Print Head](#)

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1409

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

➔ [Replacing the Print Head](#)

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

140A

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

➔ [Replacing the Print Head](#)

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

140B

Cause

Failed to recognize print head.

What to Do

Open the top cover and reattach the print head.

➔ [Replacing the Print Head](#)

140C

Cause

There is a problem with the print head.

What to Do

Turn off the power, wait a moment, and then turn it back on.

140F

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

➔ [Replacing the Print Head](#)

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1468

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC55-2F24

1477

Cause

There is a problem with the print head.

What to Do

Open the top cover and replace the print head with a new one.

➔ [Replacing the Print Head](#)

1478

Cause

There is a problem with the print head.

What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

➔ [Replacing the Print Head](#)

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

1480

Cause

The attached print head was previously used in a different model.

What to Do

Attach the correct print head.

➔ [Replacing the Print Head](#)

1481

Cause

The attached print head was previously used in a model that uses a different ink set.

What to Do

Attach the correct print head.

➔ [Replacing the Print Head](#)

1485

Cause

Cannot use attached print head.

What to Do

Attach the correct print head.

➔ [Replacing the Print Head](#)

1492

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC02-2F42 EC21-2F44 EC3F-2F40 EC3F-2F41

1494

Cause

There may be a problem with the print head.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, remove and reattach the print head.

➔ [Replacing the Print Head](#)

If that does not get rid of the error, replace the print head with a new one.

Cause

The print head nozzle is blocked.

What to Do

Follow the steps below to clean the print head.

1. Tap **Cancel** on the touch screen to stop printing.
2. Clean the print head.

➔ [Cleaning the Print Head](#)

If this message still appears when printing, replace the print head.

➔ [Replacing the Print Head](#)

▶▶ Important

- To continue printing, use the touch screen and tap **Continue printing**. However, the print results may not be satisfactory.

1500

Cause

The ink in the ink tank is running low.

What to Do

Prepare a new ink tank.

1551

Cause

A genuine Canon ink tank with a history of past use has been detected.

What to Do

To dismiss the message, tap **OK** on the touch screen.

1552

Cause

A genuine Canon ink tank has been inserted.

What to Do

To dismiss the message, tap **OK** on the touch screen.

1570

Cause

The ink in the ink tank has run out.

What to Do

Open the ink tank cover, and then replace the ink tank before the ink in the sub-ink tank of this printer becomes insufficient.

➔ [Replacing Ink Tanks](#)

▶▶ Note

- You can replace the ink tank even while printing.

1571

Cause

Ink tank removed during printing.

What to Do

If replacing the ink tank, insert a new ink tank.

➔ [Replacing Ink Tanks](#)

1660

Cause

Ink tank not inserted.

What to Do

Insert the ink tank correctly.

➔ [Replacing Ink Tanks](#)

168B

Cause

The ink tank cannot be recognized.

Printing cannot be executed because the ink tank may not be compatible with this printer.

What to Do

Install the appropriate ink tank.

1720

Cause

The maintenance cartridge is full.

It needs to be replaced.

What to Do

Replace the maintenance cartridge.

➔ [Replacing the Maintenance Cartridge](#)

1721

Cause

The maintenance cartridge is not installed.

What to Do

Install the maintenance cartridge.

➔ [Replacing the Maintenance Cartridge](#)

1722

Cause

Incorrect type of maintenance cartridge.

What to Do

Insert the correct maintenance cartridge.

➔ [Replacing the Maintenance Cartridge](#)

If this error continues to appear, contact a Canon customer service center.

Cause

The ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank.

What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level.

➔ [Replacing Ink Tanks](#)

To disable the function for detecting the remaining ink level, press and hold the printer's **Stop** button for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

▶▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

➔ [Report Counterfeit](#)

Cause

Non-genuine Canon ink tank has been detected.

What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level.

➔ [Replacing Ink Tanks](#)

To disable the function for detecting the remaining ink level, press and hold the printer's **Stop** button for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by using a non-genuine Canon ink tank.

▶▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

➔ [Report Counterfeit](#)

1752

Cause

The ink has run out.

What to Do

Open the ink tank cover, and then replace the ink tank.

➔ [Replacing Ink Tanks](#)

Cause

The remaining level of the ink cannot be correctly detected.

What to Do

Replace the ink tank. Printing will restart.

➔ [Replacing Ink Tanks](#)

An ink tank that was once empty is installed.

If you want to continue printing, you need to disable the function for detecting the remaining ink level.

