



BX110 series TR160 series Online Manual

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Appendix

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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.

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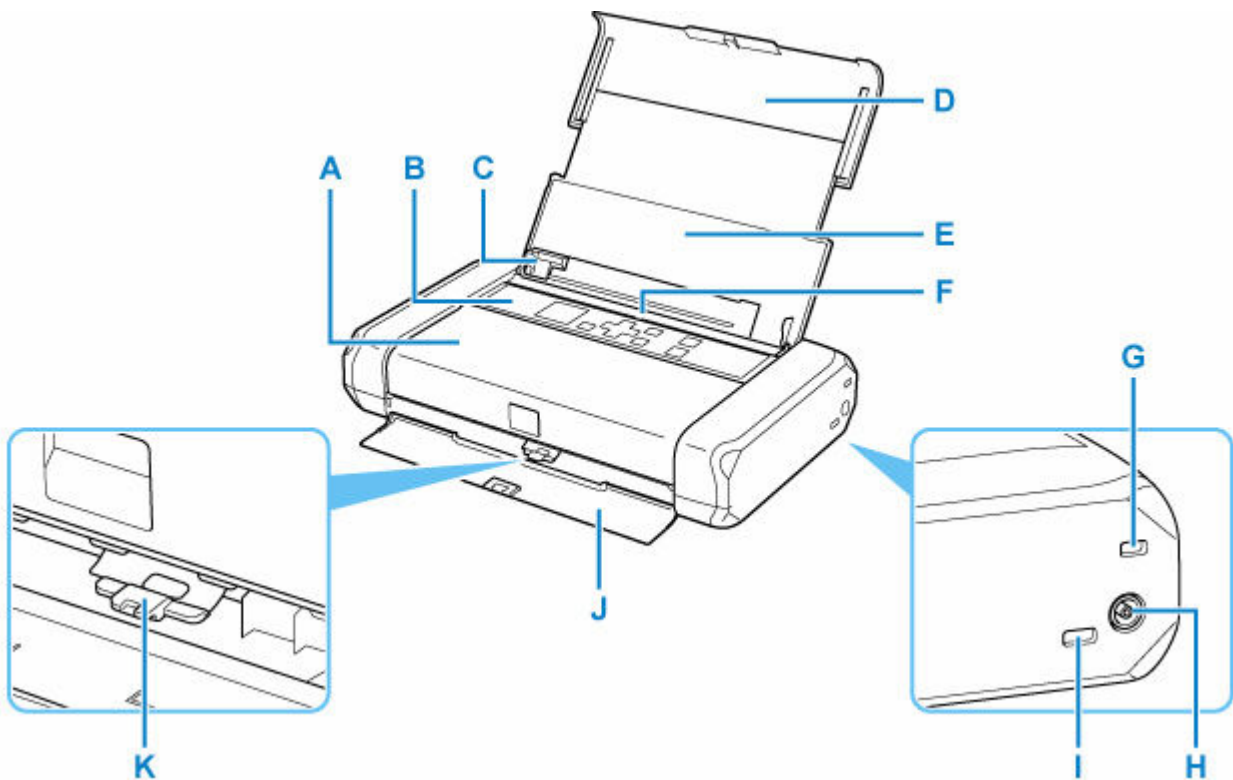
Main Components and Their Use

- **Main Components**
- **Power Supply**
- **Loading Paper**

Main Components

- **Front View**
- **Rear View**
- **Inside View**
- **Operation Panel**

Front View



A: Print Head Cover

Open to replace an ink tank or to remove jammed paper inside the printer.

B: Operation Panel

Use to change the settings of the printer or to operate it.

➔ [Operation Panel](#)

C: Paper Guide

Align with the left side of the paper stack.

D: Paper Support

Extend to load paper in the rear tray.

E: Rear Tray Cover

Open to load paper in the rear tray.

F: Rear Tray

Load paper here. Two or more sheets of the same size and type of paper can be loaded at the same time, and fed automatically one sheet at a time.

➔ [Loading Photo Paper / Plain Paper](#)

➔ [Loading Envelopes](#)

G: Security Slot

Insert the security wire or other materials as a protection against theft.

H: AC Adapter Connector

Plug in the supplied AC adapter plug here.

I: USB Port

Plug in the USB cable to connect the printer with a computer.

J: Paper Output Slot Cover

Printed paper is ejected.

K: Paper Thickness Lever

Switches the clearance between the print head and the loaded paper to match the media type.

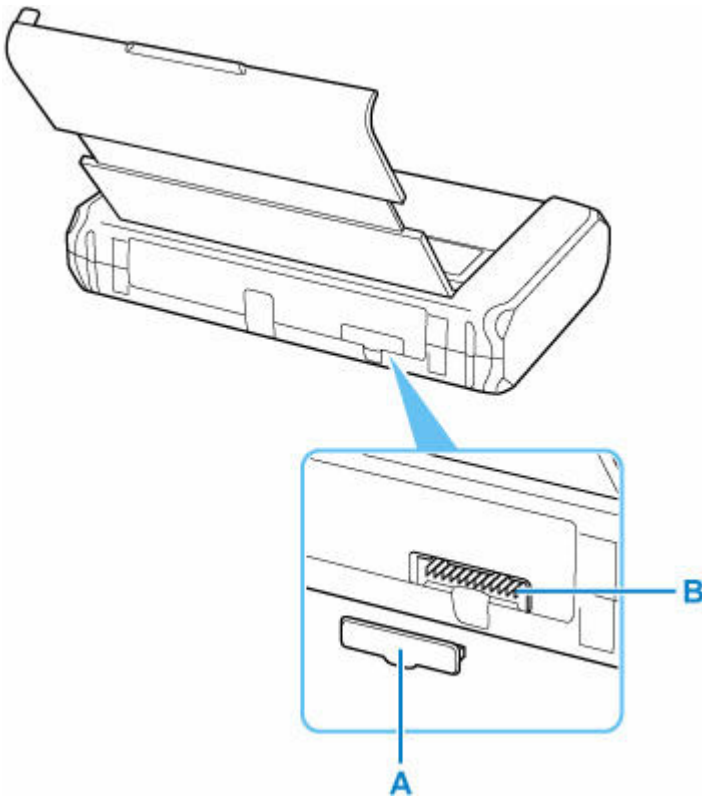
Set to the left when printing on envelopes.

Set to the right when printing on paper other than envelopes.

▶▶ Important

- Do not touch the metal casing.
- Do not plug in or unplug the USB cable while the printer is printing with the computer. This can cause trouble.

Rear View



A: Battery Connector Cover

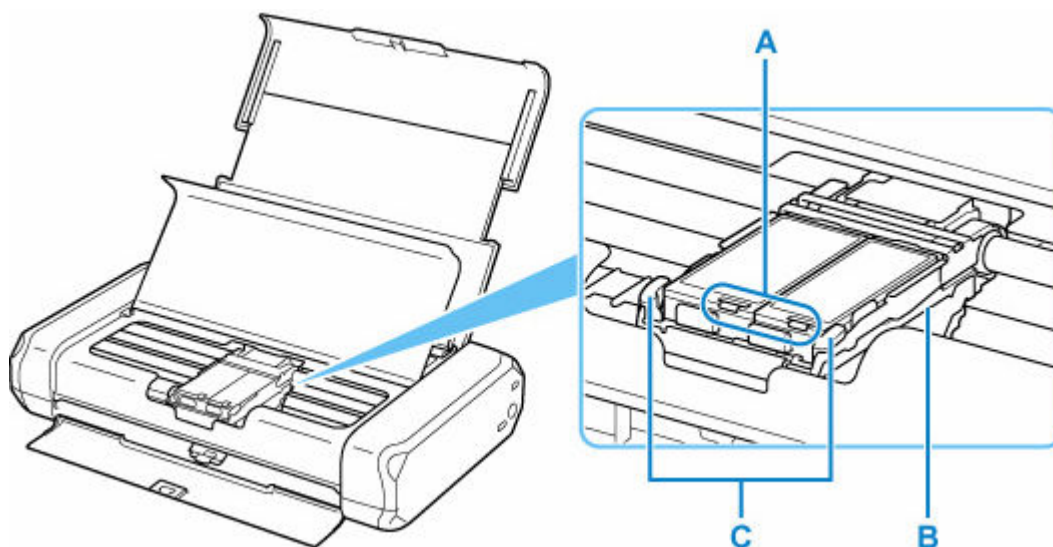
Covers the battery connector. When the battery is unplugged from the connector, use this cover to protect the battery connector.

B: Battery Connector

Connects the battery.

For how to connect and use the battery, refer to Using the Battery.

Inside View



A: Ink lamps

Lights or flashes to indicate the ink tank status.

Lights: The ink tank is correctly installed.

Flashing slowly (at around 3-second intervals): The ink is running low. Prepare a new ink tank.

Flashing fast (at around 1-second intervals): Ink has run out.

Off: The ink tank is not installed properly or the function for detecting the remaining ink level is disabled.

B: Print Head Holder

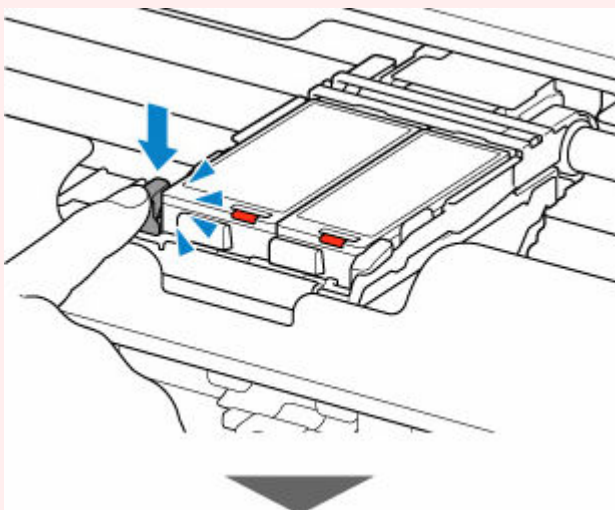
Install the print head here.

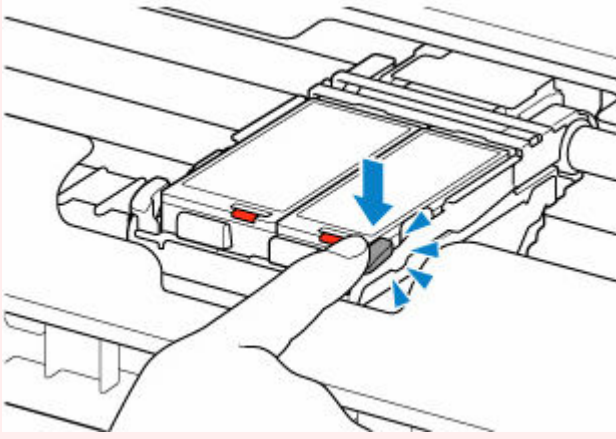
C: Print Head Lock Lever

Locks the print head into place.

►► Important

- Do not pull up the print head lock lever after installing the print head.
- If you pull up the print head lock lever after installing the print head, push both tabs in left to right order until each clicks into place.

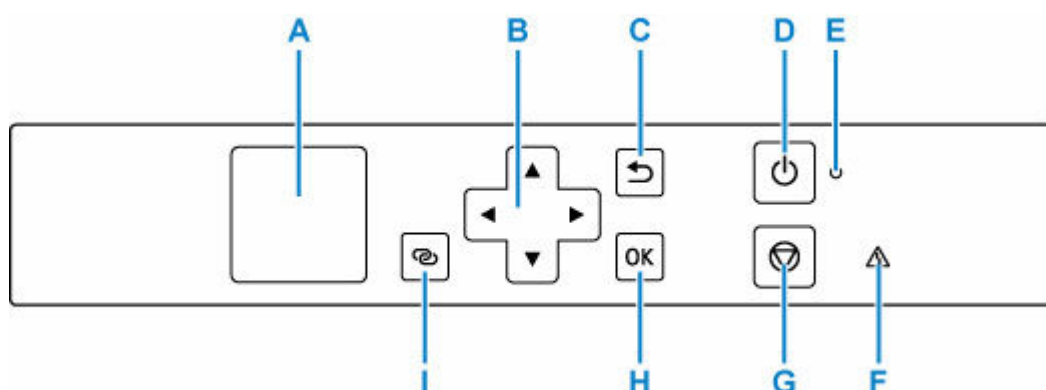




▶▶▶ Note

- For details on replacing an ink tank, see [Replacing Ink Tanks](#).

Operation Panel



A: LCD (Liquid Crystal Display)

Displays messages, menu items, and the operational status.

- ➔ [LCD and Operation Panel](#)
- ➔ [Entering Numbers, Letters, and Symbols](#)

B: ▲, ▼, ◀, and ▶ buttons

Used to select a setting item.

C: Back button

Returns the LCD to the previous screen.

D: ON button

Turns the power on or off.

- ➔ [Turning the Printer On and Off](#)

E: ON lamp

Lights after flashing when the power is turned on.

F: Alarm lamp

Lights or flashes when an error occurs.

G: Stop button

Cancels operation when printing is in progress or when selecting a menu item.

H: OK button

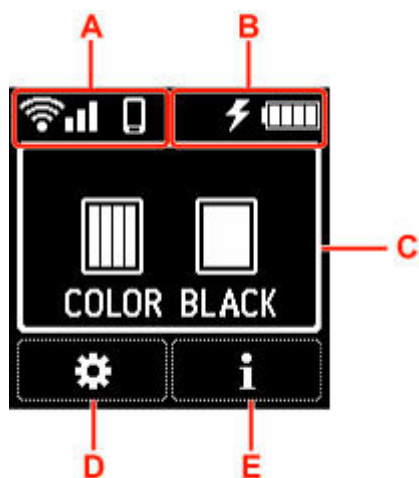
Finalizes your selection of items. Also used to resolve errors.

I: Wireless connect button

To set wireless router information in the printer directly from a smartphone or other such device (without having to do any procedures at the router), hold down this button.


LCD and Operation Panel

The HOME screen appears when the printer is turned on.



A: Network

Icons depicting the Wi-Fi setting and the network status indicate by the icon in the standby screen.

If the  icon appears on the LCD, it indicates that Wi-Fi is enabled and the printer is connected to the wireless router.

Depending on the signal state, the icon will change.

 **Signal strength:** 81 % or more


You can use the printer over 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 recommend 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.

»» Note

-  Wireless Direct is enabled.
-  Wi-Fi and Wireless Direct are disabled.

B: Battery information

When using the battery, the battery status appears by the icons.

 The battery charging remaining is 75% to 100%.



The battery charging remaining is 50% to 70%.








The battery charging remaining is 25% to 45%.



The battery charging remaining is 20% or below.

»» Note

-  This appears when the battery is charged by AC adapter.
-  This appears when the battery charging remaining is 20% or below.
-  This appears when the battery cannot be charged due to its temperature is high or low. When the battery icon appears as , the battery is not available.
- Select  (Hint) on the HOME screen and then select **Battery information** to check the details of battery status.
 - ➔ [Checking Battery Status on the LCD](#)

C: Ink information

Display ink status.

- ➔ [Checking Ink Status on the LCD](#)

D: Setup

Select when setting, changing, or maintaining the printer.



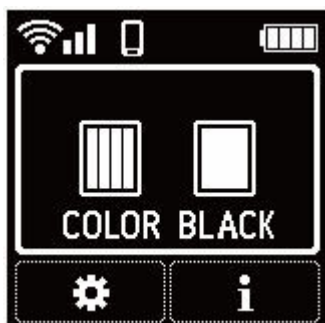
(NEW) appears when there is an update notification of the printer.

E: Hint

Select when displaying the quick guide for how to load paper, how to resolve errors, or other information, when checking ink remaining level, or when displaying printer information.

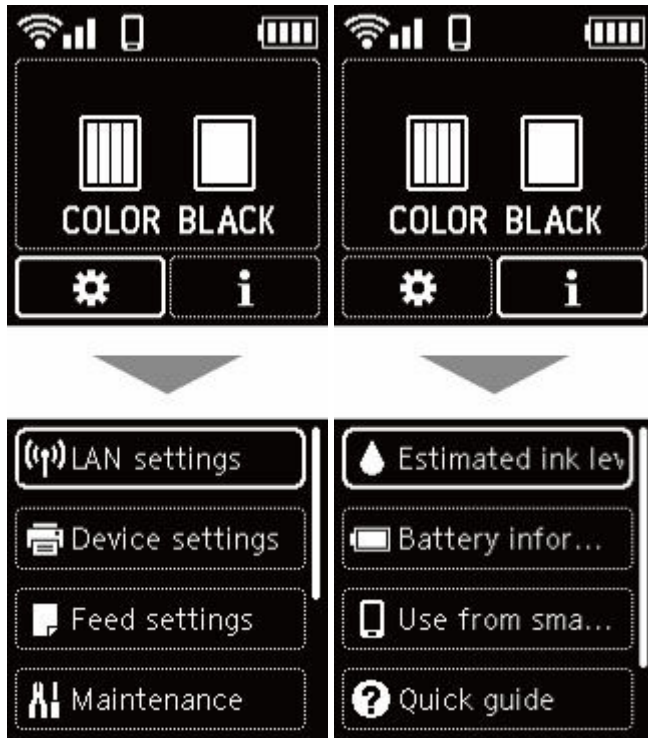
Selecting a Menu or Setting Item

1. Press ▼ button on HOME screen.



2. Use the ◀ ▶ button to select, and press **OK** button.

The menu screen appears.

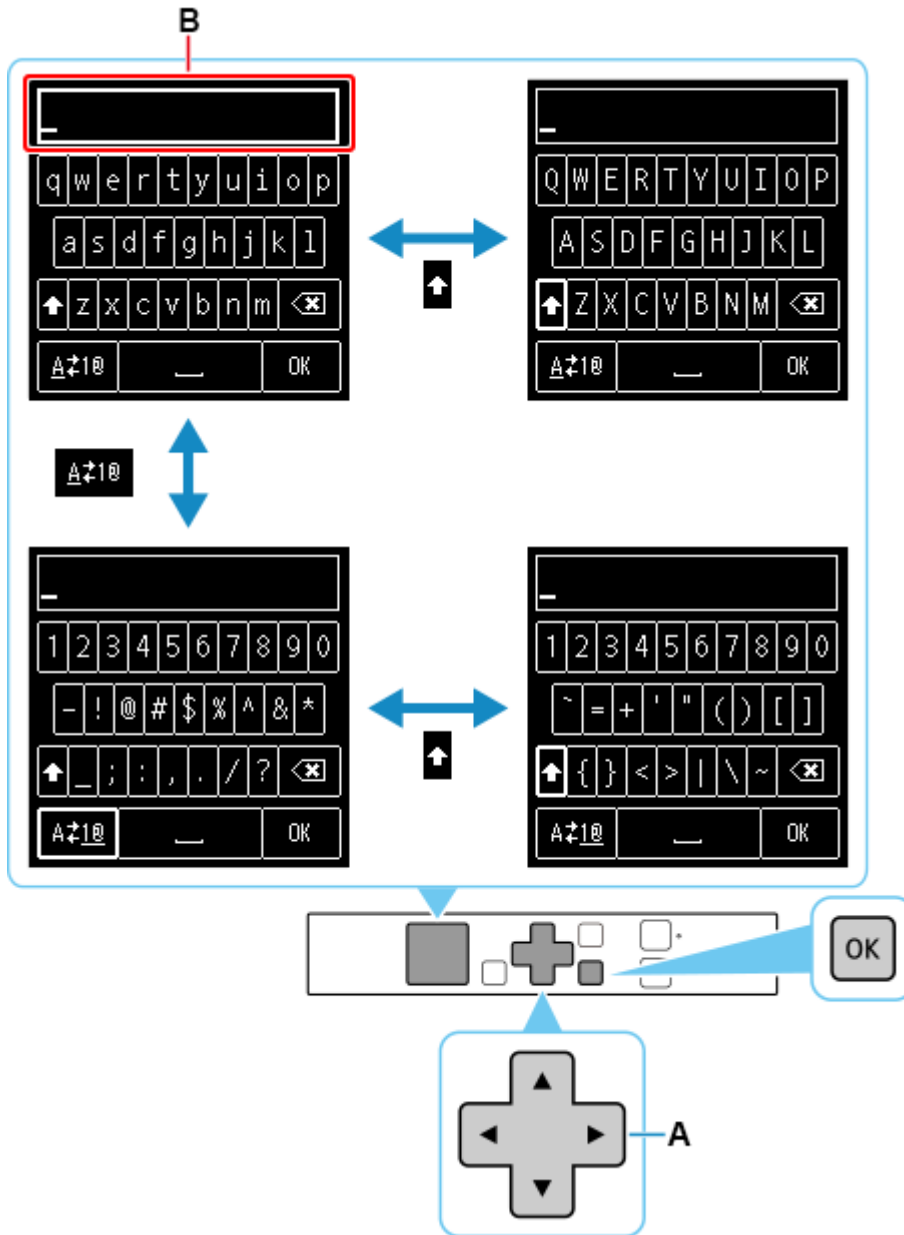


»» Note

- For details on how to change settings, refer to [Changing Settings from Operation Panel](#).

Entering Numbers, Letters, and Symbols

You can enter text when a keyboard is shown on the printer. Follow the procedure below.



1. Use the ▲ ▼ ◀ ▶ buttons (A) to select the character you want to enter, and then press



Switches between "lower case letters" and "numbers and symbols."



Switches between upper and lower case letters while letters of the alphabet appear. Switches symbol types while numbers and symbols appear.



Inserts a space.



Deletes the character at the cursor. Select (B) of the screen using the ▲ or ▼ button, and then move the cursor to the target character using the ◀ or ▶ button.

2. Repeat 1 until text entry is complete.

▶▶▶ Note

- To insert characters, select (B) of the screen using the ▲ or ▼ button, move the cursor to the character on the right of the target position using the ◀ or ▶ button, and then enter characters.

Power Supply

- **Turning the Printer On and Off**
- **Using the Battery**
- **Checking Battery Status on the LCD**

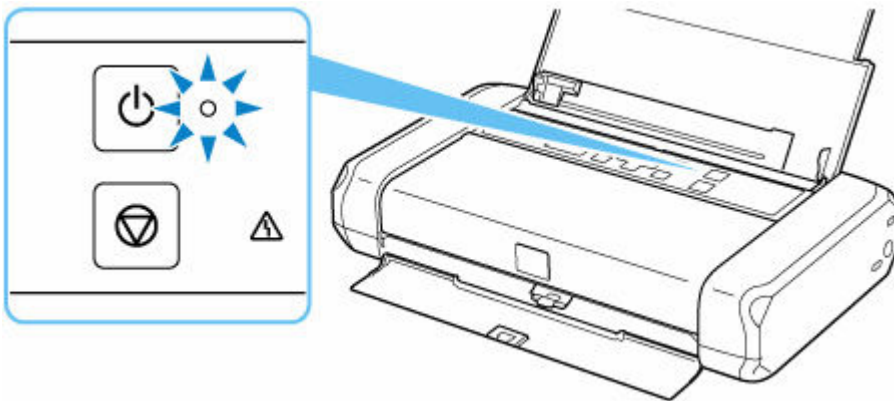
Turning the Printer On and Off

- ➔ [Checking that Power Is On](#)
- ➔ [Turning on the printer](#)
- ➔ [Turning off the printer](#)

Checking that Power Is On

The **ON** lamp is lit when the printer is turned on.

Even if the LCD is off, if the **ON** lamp is lit, the printer is on.



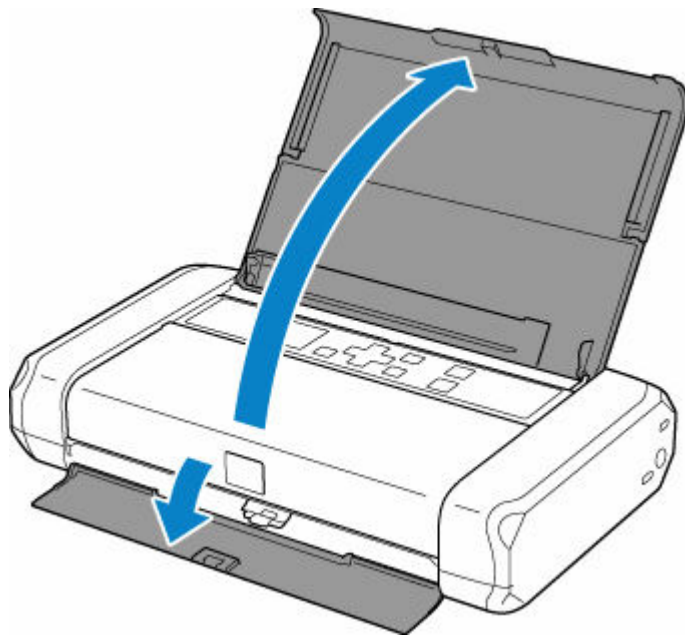
▶▶▶ Note

- It may take a while for the printer to start printing immediately after you turn on the printer.
- The LCD will turn off if the printer is not operated for about 3 minutes. To restore the display, press any button or perform the print operation.

Turning on the printer

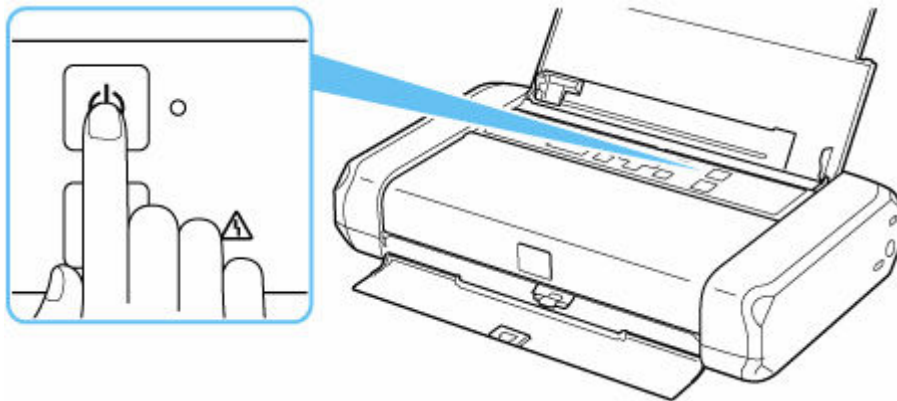
1. Open the rear tray cover.

The paper output slot cover opens automatically.



2. Press the **ON** button until the **ON** lamp is lit to turn on the printer.

➔ [Checking that Power Is On](#)



➤➤➤ Note

- It may take a while for the printer to start printing immediately after you turn on the printer.
- If an error message is displayed on the LCD, see [When Error Occurred](#).
- You can set the printer to automatically turn on when a print operation is performed from a computer connected by USB cable or wireless network. This feature is set to off by default.

From the printer

➔ [ECO settings](#)

From the computer

– For Windows:

➔ [Managing the Printer Power](#)

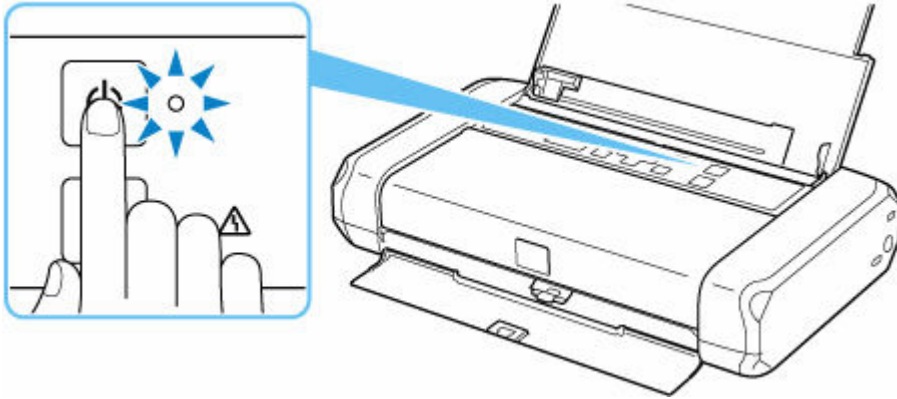
– For macOS:

➔ [Managing the Printer Power](#)

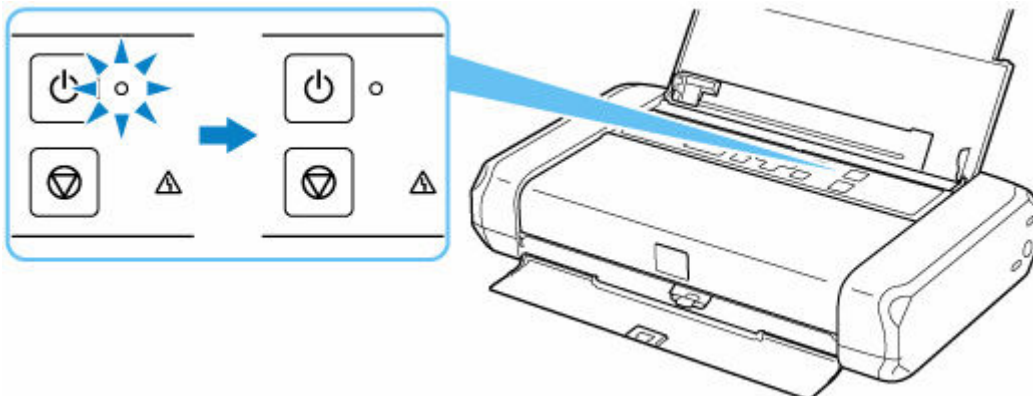
- If you use the battery, make sure that it is charged. For details on how to check it, refer to Using the Battery.

Turning off the printer

1. Press the **ON** button for more than one second to turn off the printer.

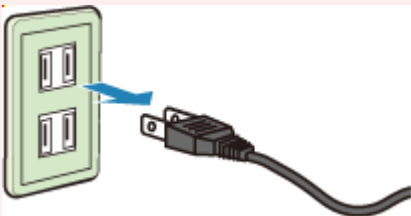


2. Confirm that the **ON** lamp is off.



»» Important

- When you unplug the power cord, press the **ON** button, then confirm that the **ON** lamp is off. Unplugging the power cord while the **ON** lamp is lit or flashing may cause drying or clogging of the print head and print quality may be reduced.




- If you stand the printer up or carry the printer before the **ON** lamp goes off, this may cause the ink to leak or the printer to break.

»» Note

- It may take up to 40 seconds until the power is turned off.

Checking Battery Status on the LCD

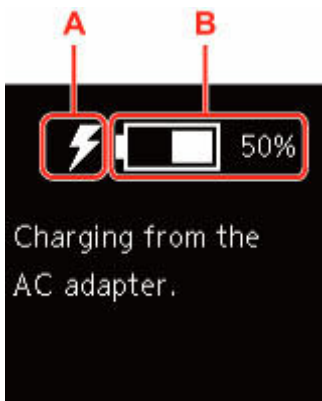
1. [Check that printer is turned on.](#)

2. Select  (Hint) on HOME screen.

➔ [LCD and Operation Panel](#)

The menu screen of tips appears.

3. Select **Battery information.**



A: Depending on the battery status, the following icons appear.



This appears when the battery is charged by AC adapter.



This appears when the battery charging remaining is 20% or below.



This appears when the battery cannot be charged due to its temperature is high or low. When the

battery icon appears as , the battery is not available.

B: The battery charge remaining appears.

Loading Paper

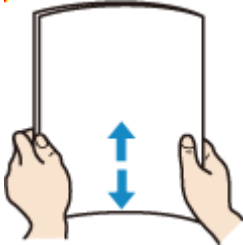
- **Loading Photo Paper / Plain Paper**
- **Loading Envelopes**

Loading Photo Paper / Plain Paper

You can load plain paper or photo paper.

1. Prepare paper.

Align the edges of paper. If paper is curled, flatten it.



▶▶▶ Note

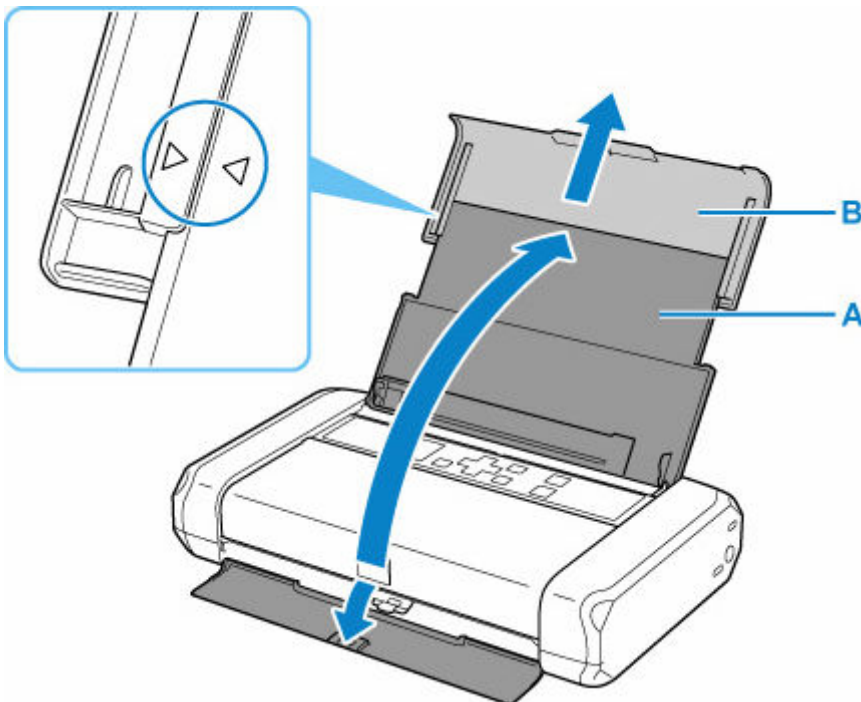
- Align the edges of paper neatly before loading. Loading paper without aligning the edges may cause paper jams.
- If paper is curled, hold the curled corners and gently bend them in the opposite direction until the paper becomes completely flat.

For details on how to flatten curled paper, see **Check3** in [Printed Surface Is Smudged/ Scratched/Ink Blots/Paper Curl/Paper Is Smudged During Automatic 2-sided Printing](#).

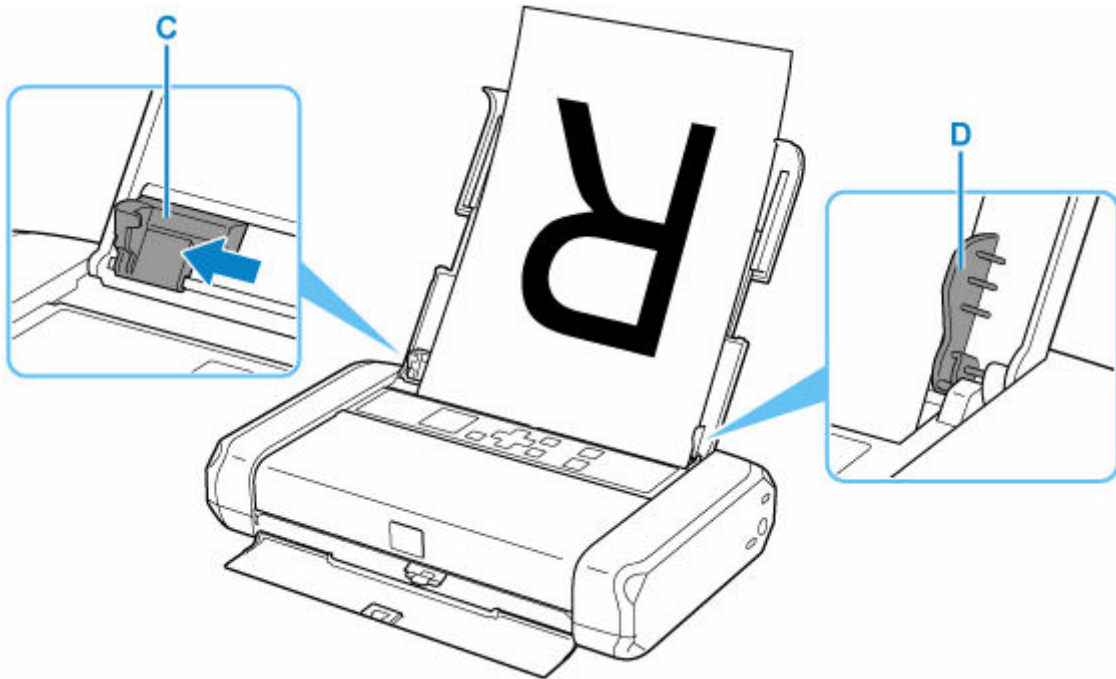
2. Open the rear tray cover (A).