To disable this function, press and hold the printer's **Stop** button for at least 5 seconds, and then release it.

With this operation, disabling the function for detecting the remaining ink level is memorized.

Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

1756

Cause

The ink may become insufficient.

What to Do

To perform the next process or to continue the specified process, replace the ink tank.

➔ [Replacing Ink Tanks](#)

1757

Cause

Cannot fill sub ink tank.

What to Do

Check the touch screen, remove the ink tank for the affected color, and then reinsert it.

If the inserted ink tank is empty, replace it with a new ink tank.

➔ [Replacing Ink Tanks](#)

2001

Cause

An incompatible device is connected.

What to Do

Check the device connected to the USB flash drive port.

Only USB flash drive can be connected to this device for direct printing.

2002

Cause

An incompatible USB hub is connected.

What to Do

If USB flash drive is connected to this device through a USB hub, remove the USB hub.

Connect the USB flash drive directly to this device.

Cause

The roll paper width set in the print job is not the same as the width of the roll paper in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Stopping printing**

Tap **Cancel** on the touch screen or press the **Stop** button.

- **Replacing the roll paper**

Follow the steps below to replace the paper with roll paper of the width set in the printer driver.

1. Tap **Replace the paper and print**, then remove the roll paper.

➔ [Removing the Roll from the Printer](#)

2. Replace the paper with paper of the width set in the printer driver.

➔ [Loading Rolls in the Printer](#)

Printing begins.

- **Printing without changes**

Tap **Print with the loaded paper..**

However, note that this error may cause paper jams and affect the printing quality.

➤➤➤ Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.
- To suppress this message, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**. However, note that this error may affect the printing quality.

➔ [Menu Structure](#)

Cause

The roll paper loaded in the printer is narrower than the roll paper width in the print job.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Stopping printing**

Tap **Cancel** on the touch screen or press the **Stop** button.

- **Replacing the roll paper**

Follow the steps below to replace the paper with roll paper of the width specified in the print job paper size settings.

1. Tap **Replace the paper and print**, then remove the roll paper.

➔ [Removing the Roll from the Printer](#)

2. Replace the paper with paper of the width set in the printer driver.

➔ [Loading Rolls in the Printer](#)

Printing begins.

- **Printing without changes**

Tap **Print with the loaded paper..**

However, note that this error may cause paper jams and affect the printing quality.

▶▶▶ Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.
- To suppress this message, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**. However, note that this error may affect the printing quality.

➔ [Menu Structure](#)

Cause

Cannot print internal printer data, such as test prints, for the following reasons.

- The paper roll loaded in the printer is too small.
- The cut paper loaded in the printer is the wrong size or type.

What to Do

• Roll

Tap **Replace the paper and print** on the touch screen, or tip back the release lever and replace the paper with paper of the correct size.

➔ [Loading Rolls in the Printer](#)

To stop printing, tap **Cancel** or press the **Stop** button.

• Sheet

Tip back the release lever, remove any paper, and then load paper of the same size and type as the first page.

➔ [Loading Sheets in the Printer](#)

To stop printing, press the **Stop** button.

3000

Cause

The print head has not been calibrated.

What to Do

Print Head Alignment is recommended.

➔ [Adjusting the Print Head](#)

▶▶ Note

- This message will appear until **Print Head Alignment** is carried out.

3001

Cause

The print head nozzle is becoming blocked.

What to Do

Check the printed materials.

If the printed materials are scratched, clean the print head.

➔ [Cleaning the Print Head](#)

3200

Cause

It is almost time to replace consumables for which service is required.

What to Do

This can be used for a little while, until the message "**A part needs to be replaced.**" appears.

Contact your Canon dealer for assistance.

3201

Cause

It is past the recommended time to replace consumables for which service is required.

What to Do

Contact your Canon dealer for assistance.

3250

Cause

The maintenance cartridge is almost full.

What to Do

Prepare a new maintenance cartridge because an error may occur if you continue to use the printer while the maintenance cartridge is full.

➔ [Replacing the Maintenance Cartridge](#)

Cause

Media information cannot be recognized because the printer media information is corrupt.

What to Do

Start the Media Configuration Tool, and then recover the media information.

➔ [Media Configuration Tool Guide](#)

To set the Media Configuration Tool to recovery mode, open the Media Configuration Tool, select this device and then click **OK**.

Select and load the media information backup file.

If you do not have a media information backup file, contact a Canon customer service center.