The paper output slot cover will open automatically.

3. Pull out the paper support (B) until the arrow (▶) mark is aligned with the arrow (◀) mark.

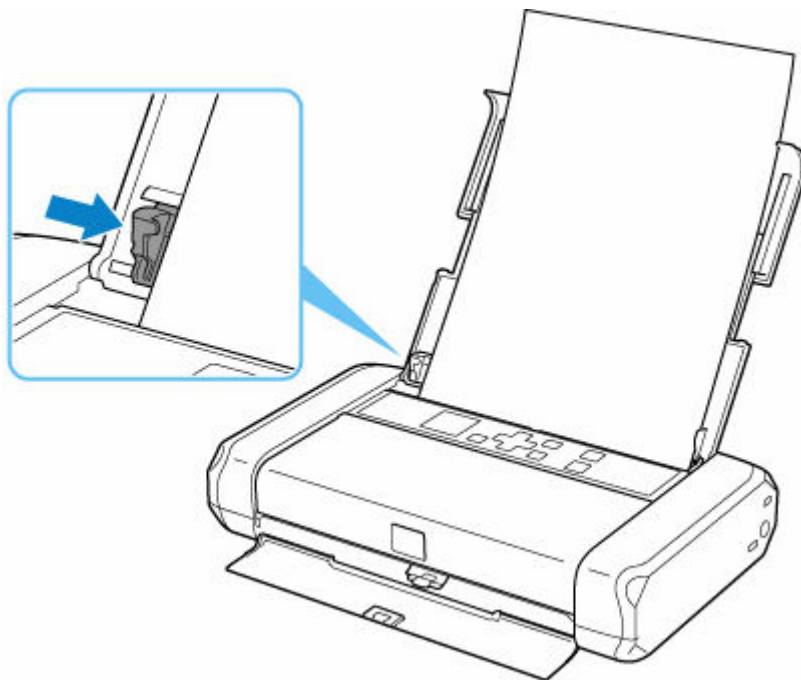


4. Slide the paper guide (C) to the left, and load the paper against the far right (D) of the rear tray WITH THE PRINT SIDE FACING YOU.



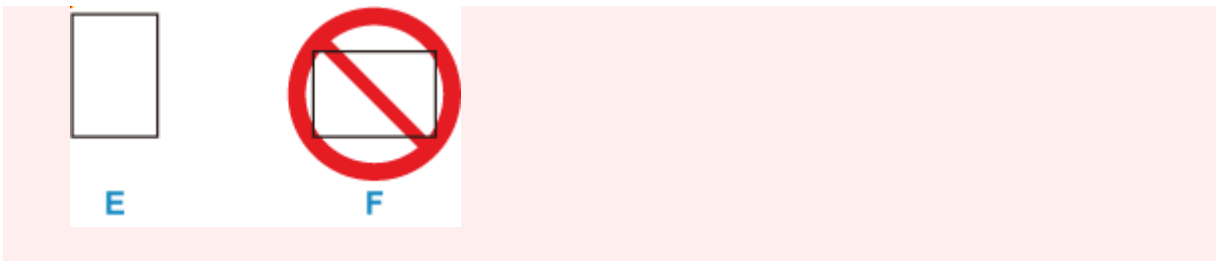
5. Slide the paper guide to align it with the paper stack.

Do not slide the paper guide too hard against the paper. The paper may not be fed properly.



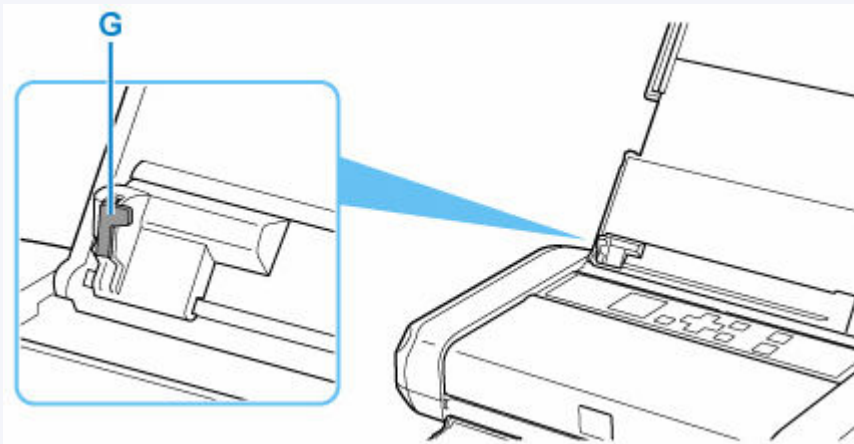
»» Important

- Always load paper in portrait orientation (E). Loading paper in landscape orientation (F) can cause paper jams.

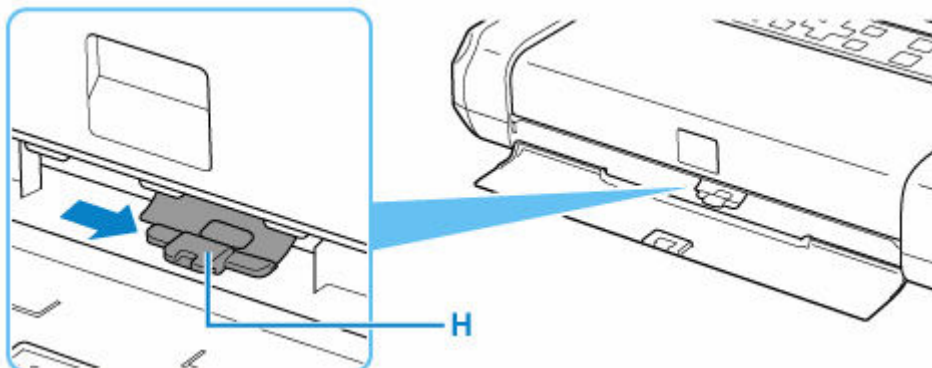


▶▶▶ **Note**

- Keep the paper stack height below the tab (G) of the paper guide.



6. Set the paper thickness lever (H) to the right.



▶▶▶ **Note**

- If the corners or edges of the paper are smudged, try to print with the paper thickness lever set to the left. It may improve print quality. Reset the paper thickness lever to the right when you finish printing.

After closing the feed slot cover, the paper setting confirmation screen for the rear tray appears on the LCD.

7. If page size and media type on LCD match size and type of paper loaded in rear tray, select **OK**.

If not, select **Change** to change the settings in accordance with the size and type of the loaded paper.



▶▶▶ Note

- There are various types of paper, such as paper with a special surface coating for printing photos at optimal quality and paper suitable for documents. Each media type has specific preset settings (how ink is used and sprayed, distance from nozzles, etc.), that allow you to print to that type with optimal image quality. The wrong paper settings may cause poor printout color quality or scratches on the printed surface. If you notice blurring or uneven colors, increase the print quality setting and try printing again.
- To prevent incorrect printing, this printer has a function that detects whether the settings for the paper loaded on the rear tray matches the paper settings. Before printing, make print settings in accordance with the paper settings. When this function is enabled, an error message is displayed if these settings do not match to prevent incorrect printing. When this error message is displayed, check and correct the paper settings.

Loading Envelopes

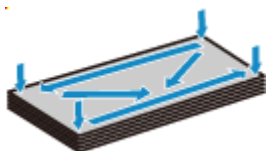
The address is automatically rotated and printed according to the envelope's direction by specifying with the printer driver properly.

Important

- Do not use the following envelopes. They could jam in the printer or cause the printer to malfunction.
 - Envelopes with an embossed or treated surface
 - Envelopes with a double flap
 - Envelopes whose gummed flaps are already moistened and adhesive

1. Prepare envelopes.

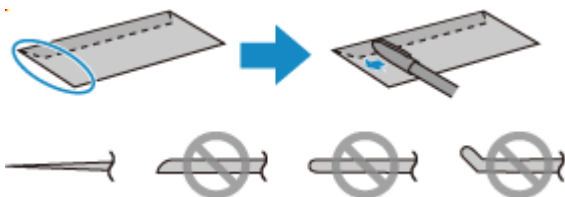
- Press down on all four corners and edges of the envelopes to flatten them.



- If the envelopes are curled, hold the opposite corners and gently twist them in the opposite direction.



- If the corner of the envelope flap is folded, flatten it.
- Use a pen to press the leading edge in the inserting direction flat and sharpen the crease.



The figures above show a side view of the leading edge of the envelope.

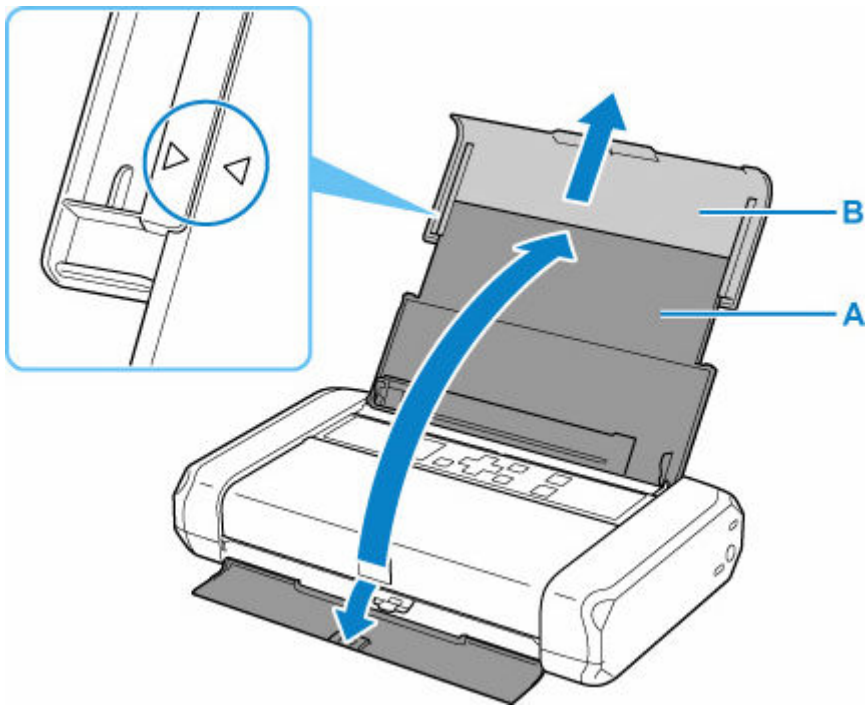
Important

- The envelopes may jam in the printer if they are not flat or the edges are not aligned. Make sure that no curl or puff exceeds 0.12 in. (3 mm).

2. Open the rear tray cover (A).

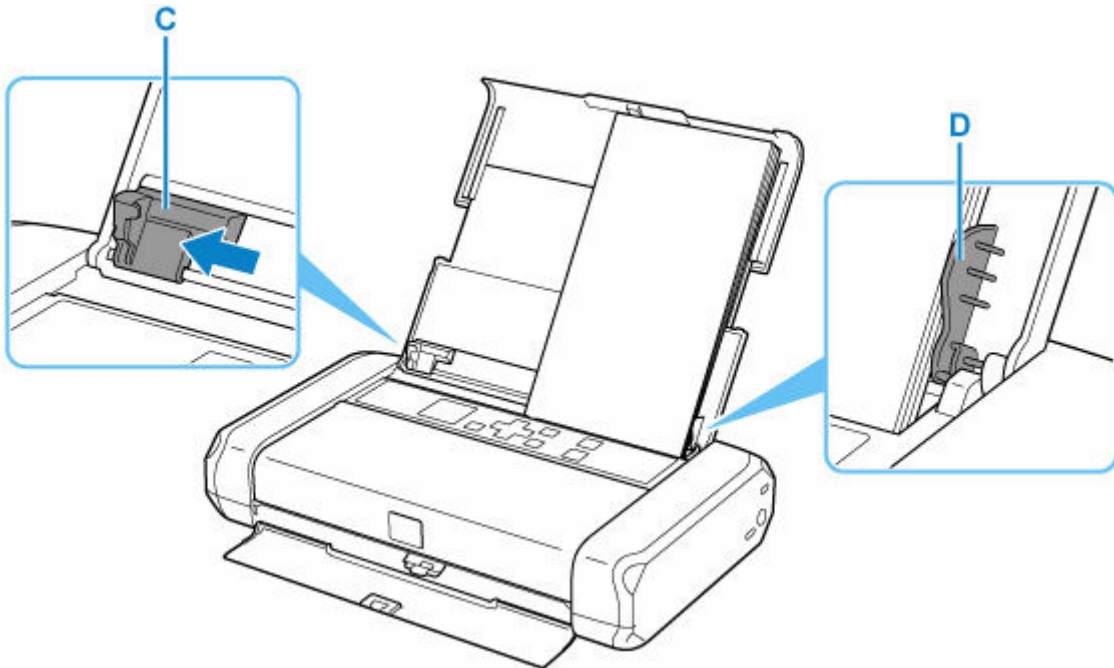
The paper output slot cover will open automatically.

3. Pull out the paper support (B) until the arrow (▶) mark is aligned with the arrow (◀) mark.



4. Slide the paper guide (C) to the left, and load the envelopes against the far right (D) of the rear tray WITH THE PRINT SIDE FACING YOU.

Up to 10 envelopes can be loaded at once.

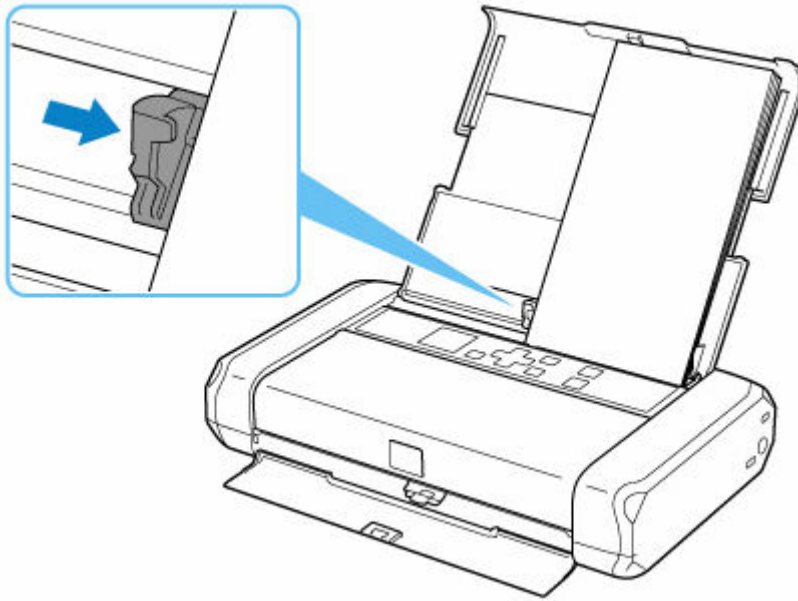


Fold flap of the envelope and load the envelope in portrait orientation with the address side facing up.



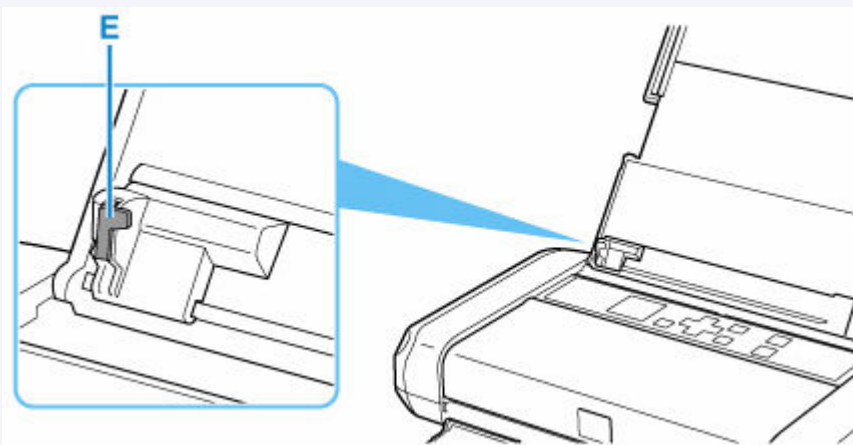
5. Slide the paper guide to align it with the envelopes.

Do not slide the paper guide too hard against the envelopes. The envelopes may not be fed properly.

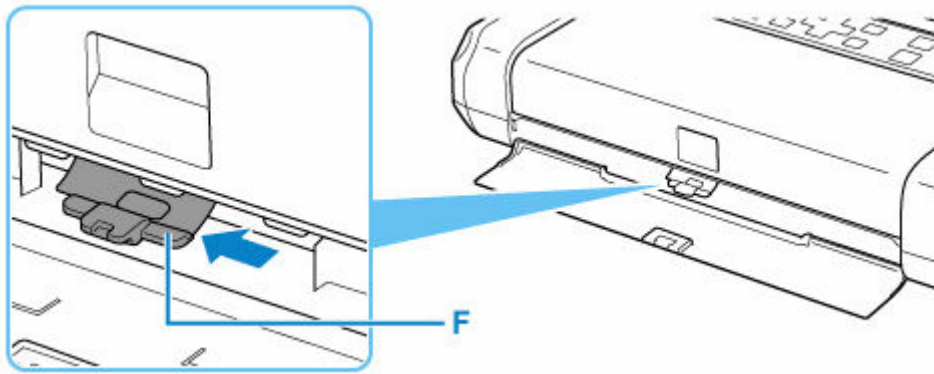


►►► **Note**

- Keep the envelope stack height below the tab (E) of the paper guide.



6. Set the paper thickness lever (F) to the left.



▶▶▶ Note

- Reset the paper thickness lever to the right when you finish printing.

After closing the feed slot cover, the paper setting confirmation screen for the rear tray appears on the LCD.

7. If page size and media type shown on LCD match size and type of envelopes loaded in rear tray, select **OK**.

If not, select **Change** to change the settings in accordance with the size and type of the loaded envelopes.



▶▶▶ Note

- To prevent incorrect printing, this printer has a function that detects whether the settings for the paper loaded on the rear tray matches the paper settings. Before printing, make print settings in accordance with the paper settings. When this function is enabled, an error message is displayed if these settings do not match to prevent incorrect printing. When this error message is displayed, check and correct the paper settings.

Replacing Ink Tanks

- **Replacing Ink Tanks**
- **Checking Ink Status on the LCD**

Replacing Ink Tanks

When remaining ink cautions or errors occur, the message will appear on the LCD to inform you of the error. In this state, the printer cannot print. Take appropriate action according to the message.

➔ [When Error Occurred](#)

▶▶▶ Note

- For precautionary notes on handling ink tanks, see [Notes on ink tanks](#).

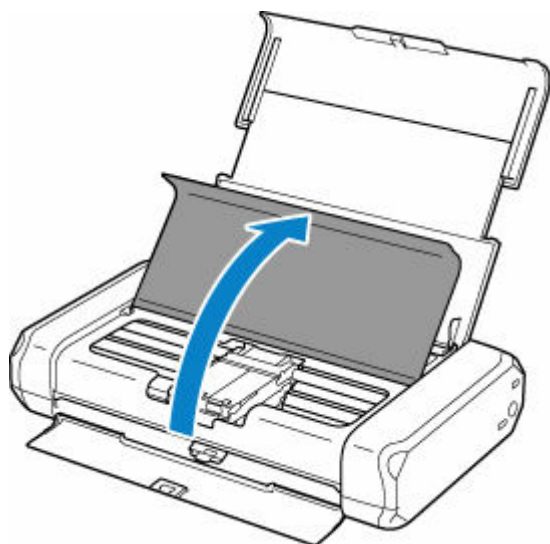
Replacing Procedure

When you need to replace an ink tank, follow the procedure below.

1. [Check that printer is turned on.](#)

2. Open the print head cover.

The print head holder moves to the replacement position.



⚠ Caution

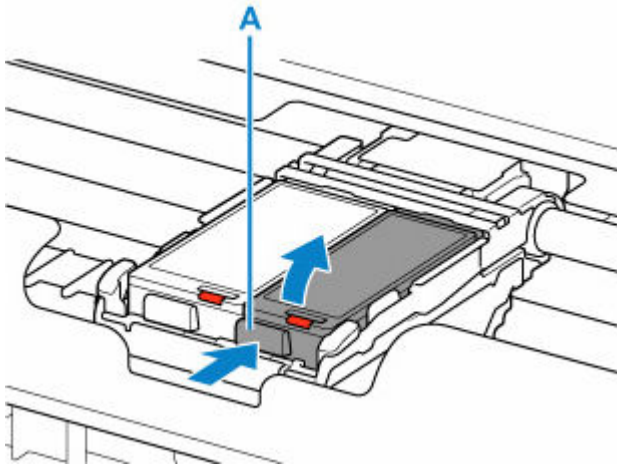
- Do not hold the print head holder to stop or move it forcibly. Do not touch the print head holder until it stops completely.

▶▶▶ Important

- Do not touch the metallic parts or other parts inside the printer.

3. Remove the ink tank where the ink runs out.

Push the tab (A) and lift the ink tank to remove.

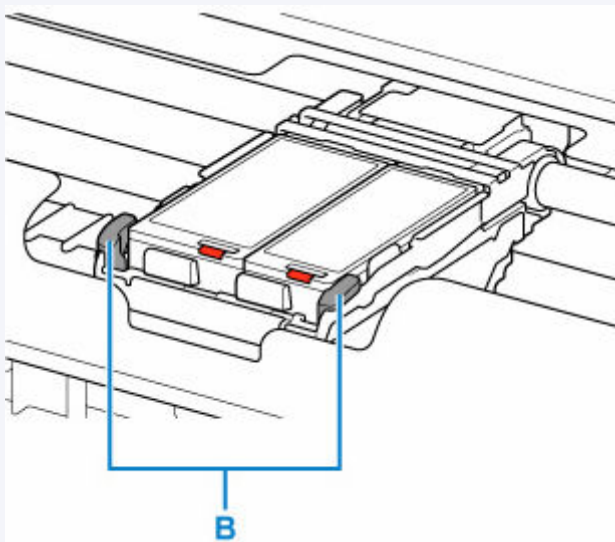


►► Important

- Do not touch other parts besides the ink tanks.

►► Note

- Do not touch the print head lock lever (B).

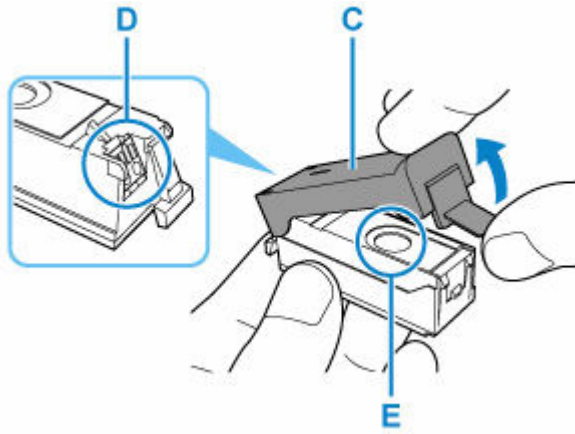


If you pull up the print head lock lever, lock it again.

➔ [Inside View](#)

- Do not remove both ink tanks at the same time. Be sure to replace ink tanks one by one when replacing both ink tanks.

4. Remove the new ink tank from its packaging, then remove the protective cap (C) from the bottom of the ink tank.

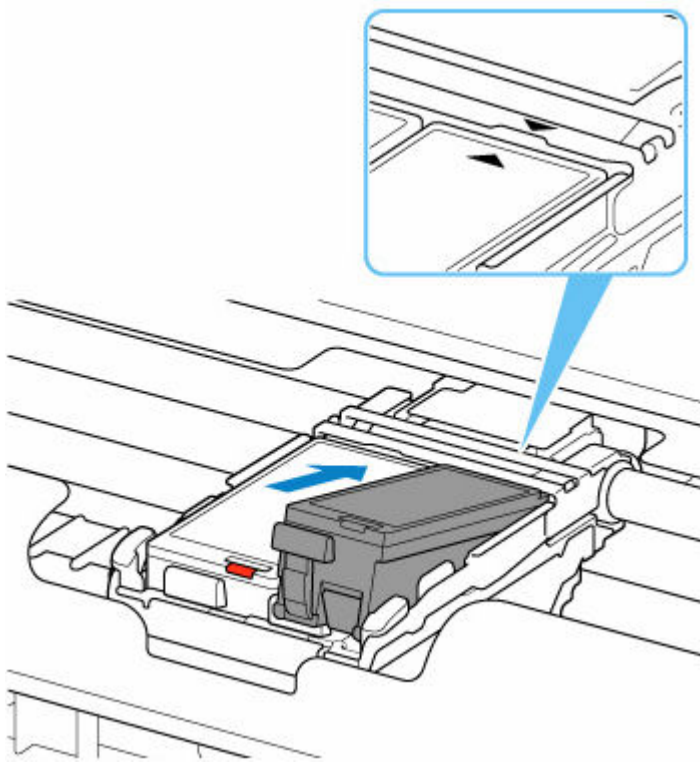


►► Important

- Do not touch the electrical contacts (D) on the ink tank. Doing so can cause the printer to malfunction or become unable to print.
- Shaking ink tanks may cause ink to spill out and stain clothing or the surrounding area. Handle ink tanks carefully.
- Do not touch the inside of the protective cap (C) or the open ink port (E). The ink may stain your hands if you touch them.
- Do not reattach the protective cap (C) once you have removed it. Discard it according to the local laws and regulations regarding disposal of consumables.
- Do not touch the open ink port (E) once the protective cap (C) is removed, as this may prevent the ink from being ejected properly.

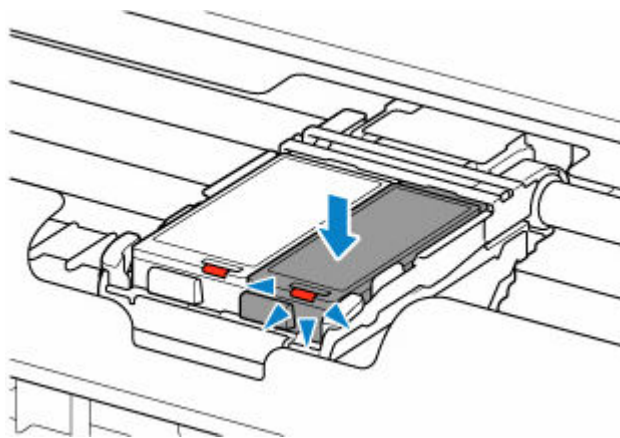
5. Insert the front end of the ink tank into the print head at a slant.

Align the ▽ mark with the △ mark.



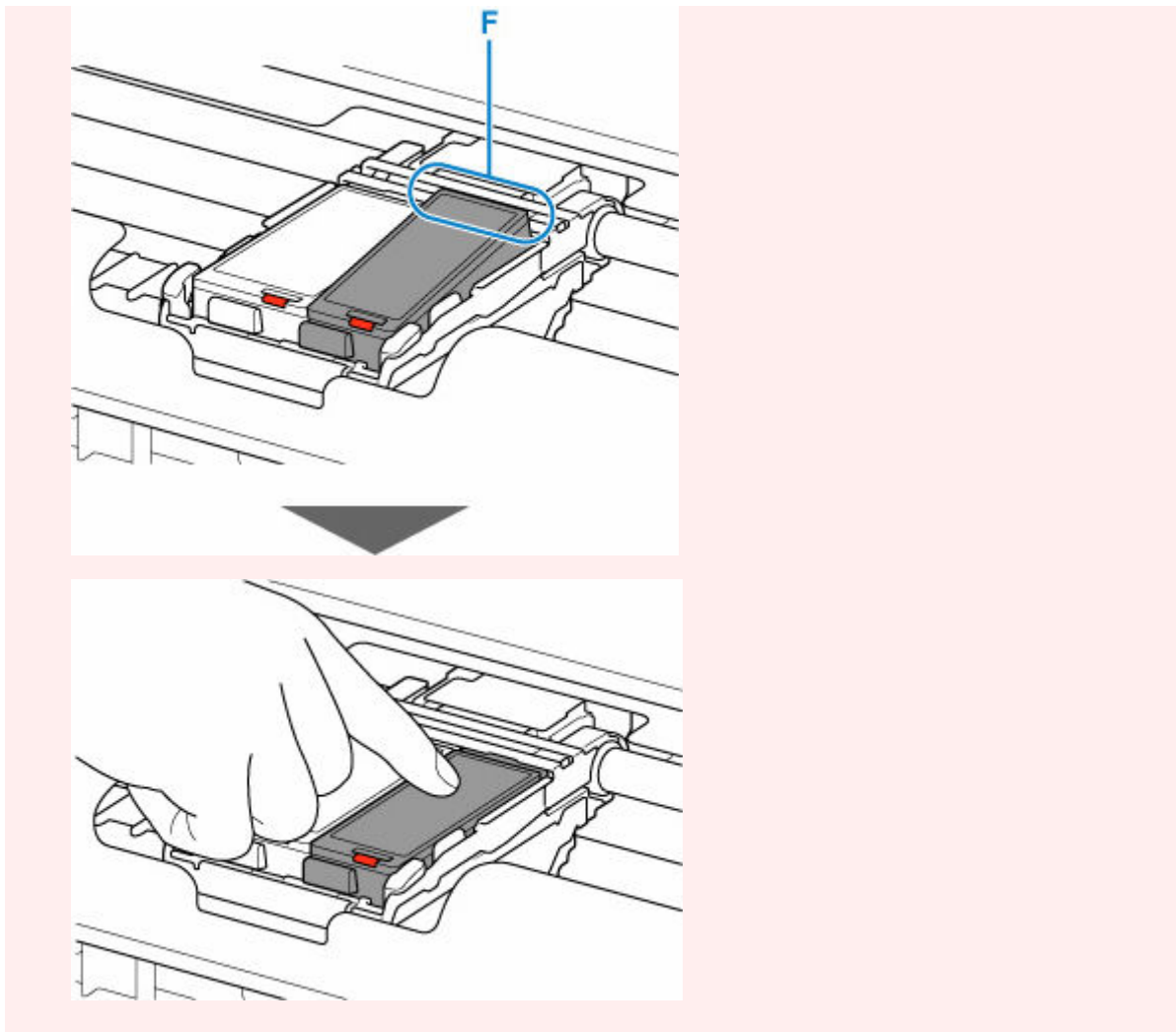
6. Press the PUSH mark on the ink tank until the ink tank snaps firmly into place.

Make sure that the ink lamp lights up.



▶▶ Important

- Install both ink tanks to print. The printer cannot be used unless both ink tanks are installed.
- If the front (innermost) part of the ink tank (F) is sticking up, push down on the Canon logo on the ink tank. Do not remove the ink tank forcibly.



7. Close the print head cover.

▶▶▶ Note

- If the error message appears on the LCD after the print head cover is closed, take appropriate action.
 - ➔ [When Error Occurred](#)
- When you start printing after replacing the ink tank, the printer starts cleaning the print head automatically. Do not perform any other operations until the printer completes the cleaning of the print head.
- If the print head is out of alignment, as indicated by misaligned printed ruled lines or similar symptoms, [align the print head](#).

Notes on ink tanks

▶▶▶ Important

- If you remove an ink tank, replace it immediately. Do not leave the printer with the ink tank removed.

- Use a new ink tank for replacement. Installing a used ink tank may cause the nozzles to clog. Furthermore, with such an ink tank, the printer will not be able to inform you when to replace the ink tank properly.
- Once an ink tank has been installed, do not remove it from the printer and leave it out in the open. This will cause the ink tank to dry out, and the printer may not operate properly when it is reinstalled. To maintain optimal printing quality, use an ink tank within six months of first use.

▶▶ Note

- Color ink may be consumed even when printing a black-and-white document or when black-and-white printing is specified. Every ink is also consumed in the standard cleaning and deep cleaning of the print head, which may be necessary to maintain the performance of the printer.

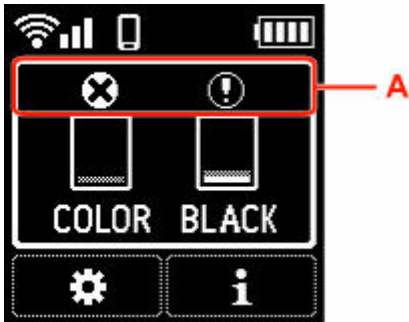
When an ink tank is out of ink, replace it immediately with a new one.

➔ [Ink Tips](#)

Checking Ink Status on the LCD

The status of used ink appears on the HOME screen.

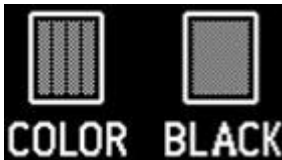
A symbol appears in the area A if there is any information about the remaining ink level.



The ink is running low. Prepare a new ink tank.



Ink has run out. Replace the ink tank with a new ink tank.



This appears when remaining ink level is not known.

»» Note

- The above screen shows estimated ink levels.
- You can also check the ink status on the computer screen.
 - For Windows:
 - ➔ [Checking Ink Status from Your Computer](#)
 - For macOS:
 - ➔ [Checking Ink Status from Your Computer](#)

You can check the following information about ink by pressing the **OK** button.



• Order ink now

The QR code appears and you can access the ink purchasing site. Cost of connecting to Internet is to be born by the customer.

• Ink model number

You can check the ink model number.

Restrictions

When connecting another device while a device (such as a computer) is already connected to the printer, connect it using the same connection method as the connected device.

If you connect using a different connection method, the connection to the device in use will be disabled. However, you can use a Wi-Fi connection and Wireless Direct at the same time.

For restrictions, see the following.

Connect via wireless router

- Make sure your device and the wireless router are connected. For details on checking these settings, see the manual supplied with the wireless router or contact its manufacturer.
As for a device already connected to the printer without using a wireless router, reconnect it via a wireless router.
- Configuration, router functions, setup procedures and security settings of wireless routers vary depending on the system environment. For details, see the manual for your wireless router or contact its manufacturer.
- Depending on your country or region, this printer does not support wireless networking standards using the 5 GHz band.
- The printer does not support WEP, WPA-PSK (TKIP) and WPA2-PSK (TKIP). The security protocol such as WPA2-PSK (AES) or WPA3-SAE (AES) is recommended to be set to wireless router for security reasons.

The connection between your device and the wireless router will be temporarily disabled while the setting is changed. Do not proceed to the next screen of this guide until setup is complete.

- When connecting to Wi-Fi outdoors, do not connect to a 5 GHz network (SSID).
The 5 GHz band available for use with the printer includes the channels that are allowed for indoor use only, depending on your country or region.
For details on the 5 GHz network (SSID) of your wireless router, see the manual supplied with the wireless router, or contact its manufacturer.
- For office use, consult your network administrator.
- Note that if you connect to a network with no security protection, your personal information could be disclosed to a third party.

Wireless Direct

▶▶ Important

- If a device is connected to the Internet via a wireless router, and you then connect it to a printer in Wireless Direct mode, the existing 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. When you connect to the Internet using a mobile data connection, charges may apply depending on your contract.
 - When you connect a device and the printer using Wireless Direct, the connection information will be saved to Wi-Fi settings. The device may be connected to the printer automatically even after disconnecting it or connecting it to another wireless router.

- To prevent automatic connection to the printer in Wireless Direct mode, change the connection mode after using the printer, or set not to connect automatically in the Wi-Fi settings of the device.

For details on changing the settings of your device, see the manual supplied with the device or contact its manufacturer.