3311

Cause

Incorrect print data.

Illegal number of parameters.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3312

Cause

Incorrect print data.

Required items have been omitted.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3313

Cause

Incorrect print data.

Data out of range.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3314

Cause

Incorrect print data.

Resolution value out of range.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3315

Cause

Incorrect print data.

Compression method value out of range.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3316

Cause

Incorrect print data.

Incorrect data formatting (color sequence, bit count).

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3317

Cause

Incorrect print data.

Illegal combination of resolution and image data format.

What to Do

Defective print data, please check the print results.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3331

Cause

Print results may be abnormal as there is a large volume of print data.

What to Do

Check the print job.

Cause

Unsupported JPEG data format.

What to Do

Check the JPEG data.

Printable file formats are as follows.

- **Files which conforms to JFIF 1.02**

- Processing method: Basic DCT
- Color mode: RGB/GrayScale
- Number of colors: 24bit/8bit
- Number of pixels: 38400 or less vertically and horizontally

* Does not support some samplings.

Cause

Unsupported JPEG data format.

What to Do

Check the JPEG data.

Printable file formats are as follows.

- **Files which conforms to JFIF 1.02**

- Processing method: Basic DCT
- Color mode: RGB/GrayScale
- Number of colors: 24bit/8bit
- Number of pixels: 38400 or less vertically and horizontally

* Does not support some samplings.

3336

Cause

Too many fonts are used in the PDF file, causing a memory shortage.

Printing will continue but some incorrect characters will be printed.

What to Do

Print the PDF file from a computer or convert the PDF file to JPEG and then print it.

3338

Cause

Resolution of JPEG data and printer settings are mismatched.

What to Do

Check the print results.

When the print results have problems, print using a printer driver.

3341

Cause

Print data including the image processing table was sent.

What to Do

Print data that includes the image processing table cannot be printed.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3342

Cause

Incorrect resolution value.

What to Do

Check the print settings.

If using printing software such as RIP (Raster Image Processor), contact the software manufacturer.

3350

Cause

Free space on the personal box on the printer hard disk is running low.

What to Do

Delete unneeded jobs stored in personal boxes.

➔ [Deleting Saved Jobs](#)

3351

Cause

100 jobs are stored in the personal box.

What to Do

Delete any unneeded jobs saved in the personal box.

➔ [Deleting Saved Jobs](#)

3352

Cause

The printer hard disk is full, so the job will only be printed.

(The print job will not be saved to the hard disk.)

What to Do

To save the print job, delete any unneeded jobs saved in the personal box.

➔ [Deleting Saved Jobs](#)

3414

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the address and port numbers of the sending mail server (SMTP server) are correct in the Remote UI mail server settings.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3415

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the address and port numbers of the receiving mail server (POP3 server) are correct in the Remote UI mail server settings.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3416

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the mail server and device secure connection (SSL) settings match.

Check the secure connection (SSL) settings in **Remote UI**.

➔ [Setting Mail Server](#)

Contact the mail server administrator to configure a secure connection (SSL) to the mail server.

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the mail server and device secure connection (SSL) settings match.

Check the secure connection (SSL) settings in **Remote UI**.

➔ [Setting Mail Server](#)

Contact the mail server administrator to configure a secure connection (SSL) to the mail server.

3418

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the sending mail server (SMTP server) is correctly configured in the Remote UI mail server settings.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3419

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the sending account and password are correctly configured in the Remote UI mail server settings.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3420

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the receiving mail server (POP3 server) is correctly configured in the Remote UI mail server settings.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3421

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the receiving account and password are correctly configured in the Remote UI mail server settings.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3422

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the settings on the mail server and the APOP settings on this device match.

Check this device's APOP settings in **Remote UI**.

➔ [Setting Mail Server](#)

Contact the mail server administrator for configuring APOP on the mail server.

3423

Cause

Communication with mail server failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check if the Remote UI mail server settings are correct.

➔ [Setting Mail Server](#)

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

3424

Cause

Sending mail failed.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Specify the correct destination mail address and try again.

3448

Cause

IP address is conflicting.

What to Do

Tap **OK** on the touch screen to dismiss the error.

Check the network configuration and change the network configuration to prevent a conflict with other network devices.

For details on changing the network configuration, refer to the documentation for your network device.

3451

Cause

Failed to communicate with the monitoring service center.

What to Do

Check the network connection and perform a communication test.

For details on changing the network configuration, refer to the documentation for your network device.

4111

Cause

The media type specified is incompatible with this device.

What to Do

Press the **Stop** button to stop printing.

Check the media type settings, and then try again.

Cause

Cannot print borderless for the following reasons.

- Printer driver is not set to **Fit Roll Paper Width**.
- Roll paper is not wide enough, or the paper is out of position.

What to Do

• Stopping printing

Tap **Cancel** on the touch screen.

• Replacing paper

Follow the steps below to replace the printer paper with paper that can be printed borderless.

1. Tap **Replace the paper and print** on the touch screen, then remove the roll paper.

➡ [Removing the Roll from the Printer](#)

2. Replace the printer paper with paper that can be printed borderless.

➡ [Loading Rolls in the Printer](#)

• Printing with the loaded paper

Tap **Print with the loaded paper**. on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

4114

Cause

The paper position is not suitable for borderless printing.

What to Do

Tap **OK** on the touch screen, then reload the paper.

Insert the roll paper firmly until it is against the roll holder flange.

➔ [Loading Rolls on the Roll Holder](#)

Cause

The paper is loaded askew.

What to Do

- **Reloading paper**

Tap **Replace the paper and print** on the touch screen, and then load the paper.

➔ [Loading Rolls in the Printer](#)

Insert the roll paper firmly until it is against the roll holder flange.

➔ [Loading Rolls on the Roll Holder](#)

- **Printing with the loaded paper**

Tap **Print with the loaded paper.** on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

- **Stopping printing**

Tap **Cancel** on the touch screen to stop printing.

▶▶ Note

- To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

However, note that this error may affect the printing quality.

Cause

The print job received contains settings not compatible with borderless printing.

What to Do

- **Changing the print job settings**

Follow these steps to change the settings of the print job to enable borderless printing.

1. Tap **Cancel** on the touch screen to stop printing.
2. Check that the paper source is set to Roll Paper in your application.
3. Check that banner printing is not set, and then try again.

See the media information list for media types compatible with borderless printing.

➔ Paper Information List

- **Printing with a border**

Tap **Print with border** on the touch screen.

Printing with a border is now enabled.

▶▶ Note

- To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

However, note that this error may affect the printing quality.

4122

Cause

The media type in the printer cannot be printed borderless.

What to Do

Tap **Cancel** on the touch screen to stop printing.

▶▶ Note

- See the media information list for media types compatible with borderless printing.
 - ➔ Paper Information List

4801

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC01-2F90 EC01-2F95 EC04-2F31 EC05-2F92 EC06-2F9A EC06-2F9B EC06-2F9C EC0F-2F96
EC11-2F2A EC12-2F29 EC12-2F2B EC12-2F2C EC13-2F17 EC15-2E23 EC16-2021 EC16-2022
EC16-2027 EC16-202A EC16-2038 EC21-2F51 EC21-2F54 EC21-2F57 EC21-2F59 EC21-2F61
EC21-2F67 EC21-2F70 EC21-2F71 EC21-2F72 EC22-2F30 EC22-2F47 EC23-260E EC23-2F11
EC23-2F18 EC23-2F32 EC25-2F16 EC31-2F1C EC31-2F1D EC31-2F1E EC31-2F22 EC33-2601
EC33-2F3A EC33-2F3D EC33-2F3E EC34-2602 EC34-2F3B EC35-2603 EC35-2F3C EC51-2F14
EC51-2F15 EC51-2FDD EC51-2FDE EC51-2FDF EC51-3301 EC51-3302 EC51-3303 EC54-290A
EC54-290D EC54-2910 EC54-2911 EC54-2912 EC55-2F20 EC55-2F6C EC58-2F12

4803

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC51-203C

4900

Cause

The printer hard disk is full.

What to Do

Press the **Stop** button to stop printing, and then take the following action.

- Cancel the print job in the job queue.
 - ➔ [Deleting Print Jobs](#)
- Delete unneeded jobs stored in personal boxes.
 - ➔ [Deleting Saved Jobs](#)

4901

Cause

The printer hard disk has not been formatted.

What to Do

Tap **OK** on the touch screen to begin formatting the hard disk.

When formatting is complete, the data on the hard disc will be erased and the printer will automatically restart.

Cause

The maximum number of jobs have been saved in the box.

What to Do

Take the actions below.

- Cancel the print job in the job queue.
 - ➔ [Deleting Print Jobs](#)
- Delete unneeded jobs stored in personal boxes.
 - ➔ [Deleting Saved Jobs](#)

▶▶ Note

- To stop printing, press the **Stop** button.