- When using Wireless Direct connection outdoor, do not use 5 GHz frequencies. Depending on your country or region, only indoor use is permitted for some bands.
- If you connect a device and the printer using Wireless Direct, Internet connection may become unavailable depending on your environment. In that case, web services for the printer cannot be used.
- In Wireless Direct mode, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear.
If an error appears, disconnect a device that does not use the printer, and then redo the settings.
- Wireless Direct connects a device (such as a computer) to the printer at 2.4 GHz.
To connect at 5 GHz, enable Wireless Direct, and then set the frequency band to 5 GHz.
Depending on your country or region, this printer does not support Wireless Direct using the 5 GHz band.
- Devices connected to the printer using Wireless Direct cannot communicate with each other.
- When a device has been connected to the printer without using a wireless router and you want to set it up again using the same connection method, disconnect it first. Disable the connection between the device and printer in the Wi-Fi setting screen.

Detect Same Printer Name

When the printer is detected during setup, plural 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.

- **For Windows:**

Check the printer's MAC address or serial to select the correct printer from the results.

- **For macOS:**

The printer names appear with the MAC address added at the end or as the printer name specified by Bonjour.

Check identifiers such as the MAC address, the printer name specified by Bonjour, and the printer's serial number to select the printer from among those that appear.

▶▶▶ Note

- Serial number may not appear on result screen.

To check the printer's MAC address and the serial number, print out the network settings information.

➡ [Printing Network Settings](#)

▶▶▶ Note

- You can check the serial number by displaying on the operation panel of the printer.
 - ➡ [System information](#)
- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).

Switching Printer's Connection to Network or Devices

Check the following items when connecting a newly added computer to the LAN environment to the printer, changing the connection method from USB to LAN, or changing the wireless LAN (Wi-Fi) connection method.

1. Connects to Another Computer via LAN/Changes from USB to LAN Connection

2. Switching LAN Connection Method

3. Reconfiguration Method of Wi-Fi Connection

1. Connects to Another Computer via LAN/ Changes from USB to LAN Connection



To connect an additional computer to the printer via LAN, or to change from USB to LAN connection, refer to Setup Guide to setup.

2. Switching LAN Connection Method



If you want to switch to USB connection when the printer is used with a LAN connection, check the following item.

For Windows:

Refer to Setup Guide to setup.

For macOS:

Refer to Setup Guide to setup.

3. Reconfiguration Method of Wi-Fi Connection



- **If you want to switch to Wireless Direct when using the printer with Wi-Fi connection:**

Wireless Direct connection is available. Wireless Direct and Wi-Fi connection can be used together.

➔ [Connecting with Wireless Direct](#)

- **Switching to a Wi-Fi connection when using the printer Wireless Direct:**

If you connect the printer to your computer or smartphone via a wireless router for the first time to print, or if you want to change the connection frequency between the printer and the wireless router, perform the setup.

For Windows:

Refer to Changing the Connection Mode.

For macOS:

Refer to Setup Guide and redo setup.

Network Connection Tips (Windows/macOS)

- **Detect Same Printer Name**
- **Switching Printer's Connection to Network or Devices**

Wi-Fi Connection Assistant (Windows)

- **Wi-Fi Connection Assistant**
- **Starting Up Wi-Fi Connection Assistant**
- **Diagnosing and Repairing Network Settings**
- **Performing/Changing Network Settings**
- **List of Models Which Does Not Support Diagnosis and Repair Function**
- **List of Models Which Does Not Support IPv6 Configuration via USB Connection**

➤➤ Important

- Some functions may not be available depending on your model and software version.

Wi-Fi Connection Assistant

Wi-Fi Connection Assistant allows you to diagnose or repair the network status, and to perform printer settings on network.

Use Wi-Fi Connection Assistant for:

- Searching printers on network and performing initial network setup for detected printers
- Performing initial network setup by connecting the printer and computer using a USB cable (Not available for some models)
- Changing printer network settings
- Diagnosing the settings of the printer and those of computer on which Wi-Fi Connection Assistant is installed if anything is wrong with connection. In addition, Wi-Fi Connection Assistant repairs the status of the printer and computer (Not available for some models).

»» Important

- Depending on the printer you are using, an administrator password is already specified for the printer at the time of purchase. When you change the network settings, authentication by the administrator password is required.


For details:

➡ Administrator Password

- To use the printer over LAN, make sure you have the equipment necessary for the connection type, such as a wireless router or a LAN cable.
- When you install Wi-Fi Connection Assistant, disable block function of firewall.
- Do not change network settings using Wi-Fi Connection Assistant while printing is in progress.

Starting Up Wi-Fi Connection Assistant

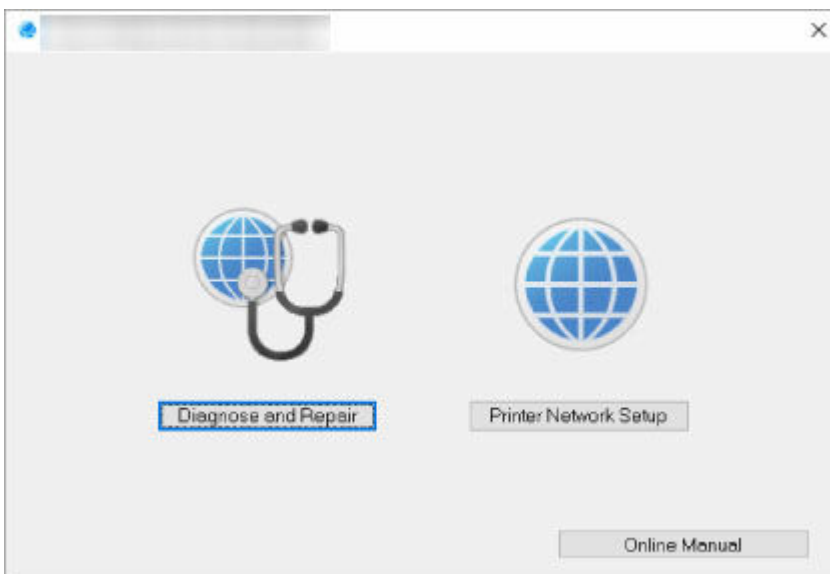
Start up Wi-Fi Connection Assistant as shown below.

In Windows 11, from  (Start button) on the taskbar, select **All apps > Canon Utilities > Wi-Fi Connection Assistant**.

▶▶▶ Note

- In Windows 10, select **Start > (All apps >) > Canon Utilities > Wi-Fi Connection Assistant**.
- In Windows 7, click **Start** and select **All Programs, Canon Utilities, Wi-Fi Connection Assistant**, and then **Wi-Fi Connection Assistant**.

When you start up Wi-Fi Connection Assistant, a message appears. Check the message and select **Yes**. The screen below appears.



Select **Diagnose and Repair** or **Printer Network Setup** on the displayed screen.

- If you select **Diagnose and Repair**:
 - ➔ [Diagnosing and Repairing Network Settings](#)
- If you select **Printer Network Setup**:
 - ➔ [Performing/Changing Network Settings](#)

Diagnosing and Repairing Network Settings

Wi-Fi Connection Assistant diagnoses and repairs computer settings or connection between the computer and printer when a problem (e.g. cannot print from a printer on the network) occurs.

▶▶ Important

- Some models do not support diagnosis and repair function.

For details:

- ➔ [List of Models Which Does Not Support Diagnosis and Repair Function](#)

Follow the procedure below.

1. [Start up Wi-Fi Connection Assistant.](#)
2. Check the displayed message and select **Yes**.
3. Select **Diagnose and Repair** on the displayed screen.

Perform operations following the instructions on the screen.

▶▶▶ Note

- This function checks the following items:
 - whether the computer is connected to the router
 - whether a web page on the Internet can be viewed
 - whether the printer can be detected on the network
 - whether the signal strength or communication level is sufficient (when using Wi-Fi)
 - whether the printer port setting matches with the network setting

Performing/Changing Network Settings

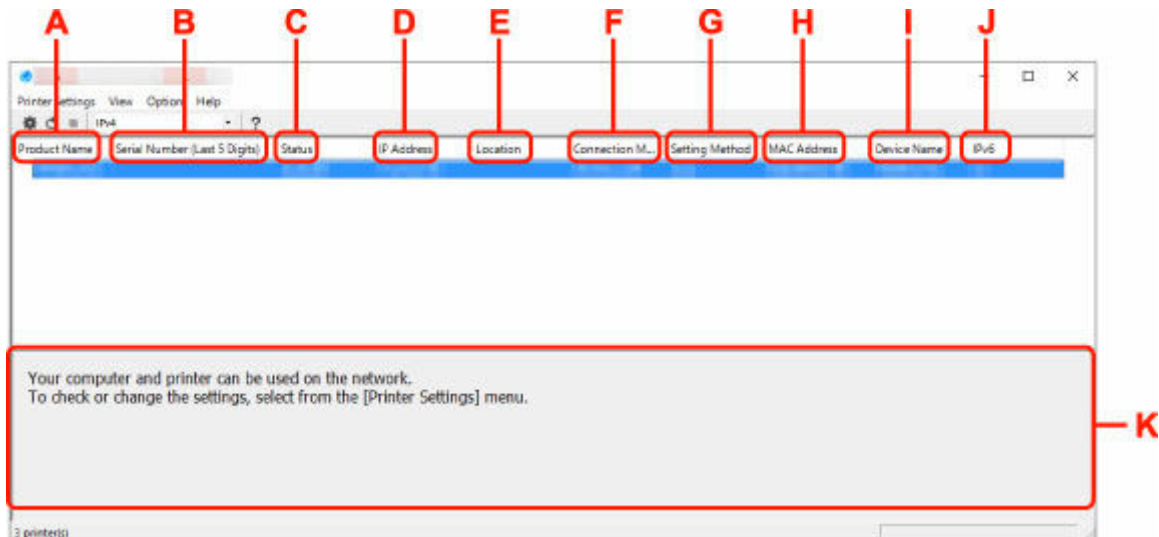
- **Canon Wi-Fi Connection Assistant Screen**
- **Performing Network Settings**

Canon Wi-Fi Connection Assistant Screen

- ➔ [Items on Canon Wi-Fi Connection Assistant Screen](#)
- ➔ [Menus on Canon Wi-Fi Connection Assistant Screen](#)
- ➔ [Items on Canon Wi-Fi Connection Assistant Screen Toolbar](#)

Items on Canon Wi-Fi Connection Assistant Screen

The screen below appears when you start up Wi-Fi Connection Assistant and select **Printer Network Setup**. Detected printers are listed on the screen and the items below are shown.




A: Product Name

Displays the product name of detected printer. The icon below appears on the left if the printer cannot be used.

 : Appears when the printer requires setup or has not been configured.

 : Appears when the IP address is duplicated to another printer.

 : Appears when you cannot communicate with the printer.

➤➤➤ Note

- If a printer you want to use is not detected, try to set the criteria for printer search.
 - ➔ [Setting Criteria for Printer Search/Searching Specific Printer](#)
- Right-clicking a printer displays setting items or items to confirm.

B: Serial Number (Last 5 Digits)

Displays the last five digits of printer's serial number.

C: Status

Displays the printer status as shown below.

- **Available**
Indicates the printer is available.
- **Setup Completed**

Appears after performing network setup and clicking **Set** to close the window.

- **Requires Setup**

Indicates the printer is required to perform Wi-Fi setup.

➔ [Performing/Changing Wi-Fi Settings](#)

- **Not Set**

Indicates the printer cannot be used on network, or IPv6 is disabled. Specify an IP address or enable IPv6 on **Network Settings...**

➔ [Performing/Changing Wi-Fi Settings](#)

- **IP Address Overlap**

Indicates the IP address is duplicated to another printer.

- **Unknown**

Indicates the printer recognized as **Available** in the past cannot be used currently.

➤➤➤ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.

D: IP Address

Displays the printer IP address. Nothing is displayed if the printer status is **Requires Setup**.

➤➤➤ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

E: Location

Displays the printer location if it is registered. Nothing is displayed if the printer status is **Requires Setup**.

➤➤➤ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.

➔ [Assigning Printer Information](#)

F: Connection Method

Displays printer connection method (wired LAN, Wi-Fi, or USB).

➤➤➤ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, **USB** is displayed.
- If the printer supports both of the LAN connection methods, the printer is recognized as two printers and they are displayed separately. (The same numbers are displayed on **Serial Number (Last 5 Digits)**.)
- If the printer does not support wired LAN, wired LAN is not displayed.
- If you are using Wi-Fi Connection Assistant on the computer which does not support Wi-Fi, Wi-Fi is not displayed.

G: Setting Method

Displays printer setting method.

- **Auto**

Appears if the printer is used by IP address specified automatically.

- **Manual**

Appears if the printer is used by IP address specified manually.

▶▶▶ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

H: MAC Address

Displays the MAC address of the detected printer.

▶▶▶ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

I: Device Name

Displays the printer device name if it is registered.

▶▶▶ **Note**

- If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.
- The printer with **Requires Setup** displayed on **Status** is not displayed.

➔ [Assigning Printer Information](#)

J: IPv6

On appears when an IPv6 address is assigned for the printer.

▶▶▶ **Note**

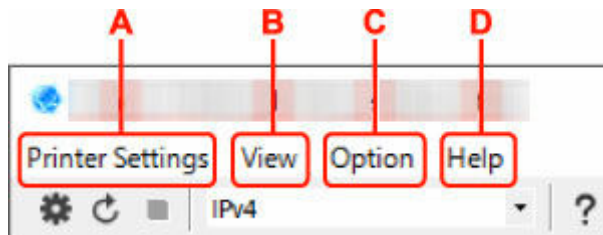
- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

K: Displays the printer status and operation guides.

Selecting a printer from the printer list displays its current status and what to do next.

Menus on Canon Wi-Fi Connection Assistant Screen

This section describes menus on **Canon Wi-Fi Connection Assistant** screen.



A: Printer Settings menu

➔ Printer Settings Menu

B: View menu

➔ View Menu

C: Option menu

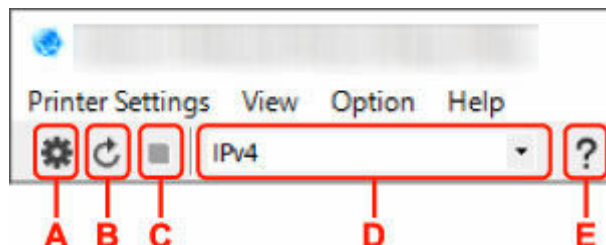
➔ Option Menu

D: Help menu

- ➔ Help Menu

Items on Canon Wi-Fi Connection Assistant Screen Toolbar

This section describes items on **Canon Wi-Fi Connection Assistant** Screen toolbar.



A: Perform wired or Wi-Fi setup.

➤➤➤ Note

- This item has the same function as **Network Settings...** in the **Printer Settings** menu.

B: Redetects printers.

➤➤➤ Note

- This item has the same function as **Update** in the **View** menu.

C: Stops detecting printers.

➤➤➤ Note

- This item has the same function as **Cancel** in the **View** menu.

D: Switches the printer list. (IPv4, IPv6, or USB printers)

➤➤➤ Note

- This item has the same function as **Switch View** in the **View** menu.
- You can also display the USB connected printer list. (Not available for some models.) In this case, select **USB**.

E: Displays this guide.

➤➤➤ Note

- This item has the same function as **Online Manual** in the **Help** menu.

Performing Network Settings

- ▶ **Performing/Changing Wired LAN Connection (Ethernet Cable) Settings
(Supported models only)**
- ▶ **Performing/Changing Wi-Fi Settings**
- ▶ **Assigning Printer Information**

▶▶▶ Important

- Some functions may not be available depending on your model and software version.

Performing/Changing Wired LAN Connection (Ethernet Cable) Settings (Supported models only)

Follow the procedure below to perform/change wired LAN settings.

►► Important

- These settings are not available if your printer does not have a wired LAN connection.

►► Note

- For some models, you can perform network setup for a USB connected printer using Wi-Fi Connection Assistant. Select **USB** on **Switch View** under the **View** menu to display printers for which you can perform setup.

1. [Start up Wi-Fi Connection Assistant.](#)

2. Check the displayed message and select **Yes**.

3. Select **Printer Network Setup** on the displayed screen.

Detected printers are listed.

4. Select printer to perform/change settings from printer list.

Select the printer with **Wired LAN** displayed on **Connection Method** and **Available** displayed on **Status** to perform settings.

You can perform settings for a printer with **Available** not displayed on **Status** via USB connection.


To perform setup for a USB connected printer, select **USB** from the pulldown menu on the toolbar and select the printer to perform/change settings.

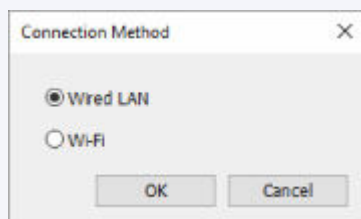
5. Select **Network Settings...** on **Printer Settings** menu.

The **Confirm Printer Password** screen appears.

For more on the password, refer to Administrator Password.

►► Note

- Clicking the  icon allows you to perform/change settings.
- If you select a USB connected printer on step 4, the screen below appears after the **Confirm Printer Password** screen appears



Select **Wired LAN** and click **OK**.

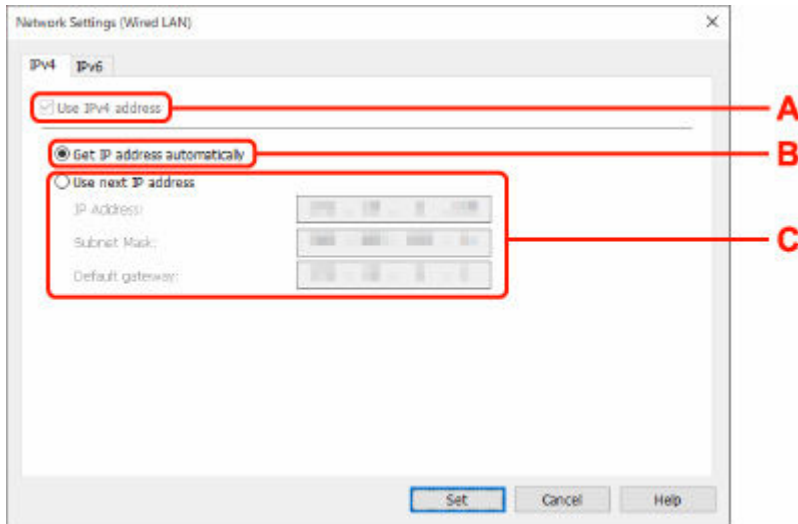
6. Enter password and click **OK.**

The **Network Settings** screen appears.

7. Perform/change settings.

You can switch the screen between IPv4 and IPv6. Click the tab to switch the protocol.

- IPv4 settings



A: Use IPv4 address

Always selected. (displayed in a gray out state)

B: Get IP address automatically

Select this option to use an IP address automatically assigned by a DHCP server. DHCP server functionality must be enabled on your router.

C: Use next IP address

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

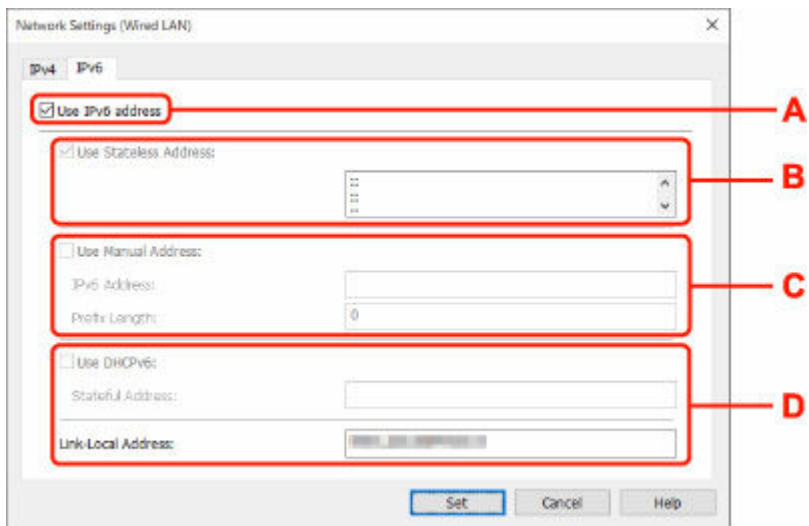
Enter the IP address, subnet mask, and default gateway.

- IPv6 settings

▶▶▶ Note

- If you select a USB connected printer on step 4, you cannot perform IPv6 settings depending on the printer you are using.

For details, see [List of Models Which Does Not Support IPv6 Configuration via USB Connection](#).



A: Use IPv6 address

Select when you use the printer with IPv6 environment.

B: Use Stateless Address:

Select when you use an IP address assigned automatically. Use a router compatible with IPv6.

➤➤➤ Note

- This setting item is not available depending on the printer you are using.

C: Use Manual Address:

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

Enter the IP address and IP address prefix length.

➤➤➤ Note

- This setting item is not available depending on the printer you are using.

D: Use DHCPv6:

Select when you obtain an IP address using DHCPv6.

➤➤➤ Note

- This setting item is not available depending on the printer you are using.

8. Click Set.

Performing/Changing Wi-Fi Settings

Follow the procedure below to perform/change Wi-Fi settings.

Important

- Enable Easy wireless connect (Cableless setup) before performing printer setup. (Not required if you change the IP address.) For details, search for "NR049" on your printer's online manual and see the page shown.
- If you plan to use a printer over Wi-Fi, make sure you perform security settings for the Wi-Fi network.

Note

- For some models, you can perform network setup for a USB connected printer using Wi-Fi Connection Assistant. Select **USB** on **Switch View** under the **View** menu to display printers.

1. [Start up Wi-Fi Connection Assistant.](#)

2. Check the displayed message and select **Yes**.

3. Select **Printer Network Setup** on the displayed screen.

Detected printers are listed.

4. Select printer to perform/change settings from printer list.

Select the printer with **Wi-Fi** displayed on **Connection Method** and **Available** or **Requires Setup** displayed on **Status** to perform settings.

You can perform settings for a printer with **Available** or **Requires Setup** not displayed on **Status** via USB connection.


To perform setup for a USB connected printer, select **USB** from the pulldown menu on the toolbar and select the printer to perform/change settings.

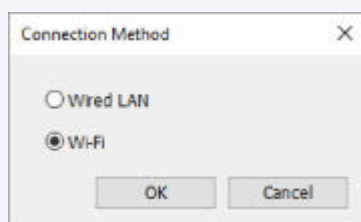
5. Select **Network Settings...** on **Printer Settings** menu.

The **Confirm Printer Password** screen appears.

For more on the password, refer to Administrator Password.

Note

- Clicking the  icon allows you to perform/change settings.
- If you select a USB connected printer on step 4 and the selected printer is compatible with wired LAN, the screen below appears after the **Confirm Printer Password** screen appears



Select **Wi-Fi** and click **OK**.

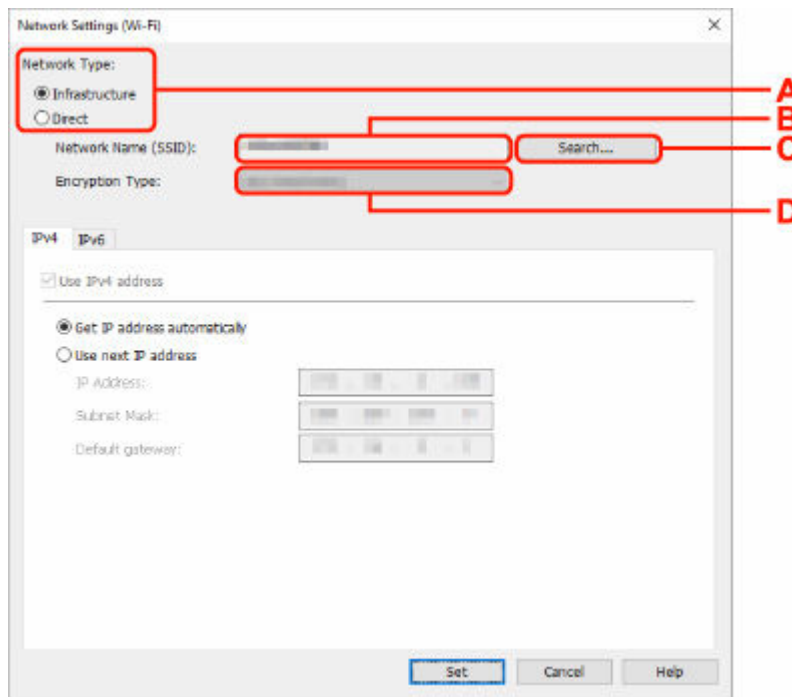
6. Enter password and click **OK**.

The **Network Settings** screen appears.

7. Perform/change settings.

You can switch the screen between IPv4 and IPv6. Click the tab to switch the protocol.

- IPv4/IPv6 settings



A: Network Type:

Select the Wi-Fi mode.

- **Infrastructure**

Connects the printer to the Wi-Fi with a wireless router.

- **Direct**

Connects the printer to wireless communication devices (smartphone or tablet) without a wireless router.

▶▶▶ Note

- If Wi-Fi is enabled on the computer and if you select a USB connected printer on step 4, you can select **Direct** depending on the printer you are using.
- If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.

In addition, you cannot connect to Internet from your computer depending on your operating environment.

B: Network Name (SSID):

The network name (SSID) of the Wi-Fi currently used is displayed.

The network name (SSID) for Wireless Direct appears while in Wireless Direct.

C: Search...

The **Detected Wireless Routers** screen is displayed to select a wireless router to connect to. For a wireless router already connected to the computer, **Available** is displayed on **Communication Status**.

If you select a wireless router with **Not Connected** on **Communication Status** from the list, clicking **Set** displays the WPA/WPA2 or WEP setting screen for a wireless router.

- ➔ If WEP Details Screen Appears
- ➔ If WPA/WPA2 Details Screen Appears

D: Encryption Type:

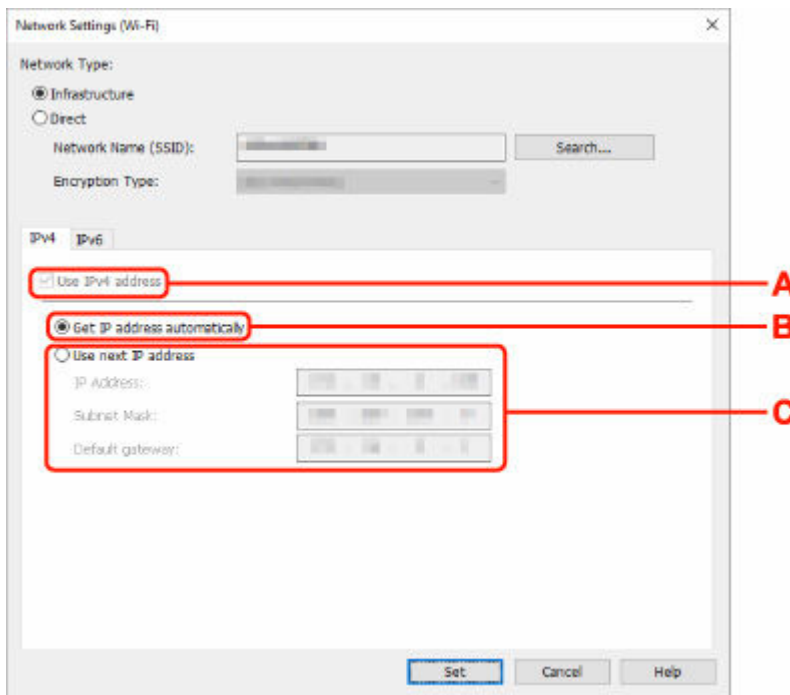
Displays the encryption method used over the Wi-Fi.

- IPv4 settings

▶▶▶ Note

- The setting items below are available only when **Infrastructure** is selected for **Network Type**:

If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.



A: Use IPv4 address

Always selected. (displayed in a gray out state)

B: Get IP address automatically

Select this option to use an IP address automatically assigned by a DHCP server. DHCP server functionality must be enabled on your wireless router.

C: Use next IP address

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

Enter the IP address, subnet mask, and default gateway.

- IPv6 settings

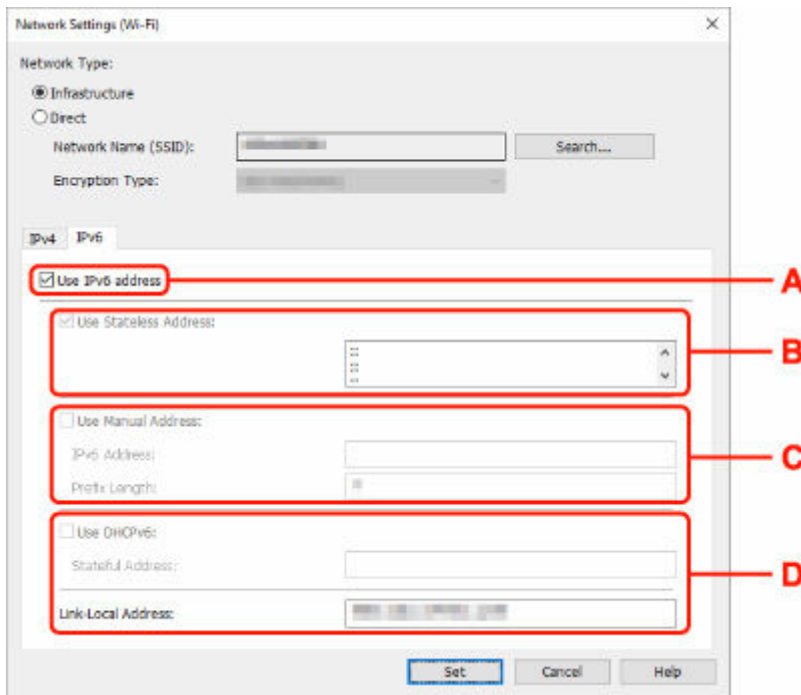
▶▶▶ Note

- If you select a USB connected printer on step 4, you cannot perform IPv6 settings depending on the printer you are using.

For details, see [List of Models Which Does Not Support IPv6 Configuration via USB Connection](#).

- The setting items below are available only when **Infrastructure** is selected for **Network Type**:

If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.



A: Use IPv6 address

Select when you use the printer with IPv6 environment.

B: Use Stateless Address:

Select when you use an IP address assigned automatically. Use a router compatible with IPv6.

▶▶▶ Note

- This setting item is not available depending on the printer you are using.

C: Use Manual Address:

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

Enter the IP address and IP address prefix length.

▶▶▶ Note

- This setting item is not available depending on the printer you are using.

D: Use DHCPv6:

Select when you obtain an IP address using DHCPv6.

▶▶ Note

- This setting item is not available depending on the printer you are using.

8. Click Set.

Assigning Printer Information

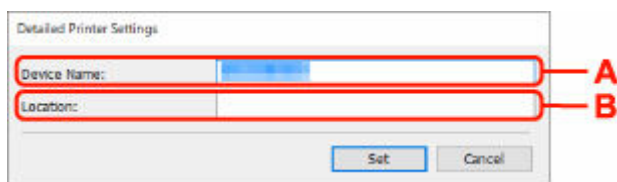
Follow the procedure below to assign/change printer location name or device name.

The names appear on **Device Name:** and **Location:** on the **Canon Wi-Fi Connection Assistant** screen.

▶▶▶ Note

- If **USB** is selected from the pulldown menu on the toolbar, this setting item is not available.

1. [Start up Wi-Fi Connection Assistant.](#)
2. Check the displayed message and select **Yes**.
3. Select **Printer Network Setup** on the displayed screen.
Detected printers are listed.
4. Select printer to assign location name and device name.
Select the printer with **Available** displayed on **Status**.
5. Select **Detailed Printer Settings...** on **Printer Settings** menu.
The **Confirm Printer Password** screen appears.
For more on the password, refer to Administrator Password.
6. Enter password and click **OK**.
The **Detailed Printer Settings** screen appears.
7. Perform/change settings.



The setting items below are available.

A: Device Name:

Assigns the device name.

B: Location:

Assigns the location name.

8. Click **Set**.

List of Models Which Does Not Support Diagnosis and Repair Function

The following models does not support "Diagnose and Repair" function of Wi-Fi Connection Assistant.

- G4000 series
- PRO-500 series
- PRO-1000 series
- MB2100 series
- MB2700 series
- MB5100 series
- MB5400 series
- iB4100 series
- PRO-520
- PRO-540
- PRO-540S
- PRO-560
- PRO-560S
- PRO-2000
- PRO-4000
- PRO-4000S
- PRO-6000
- PRO-6000S
- TS9000 series
- TS8000 series
- TS6000 series
- TS5000 series
- MG3000 series
- E470 series

List of Models Which Does Not Support IPv6 Configuration via USB Connection

For the following models, you can perform settings only for IPv4 using Wi-Fi Connection Assistant. (You cannot perform settings for IPv6.)

- iB4100 series
- MG3000 series
- E470 series
- G4000 series
- TS5000 series
- TS6000 series
- TS8000 series
- TS9000 series
- TR8500 series
- TR7500 series
- TS9100 series
- TS8100 series
- TS6100 series
- TS5100 series
- TS3100 series
- E3100 series
- TS300 series
- E300 series
- TR8580 series
- TS9180 series
- TS8180 series
- TS6180 series
- TR8530 series
- TR7530 series
- TS8130 series
- TS6130 series
- XK70 series
- XK50 series
- G4010 series
- G3010 series
- TR4500 series
- E4200 series
- TS6200 series
- TS6280 series
- TS6230 series
- TS8200 series
- XK80 series
- TS8280 series
- TS8230 series
- TS9500 series
- TS9580 series

- TR9530 series
- TS3300 series
- E3300 series

Wi-Fi Connection Assistant (macOS)

- **Wi-Fi Connection Assistant**
- **Starting Up Wi-Fi Connection Assistant**
- **Diagnosing and Repairing Network Settings**
- **List of Models Which Does Not Support Diagnosis and Repair Function**

➤➤ Important

- Some functions may not be available depending on your model and software version.

Wi-Fi Connection Assistant

If anything is wrong with connection, Wi-Fi Connection Assistant diagnoses the settings of the printer and those of computer on which it is installed. In addition, Wi-Fi Connection Assistant restores the status of the printer and computer.

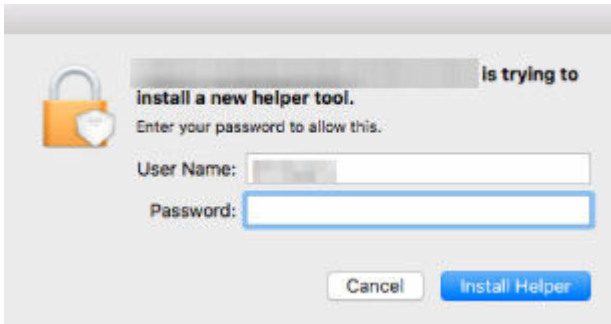
»» Important

- To use the printer over LAN, make sure you have the equipment necessary for the connection type, such as a wireless router or a LAN cable.
- When you install Wi-Fi Connection Assistant, disable block function of firewall.

Starting Up Wi-Fi Connection Assistant

Start up **Launchpad**, select **Canon Utilities**, and then select Wi-Fi Connection Assistant.

When you start up Wi-Fi Connection Assistant, the screen below appears.



Enter the password specified for your computer and select **Install Helper**. Wi-Fi Connection Assistant starts diagnosis and repair of network.

➔ [Diagnosing and Repairing Network Settings](#)

Diagnosing and Repairing Network Settings

Wi-Fi Connection Assistant diagnoses and repairs computer settings or connection between the computer and printer when a problem (e.g. cannot print from a printer on the network) occurs.

▶▶ Important

- Some models do not support diagnosis and repair function.

For details:

- ➔ [List of Models Which Does Not Support Diagnosis and Repair Function](#)

Wi-Fi Connection Assistant starts checking the computer settings when it starts up. Perform operations following the instructions on the screen.