4905

Cause

A printer error has occurred.

What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

Detailed error codes

EC51-3304 EC51-3306 EC51-3307 EC51-3308 EC51-3309 EC51-330A

Cause

The width of the roll paper set in **Fit Roll Paper Width** in the printer driver is not the same as the width of the roll paper loaded in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Stopping printing**

Tap **Cancel** on the touch screen or press the **Stop** button.

- **Replacing the roll paper**

Follow the steps below to replace the paper with roll paper of the width set in the printer driver.

1. Tap **Replace the paper and print**, then remove the roll paper.

➡ [Removing the Roll from the Printer](#)

2. Replace the paper with paper of the width set in the printer driver.

➡ [Loading Rolls in the Printer](#)

Printing begins.

- **Printing without changes**

Tap **Print with the loaded paper..**

However, note that this error may cause paper jams and affect the printing quality.

▶▶▶ Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.

Cause

The media type specified in the printer driver is not the same as the media type loaded in the printer.

What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

- **Changing the printer driver print settings**

Follow the steps below to match the media type in the printer driver and the media type specified for the printer.

1. Tap **Cancel** on the touch screen to stop printing.
2. Change the media type in the printer driver settings to the media type loaded in the printer, and then try again.

- **Replacing paper**

Follow the steps below to match the media type in the printer driver and the media type specified for the printer.

1. Tap **Replace the paper and print** on the touch screen to stop printing.
2. Load the paper with the media type set in the printer driver, and then try again.

- ➡ [Loading and Printing on Rolls](#)
- ➡ [Loading and Printing on Sheets](#)

- **Printing without changes**

To continue printing, tap **Print with the loaded paper.** on the touch screen.

However, note that this error may cause paper jams and affect the printing quality.

Cause

Cannot print borderless for one of the following reasons.

- The paper size in the printer cannot be printed borderless.
- The paper is loaded askew.

What to Do

• Replacing paper

Follow the steps below to replace the printer paper with paper that can be printed borderless.

1. Tap **Replace the paper and print** on the touch screen, then remove the roll paper.

➔ [Removing the Roll from the Printer](#)

2. Replace the printer paper with paper that can be printed borderless.

➔ [Loading Rolls in the Printer](#)

Printing begins.

▶▶▶ Note

See the media information list for media types compatible with borderless printing.

➔ [Paper Information List](#)

• Reloading paper

Tap **Replace the paper and print** on the touch screen, and then load the paper.

➔ [Loading Rolls in the Printer](#)

Insert the roll paper firmly until it is against the roll holder flange.

➔ [Loading Rolls on the Roll Holder](#)

• Printing with the loaded paper

Tap **Print with the loaded paper.** on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

• Stopping printing

Tap **Cancel** on the touch screen to stop printing.

Cause

Cannot cut paper for one of the following reasons.

- Paper that has been cut remains on the output guide.
- There is a foreign object near the output slot that is obstructing the cutter blade.
- The paper is not being used under the recommended usage conditions.
- The paper in use cannot be used with **Automatic cut**.

What to Do

• Paper that has been cut remains on the output guide

Follow the steps below to resume printing.

1. Tip back the release lever and remove the paper.
2. Load the paper.
3. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

Printing will resume, starting from the page on which the error occurred.

➔ [Removing the Roll from the Printer](#)

• A foreign object near the output slot is obstructing the cutter blade

Follow the steps below to resume printing.

1. Open the top cover and remove any foreign objects.
2. If "**There is a job which has not been printed yet. Do you want to print this job?**" appears on the touch screen, tap **Yes**.

Printing will resume, starting from the page on which the error occurred.

• Paper not being used under the recommended usage conditions

Every paper type has different recommended conditions of use. Use all paper under its recommended usage conditions.

See the media information list for recommended usage conditions.

➔ Paper Information List

• The paper in use cannot be used with Automatic cut

Set the roll paper cutting method to **User cut** and cut the roll paper with a cutting implement such as scissors.

➔ [Specifying the Cutting Method for Rolls](#)

See the media information list for paper types that can be used with **Automatic cut**.

➔ Paper Information List

If this does not apply, there may be a cutter blade malfunction.

Contact your Canon dealer for assistance.

Cause

Paper feed adjustment may have failed for the following reasons.

- The paper for printing a test pattern is soiled. Otherwise, you have loaded colored paper.
- The printer may be exposed to strong light, such as direct sunlight, which can cause the sensors to malfunction.
- The test pattern was printed too faintly.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then take the following actions.