▶▶ Note

- This function checks the following items:
 - whether the computer is connected to the router
 - whether the printer can be detected on the network
 - whether the signal strength or communication level is sufficient (when using Wi-Fi)
 - whether the printer port setting matches with the network setting

List of Models Which Does Not Support Diagnosis and Repair Function

The following models does not support "Diagnose and Repair" function of Wi-Fi Connection Assistant.

- G4000 series
- PRO-500 series
- PRO-1000 series
- MB2100 series
- MB2700 series
- MB5100 series
- MB5400 series
- iB4000 series
- PRO-520
- PRO-540
- PRO-560
- PRO-540S
- PRO-560S
- PRO-2000
- PRO-4000
- PRO-6000
- PRO-4000S
- PRO-6000S
- TS9000 series
- TS8000 series
- TS6000 series
- TS5000 series
- MG3000 series
- E470 series

Performing Maintenance Functions from the Printer

- **Maintenance Procedure**
- **Printing the Nozzle Check Pattern**
- **Examining the Nozzle Check Pattern**
- **Cleaning the Print Head**
- **Deep Print Head Cleaning**
- **Aligning the Print Head**
- **Aligning the Print Head Manually**

Maintenance Procedure

If print results are blurred, colors are not printed correctly, or print results are unsatisfactory (e.g. misaligned printed ruled lines), perform the maintenance procedure below.

▶▶▶ Important

- Do not rinse or wipe the print head and ink tank. This can cause trouble with the print head and ink tank.

▶▶▶ Note

- Check the ink status.
 - ➔ [Checking Ink Status on the LCD](#)
- For Windows, increasing the print quality in the printer driver settings may improve the print result.
 - ➔ [Set Media Type, Quality, etc. \(Media/Quality Tab\)](#)

When the Print Results Are Blurred or Uneven:

|| Step1 Print the nozzle check pattern.

From the printer

- ➔ [Printing the Nozzle Check Pattern](#)

From the computer

- For Windows:
 - ➔ Printing a Nozzle Check Pattern
- For macOS:
 - ➔ Printing a Nozzle Check Pattern

|| Step2 [Examine the nozzle check pattern.](#)

If there are missing lines or horizontal white streaks in the pattern:



|| Step3 Clean the print head.

From the printer

- ➔ [Cleaning the Print Head](#)

From the computer

- For Windows:
 - ➔ [Cleaning the Print Heads](#)
- For macOS:
 - ➔ [Cleaning the Print Heads](#)

After cleaning the print head, print and examine the nozzle check pattern: ➔ [Step 1](#)

If the problem is not resolved after performing from step 1 to step 3 twice:



Step 4 Clean the print head deeply.

From the printer

➔ [Deep Print Head Cleaning](#)

From the computer

- For Windows:
 - ➔ [Cleaning the Print Heads](#)
- For macOS:
 - ➔ [Cleaning the Print Heads](#)

➤➤➤ Note

- When you have performed the procedure until step 4 and the problem has not been resolved, turn off the power and clean the print head deeply again after 24 hours.
If the problem is still not resolved, the print head may be damaged. Contact your nearest Canon service center to request a repair.

When the Print Results Are Not Even such as the Ruled Lines Are Misaligned:

Step Align the print head.

From the printer

➔ [Aligning the Print Head](#)

From the computer

- For Windows:
 - ➔ [Adjusting Print Head Position Automatically](#)
- For macOS:
 - ➔ [Adjusting Print Head Position](#)


Printing the Nozzle Check Pattern

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzle.

▶▶▶ Note

- If the remaining ink level is low, the nozzle check pattern will not be printed correctly. [Replace the ink tank](#) whose ink is low.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. [Check that printer is turned on.](#)
2. Load a sheet of A4 or Letter-sized plain paper in rear tray.
 - ➔ [Loading Photo Paper / Plain Paper](#)
3. Select  (Setup) on HOME screen.
 - ➔ [LCD and Operation Panel](#)
4. Select **Maintenance**.
5. Select **Nozzle Check**.



The confirmation screen will appear.

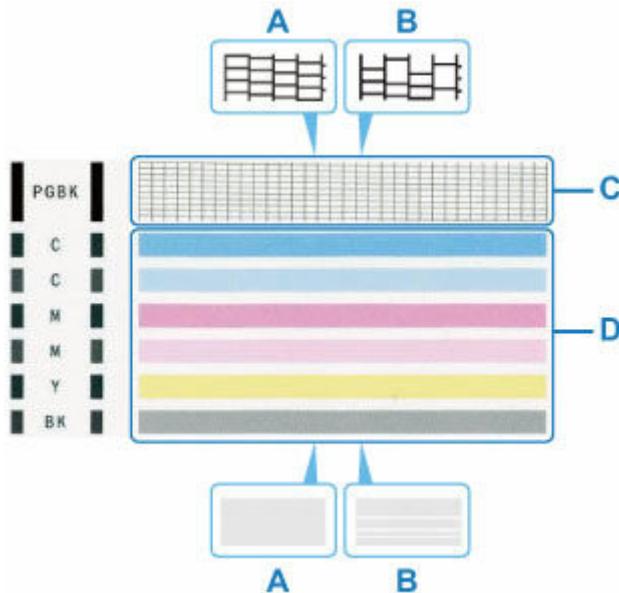
6. Select **Yes**.
7. Press the **OK** button.

The nozzle check pattern will be printed and two pattern confirmation screens will appear on the LCD.
8. Select **Next**.
9. [Examine the nozzle check pattern.](#)

Examining the Nozzle Check Pattern

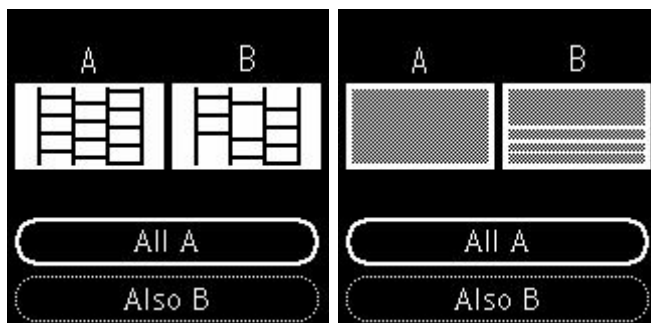
Examine the nozzle check pattern, and clean the print head if necessary.

1. Check if there are missing lines in the pattern C or horizontal white streaks in the pattern D.



- A: No missing lines/No horizontal white streaks
B: Lines are missing/Horizontal white streaks are present

2. Select the pattern that is closer to the printed nozzle check pattern on the confirmation screen.



For A (no missing lines or no horizontal white streaks) in both the pattern C and pattern D:

The cleaning is not required. Select **All A**, confirm the message, then select **OK**.

For B (lines are missing or horizontal white streaks are present) in the pattern C or pattern D, or in both patterns:

The cleaning is required. Select **Also B**, then select **Yes** on the cleaning confirmation screen.

The printer starts cleaning the print head.

➔ [Cleaning the Print Head](#)

If the pattern D or any color in the pattern C is not printed:



(Example: Magenta pattern is not printed)

The cleaning is required. Select **Also B**, then select **Yes** on the cleaning confirmation screen.

The printer starts cleaning the print head.


➡ [Cleaning the Print Head](#)

Cleaning the Print Head

Clean the print head if lines are missing or if horizontal white streaks are present in the printed nozzle check pattern. Cleaning unclogs the nozzles and restores the print head condition. Cleaning the print head consumes ink, so clean the print head only when necessary.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. [Check that printer is turned on.](#)
2. Load a sheet of A4 or Letter-sized plain paper in rear tray.
➔ [Loading Photo Paper / Plain Paper](#)

3. Select  (Setup) on HOME screen.
➔ [LCD and Operation Panel](#)

4. Select **Maintenance**.

5. Select **Cleaning**.



The confirmation screen will appear.

6. Select **Yes**.

The printer starts cleaning the print head.

Do not perform any other operations until the printer completes the cleaning of the print head.

The pattern print confirmation screen will appear.

7. Select **Yes**.

8. Press the **OK** button.

The nozzle check pattern will be printed.

9. Select **Next**.

10. [Examine the nozzle check pattern.](#)

»» Note

- If the problem is not resolved after cleaning the print head twice, [clean the print head deeply](#).

Deep Print Head Cleaning

If print quality does not improve by the standard cleaning of the print head, clean the print head deeply. Cleaning the print head deeply consumes more ink than the standard cleaning of the print head, so clean the print head deeply only when necessary.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. [Check that printer is turned on.](#)
2. Load a sheet of A4 or Letter-sized plain paper in rear tray.

➔ [Loading Photo Paper / Plain Paper](#)

3. Select  (Setup) on HOME screen.

➔ [LCD and Operation Panel](#)

4. Select **Maintenance**.

5. Select **Deep Cleaning**.



The confirmation screen will appear.

6. Select **Yes**.

The printer starts cleaning the print head deeply.

Do not perform any other operations until the printer completes the deep cleaning of the print head.

The pattern print confirmation screen will appear.

7. Select **Yes**.

8. Press the **OK** button.

The nozzle check pattern will be printed.

9. When the completion message appears, select **OK**.

10. [Examine the nozzle check pattern.](#)

If the problem is not resolved, turn off the power and clean the print head deeply again after 24 hours.

If the problem is still not resolved, the print head may be damaged. Contact your nearest Canon service center to request a repair.


Aligning the Print Head

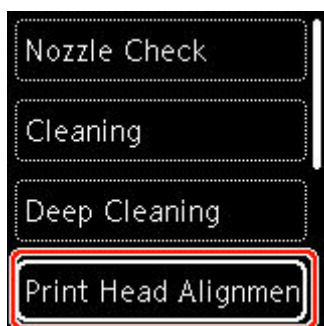
If printed ruled lines are misaligned or print results are otherwise unsatisfactory, adjust the print head position.

▶▶▶ Note

- If the remaining ink level is low, the print head alignment sheet will not be printed correctly.
[Replace the ink tank](#) whose ink is low.
- If ink runs out as the print head alignment sheet is printed, an error message appears on the LCD.
➔ [When Error Occurred](#)

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. [Check that printer is turned on.](#)
2. Load a sheet of A4 or Letter-sized plain paper in rear tray.
➔ [Loading Photo Paper / Plain Paper](#)
3. Select  (Setup) on HOME screen.
➔ [LCD and Operation Panel](#)
4. Select **Maintenance**.
5. Select **Print Head Alignment - Auto**.



The confirmation screen will appear.

▶▶▶ Note

- To print and check the current head position alignment values, select **Print the head alignment value**.

6. Select **Yes**.
7. Press the **OK** button.

The print head alignment sheet is printed, and the print head is aligned automatically.

▶▶▶ Note

- If automatic print head alignment fails, an error message appears on the LCD.
 - ➔ [When Error Occurred](#)

8. When completion message appears, select **OK**.

▶▶▶ Note


- If the print results are still not satisfactory after adjusting the print head position as described above, [adjust the print head position manually](#).
 - For Windows:
You can also align the print head manually from a computer.
 - ➔ [Adjusting Print Head Position Manually](#)

Aligning the Print Head Manually

Try aligning the print head manually after automatic print head alignment if printing results are not as expected, as when printed ruled lines are misaligned.

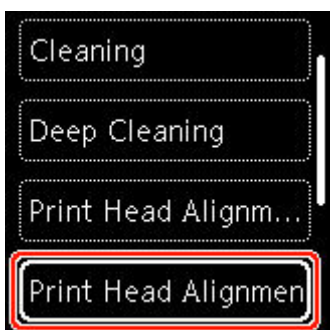
What you will need: three sheets of A4 or Letter-sized plain paper

1. [Check that printer is turned on.](#)
2. Load three sheets of A4 or Letter-sized plain paper in rear tray.
➔ [Loading Photo Paper / Plain Paper](#)

3. Select  (Setup) on HOME screen.
➔ [LCD and Operation Panel](#)

4. Select **Maintenance**.

5. Select **Print Head Alignment - Manual**.



The confirmation screen will appear.

▶▶▶ Note

- To print and check the current head position alignment values, select **Print the head alignment value**.

6. Select **Yes**.

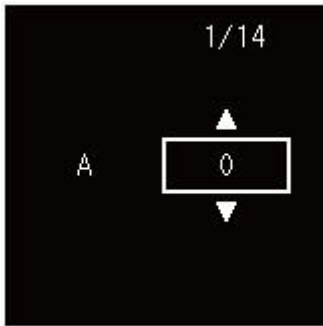
7. Press the **OK** button.

The print head alignment pattern will be printed.

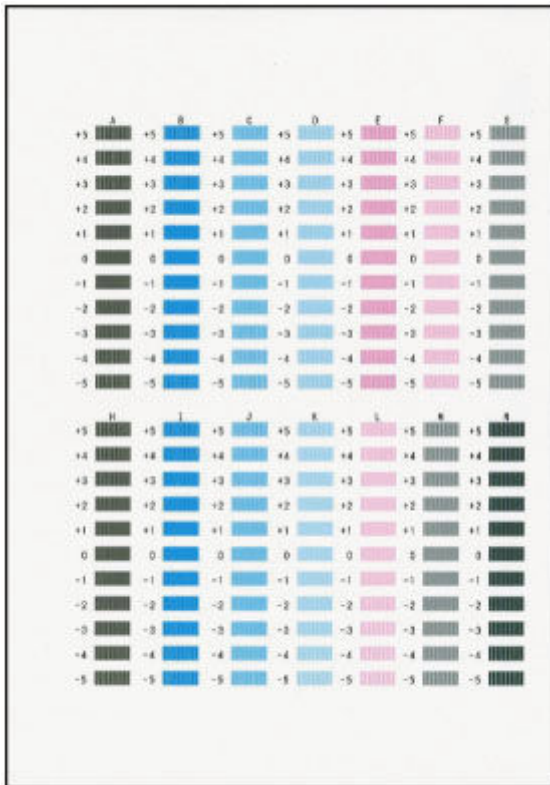
8. When **Did the patterns print correctly?** appears, make sure pattern was printed correctly, and if so, select **Yes**.

9. Check message and select **OK**.

The input screen for head position alignment values is displayed.



10. Examine first patterns. In column A, find pattern in which streaks are least noticeable, select the number of that pattern, and then press the **OK** button.



►►► **Note**

- If all patterns look different, choose the pattern in which vertical streaks are least noticeable.

Subtle vertical streaks



Noticeable vertical streaks



11. Repeat these steps for columns B to N.

12. Check message and press the **OK** button.

The second set of patterns is printed.

- 13.** Examine second patterns. In column O, find pattern in which streaks are least noticeable, select the number of that pattern, and then press the **OK** button.



►► Note

- If all patterns look different, choose the pattern in which horizontal stripes are least noticeable.

Subtle horizontal stripes



Noticeable horizontal stripes



- 14.** Repeat these steps for columns P to V.

- 15.** Check message and press the **OK** button.

The third set of patterns is printed.

- 16.** Examine third patterns. In column W, find pattern in which stripes are least noticeable, select the number of that pattern, and then press the **OK** button.



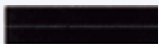
►►► **Note**

- If all patterns look different, choose the pattern in which horizontal streaks are least noticeable.

Subtle horizontal streaks



Noticeable horizontal streaks



17. Repeat these steps until you have finished entering all pattern numbers for columns X.

18. When completion message appears, select **OK**.

Performing Maintenance Functions from Your Computer (Windows)

- **Opening the Maintenance Tool (Canon IJ Printer Assistant Tool)**
- **Cleaning the Print Heads**
- **Adjusting Print Head Position Automatically**
 - Adjusting Print Head Position Manually

Opening the Maintenance Tool (Canon IJ Printer Assistant Tool)

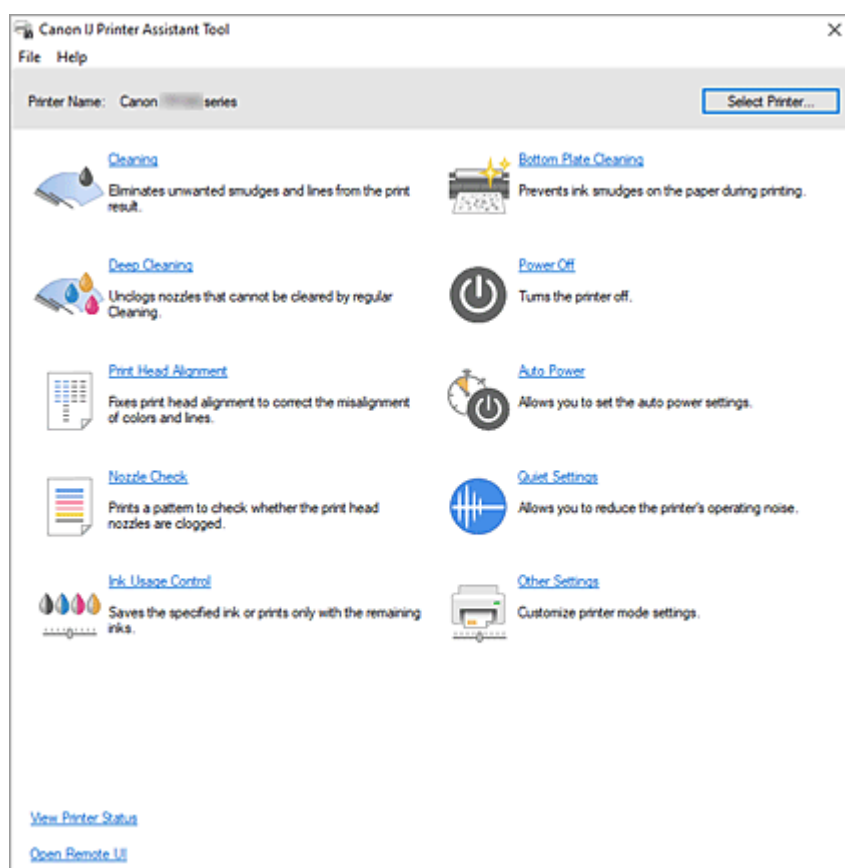
Canon IJ Printer Assistant Tool is an application software to perform printer maintenance or change the settings of the printer.

When printer driver is installed, Canon IJ Printer Assistant Tool is also installed.