- Load unused paper.
- Make adjustments to ensure that the printer is not exposed to strong light.
- Print a nozzle check pattern to check the print head status.

If the pattern has gaps or horizontal white lines, the print head nozzle is blocked. Clean the print head.

➔ [Checking for Nozzle Clogging](#)

4932

Cause

The print head cannot be calibrated because the printer is loaded with very transparent film-type paper.

What to Do

Tap **OK** on the touch screen to dismiss the error.

We recommend calibrating the print head with a frequently used, non-film paper.

➔ [Automatic Adjustment to Straighten Lines and Colors](#)

Cause

The print head nozzle may be blocked.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.
 - ➔ [Checking for Nozzle Clogging](#)
3. If the nozzle is blocked, clean the print head.
 - ➔ [Cleaning the Print Head](#)
4. Repeat **Print Head Alignment**.
 - ➔ [Automatic Adjustment to Straighten Lines and Colors](#)

Cause

The print head nozzle may be blocked.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.
 - ➔ [Checking for Nozzle Clogging](#)
3. If the nozzle is blocked, clean the print head.
 - ➔ [Cleaning the Print Head](#)
4. Repeat **Print Head Alignment**.
 - ➔ [Automatic Adjustment to Straighten Lines and Colors](#)

Cause

The print head nozzle may be blocked.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.
 - ➔ [Checking for Nozzle Clogging](#)
3. If the nozzle is blocked, clean the print head.
 - ➔ [Cleaning the Print Head](#)
4. Repeat **Print Head Alignment**.
 - ➔ [Automatic Adjustment to Straighten Lines and Colors](#)

Cause

Print head position adjustment failed.

What to Do

Follow the steps below to repeat **Print Head Alignment**.

1. Tap **OK** on the touch screen to dismiss the error.
2. Print a test pattern to check the nozzles.
 - ➔ [Checking for Nozzle Clogging](#)
3. If the nozzle is blocked, clean the print head.
 - ➔ [Cleaning the Print Head](#)
4. Retry **Print Head Alignment**.
 - ➔ [Automatic Adjustment to Straighten Lines and Colors](#)

If any print head nozzles are still blocked, replace the print head.

- ➔ [Replacing the Print Head](#)

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

4950

Cause

WPS (Push button method) connection failed.

What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

4951

Cause

AOSS (BUFFALO) connection failed.

What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

4952

Cause

Failed to connect to the wireless router.

What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

4953

Cause

Failed to acquire IP address.

What to Do

Check the information that appears on the touch screen, and then try connecting again.

4954

Cause

Failed to set up Wi-Fi using Easy wireless connect.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then configure the settings again.

4955

Cause

IPv4/IPv6 settings were changed, but wired LAN and Wi-Fi are disabled.

What to Do

Tap **OK** on the touch screen to dismiss the error, and then enable wired LAN or Wi-Fi.

4956

Cause

Attempted to change LAN settings, but they cannot be changed for the following reasons.

- Printer is operating
- Printer currently being configured using **Remote UI**

What to Do

Tap **OK** on the touch screen to dismiss the error, exit other processes and then configure the settings again.

5106

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC03-4061

5200

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC21-2F7E

5B16

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC22-4001

5B20

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC25-4001 EC41-4001 EC43-4001 EC44-4001 EC47-4001

5B21

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC48-4001

5C00

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC31-4001

6502

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC56-2FE0

6700

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC57-404F

6702

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC57-4040

6820

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC07-4060 EC51-4041 EC51-4042 EC51-4045 EC51-4046 EC51-4047 EC51-404C EC51-404D
EC51-404E EC51-4070 EC51-4071 EC51-4072

6900

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3000

6901

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3001

6902

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3006

6910

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3002

6911

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3003

6920

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3004

6921

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3005

6930

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3100

6931

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3101

6932

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3102

6933

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3103

6940

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3104

6941

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3105

6942

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3106

6943

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3107

6944

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3108

6945

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3109

6946

Cause

A printer error has occurred.

What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

Detailed error codes

EC51-3110

7050

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-5001

7051

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-5002

7052

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-5003

8200

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC24-4049 EC24-404A EC24-404B

9000

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC51-2F07

9110

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC52-4038 EC52-4039

B20A

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC03-403A

B510

Cause

A printer error has occurred.

What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

Detailed error codes

EC32-4001