To install only Canon IJ Printer Assistant Tool, access the Canon web site and download the software.

►►► Note

- For details on installing the Driver, see "[Installing the Driver](#)."



How to start the Canon IJ Printer Assistant Tool

Canon IJ Printer Assistant Tool can be started in the following ways.

- Click **Maintenance and Preferences** icon in the **Maintenance** tab of the printer driver.
- From Windows **Start** menu, click (**All apps, Apps, or All Programs ->**) **Canon Utilities -> IJ Printer Assistant Tool**.

Related Topics

- ➔ [Cleaning the Print Heads](#)
- ➔ [Adjusting Print Head Position Automatically](#)
- ➔ [Printing a Nozzle Check Pattern](#)

- ➡ Cleaning Inside the Printer
- ➡ [Managing the Printer Power](#)
- ➡ Reducing the Printer Noise
- ➡ [Changing the Printer Operation Mode](#)

Cleaning the Print Heads

The print head Cleaning and Deep Cleaning functions allow you to clear up clogged print head nozzles. Perform print head Cleaning if printing results are not satisfactory or if a specific color fails to print, even though there is enough ink.



Cleaning

1. Open [Canon IJ Printer Assistant Tool](#)

2. Click **Cleaning**

When the **Print Head Cleaning** dialog box opens, select the ink group for which Cleaning is to be performed.

Click **Initial Check Items** to display the items you need to check before performing Cleaning.

3. Perform Cleaning

Check that the printer is on and then click **Start**.

Print Head Cleaning starts.

4. Complete Cleaning

Click **OK** when the confirmation message is displayed.

The **Nozzle Check** dialog box will open.

5. Check the results

To check whether the print quality has improved, click **Print Check Pattern**. To cancel the check process, click **Cancel**.

If cleaning the head once does not resolve the print head problem, clean it once more.

►►► Important

- **Cleaning** consumes a small amount of ink. Cleaning the print head frequently will rapidly deplete your printer's ink supply. Perform Cleaning only when necessary.



Deep Cleaning

Deep Cleaning is more thorough than Cleaning. Perform Deep Cleaning when two **Cleaning** attempts do not resolve the print head problem.

1. Open [Canon IJ Printer Assistant Tool](#)

2. Click **Deep Cleaning**

When the **Deep Cleaning** dialog box opens, select the ink group for which Deep Cleaning is to be performed.

Click **Initial Check Items** to display the items you need to check before performing Deep Cleaning.

3. Perform Deep Cleaning

Check that the printer is on and then click **Start**.

Click **OK** when the confirmation message appears.

Print head Deep Cleaning starts.

4. Complete Deep Cleaning

Click **OK** when the confirmation message is displayed.

The **Nozzle Check** dialog box will open.

5. Check the results

To check whether the print quality has improved, click **Print Check Pattern**. To cancel the check process, click **Cancel**.

Important

- **Deep Cleaning** consumes a larger amount of ink than **Cleaning**.
Cleaning the print head frequently will rapidly deplete your printer's ink supply. Perform Deep Cleaning only when necessary.

Related Topic

- ➔ [Printing a Nozzle Check Pattern](#)

Adjusting Print Head Position Automatically

Print Head Alignment corrects the installation positions of the print head and improves misalignment of colors and lines.

This printer supports two head alignment methods: automatic head alignment and manual head alignment. Normally, the printer is set for automatic head alignment, but if the printing results are not satisfactory, such as if the borders are not aligned, perform [manual head alignment](#).

The procedure for performing automatic Print Head Alignment is as follows:

▶▶▶ Important

- A pattern will be printed for head alignment. Do not open the print head cover while printing is in progress.



Print Head Alignment

1. Open [Canon IJ Printer Assistant Tool](#)

2. Click **Print Head Alignment**

The **Print Head Alignment** dialog box appears.

3. Set the paper thickness lever to the right, and load paper in printer

Load one sheet of A4 size or Letter size plain paper into the rear tray.

▶▶▶ Note

- The number of sheets to be used differs when you select the manual head alignment.

4. Perform head alignment

Check that the printer is on and then click **Start**.

Follow the instruction in the message.

▶▶▶ Note

- Wait until printing ends before performing other operations. Printing takes about 4 minutes to complete.

▶▶▶ Note

- In the **Print Head Alignment** dialog box, click **Print Alignment Value** to print the current settings so that you can check the settings.

Adjusting Print Head Position Manually

Print Head Alignment corrects the installation positions of the print head and improves misalignment of colors and lines.

This printer supports two head alignment methods: [automatic head alignment](#) and manual head alignment. Normally, the printer is set for automatic head alignment, but if the printing results are not satisfactory, such as if the borders are not aligned, perform manual head alignment.

The procedure for performing manual Print Head Alignment is as follows:

▶▶▶ Important

- Printing is required for adjusting the position of the print head. Do not open the print head cover while printing is in progress; otherwise, printing will stop.



Print Head Alignment

1. Open [Canon IJ Printer Assistant Tool](#)
2. Check that the printer power is on, and then click **Other Settings**

The **Other Settings** dialog box opens.

▶▶▶ Note

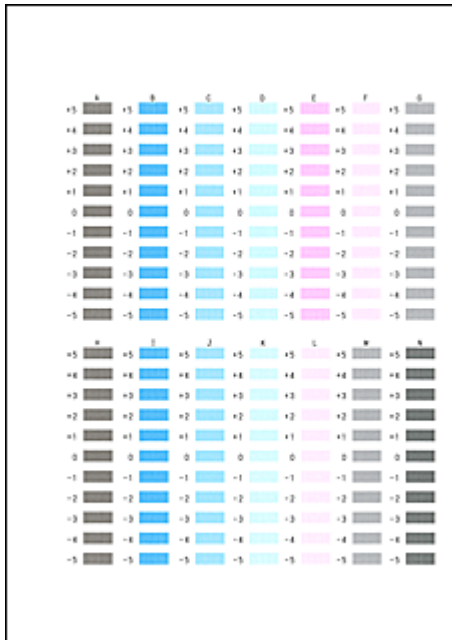
- If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status. If this happens, click **OK** to display the most recent settings specified on your computer.

3. Switch head alignment to manual
Check the **Align heads manually** check box.
4. Apply the settings
Click **OK** and when the confirmation message appears, click **OK**.
5. Click **Print Head Alignment**
The **Print Head Alignment** dialog box opens.
6. Set the paper thickness lever to the right, and load paper in printer
Load three sheets of A4 size or Letter size plain paper into the rear tray.
7. Perform head alignment
Click **Start**.
Follow the instruction in the message.

8. Check printed pattern

In each entry field, enter the number of the pattern with the least prominent streaks from among the printed patterns.

You can also enter numbers into the entry fields automatically by clicking relevant pattern in the preview.



After completing the entries, click **OK**.

➤➤➤ Note

- If the patterns are not uniform, select the pattern with the least prominent vertical streaks.



(A)



(B)

(A) Less prominent vertical streaks

(B) More prominent vertical streaks

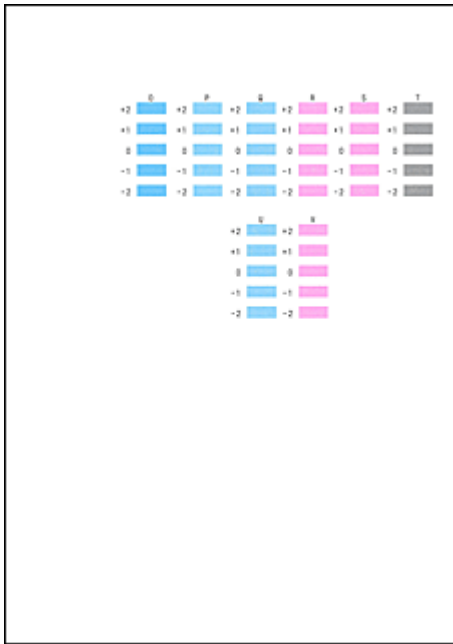
9. Check the displayed message and click **OK**

The second pattern is printed.

10. Check printed patterns

In each entry field, enter the number of the pattern with the least prominent stripes from among the printed patterns.


You can also enter numbers into the entry fields automatically by clicking relevant pattern in the preview.



After completing the entries, click **OK**.


▶▶▶ Note

- If the patterns are not uniform, select the pattern with the least prominent horizontal stripes.



(A)

(A) Less prominent horizontal stripes



(B)

(B) More prominent horizontal stripes

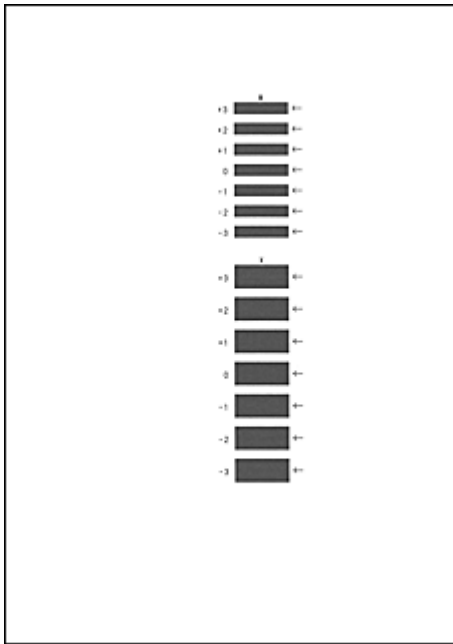
11. Check message content, and click **OK**

The print head adjustment patterns on the third sheet are printed.

12. Check printed patterns

In each entry field, enter the number of the smoothest pattern with the least streaks in the boundaries indicated by the arrows from among the printed patterns.

You can also enter numbers into the entry fields automatically by clicking the positions of the smoothest patterns in the preview.



After completing the entries, click **OK**.

➤➤➤ Note

- If the patterns are not uniform, select the pattern with the least prominent horizontal streaks.



(A)



(B)

(A) Less prominent horizontal streaks

(B) More prominent horizontal streaks

13. Complete head position adjustment

Click **OK**.

The adjustment of the head position is complete.

➤➤➤ Note

- To print and check the current setting, open the **Print Head Alignment** dialog box, and click **Print Alignment Value**.

Performing Maintenance Functions from Your Computer (macOS)

- **Opening Remote UI for Maintenance**
- **Cleaning the Print Heads**
- **Adjusting Print Head Position**
- **Checking Ink Status from Your Computer**

Opening Remote UI for Maintenance

You can perform maintenance of printer and change the settings from a Remote UI. The following is the procedure to open a Remote UI.

1. Open **System Settings**, and select **Printers & Scanners**
2. Select your model from the printer list, and click **Options & Supplies...**
3. Click **Show Printer Webpage...** in **General** tab

Remote UI starts.

▶▶▶ Note

- The password may have to be entered after Remote UI starts. In such a case, enter the password and click **OK**. In case you do not know the password, see "Password and Cookie."

Related Topics

- ➔ [Cleaning the Print Heads](#)
- ➔ [Adjusting Print Head Position](#)
- ➔ [Checking Ink Status from Your Computer](#)
- ➔ [Printing a Nozzle Check Pattern](#)
- ➔ [Managing the Printer Power](#)
- ➔ [Changing the Printer Operation Mode](#)
- ➔ [Reducing the Printer Noise](#)

Cleaning the Print Heads

The print head Cleaning and Deep Cleaning functions allow you to clear up clogged print head nozzles. Perform print head Cleaning if printing results are not satisfactory or if a specific color fails to print, even though there is enough ink.

Cleaning

1. Select **Utilities** from [Remote UI](#)

2. Click **Cleaning**

Before performing Cleaning, check the following items:

Check whether the printer is on and open the printer's cover.

Check the following items for each ink. Then, if necessary, perform **Cleaning**.

- [Is there ink remaining?](#)
- Did you push in the ink completely until you heard a clicking sound?
- If the orange tape is there, has it been peeled off completely?
Any remaining tape will hinder ink output.
- Did you install the inks in their correct positions?

3. Perform Cleaning

Click **Yes**.

Print head Cleaning starts.

4. Complete Cleaning

Next, the message for Nozzle Check pattern printing is displayed.

5. Check the results

To check whether the print quality has improved, click **Yes**. To cancel the check process, click **No**.

If cleaning the head once does not resolve the print head problem, clean it once more.

Important

- **Cleaning** consumes a small amount of ink.
Cleaning the print head frequently will rapidly deplete your printer's ink supply. Perform Cleaning only when necessary.

Deep Cleaning

Deep Cleaning is more thorough than Cleaning. Perform Deep Cleaning when two **Cleaning** attempts do not resolve the print head problem.

1. Select **Utilities** from [Remote UI](#)

2. Click **Deep Cleaning**

Before performing Deep Cleaning, check the following items:

Check whether the printer is on and open the printer's cover.

Check the following items for each ink. Then, if necessary, perform **Deep Cleaning**.

- [Is there ink remaining?](#)
- Did you push in the ink completely until you heard a clicking sound?
- If the orange tape is there, has it been peeled off completely?
Any remaining tape will hinder ink output.
- Did you install the inks in their correct positions?

3. Perform Deep Cleaning

Click **Yes**.

Print head Deep Cleaning starts.

4. Complete Deep Cleaning

Next, the message for Nozzle Check pattern printing is displayed.

5. Check the results

To check whether the print quality has improved, click **Yes**. To cancel the check process, click **No**.

▶▶▶ Important

- **Deep Cleaning** consumes a larger amount of ink than **Cleaning**.
Cleaning the print head frequently will rapidly deplete your printer's ink supply. Perform Deep Cleaning only when necessary.

Related Topic

- ➔ Printing a Nozzle Check Pattern

Adjusting Print Head Position

Any error in the print head installation position can cause color and line shifts. Adjusting the print head position improves print results.

Print Head Alignment - Auto

1. Select **Utilities** from [Remote UI](#)

2. Click **Print Head Alignment - Auto**

A message appears.

3. Load paper in printer

Load one sheet of A4 size or Letter size plain paper into the rear tray.

4. Run head position adjustment

Check that the printer power is on, and then click **Yes**.

Head alignment starts. Proceed with the operations in accordance with the messages on the screen.

►► Important

- Do not open the print head cover while printing is in progress; otherwise, printing will stop.

►► Note

- You can print and check the current settings by clicking on **Print the head alignment value**.

Checking Ink Status from Your Computer

You can check the detailed information such as the remaining ink level and the ink tank types of your model.

If you select **Printer status** from [Remote UI](#), the ink status appears as an illustration.

Estimated ink levels

You can check the types and levels of ink.

When ink levels are running low or an error occurs because there is no ink, a notification icon will appear.

Ink model number

You can look up the correct ink tank for your printer.

»» Note

- To check the ink status, you can also display **Printer Info** in the print dialog and select **Supply Levels**.

Cleaning


- **Cleaning Exterior Surfaces**
- **Cleaning Paper Feed Rollers**
- **Cleaning Inside the Printer (Bottom Plate Cleaning)**

Cleaning Paper Feed Rollers

If the paper feed roller is dirty or paper powder is attached to it, paper may not be fed properly. In this case, clean the paper feed roller. Cleaning will wear out the paper feed roller, so perform this only when necessary.

You need to prepare: three sheets of A4 or Letter-sized plain paper

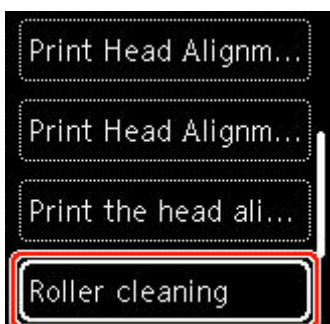
1. [Check that printer is turned on.](#)

2. Select  (Setup) on HOME screen.

➔ [LCD and Operation Panel](#)

3. Select **Maintenance**.

4. Select **Roller cleaning**.



The confirmation screen will appear.

5. Select **Yes**.

6. Follow the message to remove any paper from the rear tray.

7. Press the **OK** button.

The paper feed roller will rotate as it is cleaned without paper.

8. Make sure that the paper feed roller has stopped rotating, then follow the message to load the three sheets of A4 or Letter-sized plain paper in the rear tray.

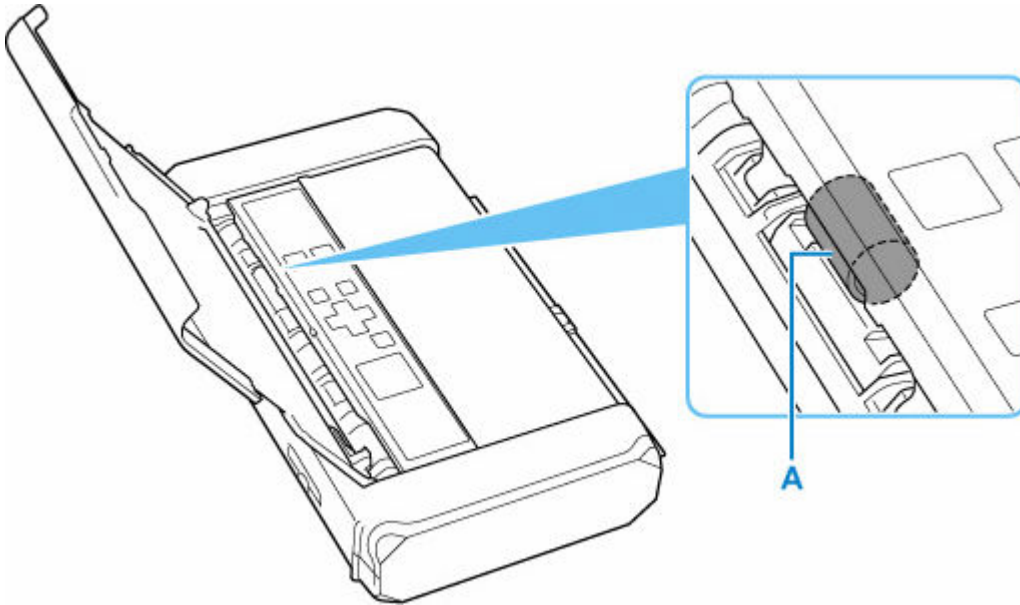
➔ [Loading Photo Paper / Plain Paper](#)

9. Press the **OK** button.

The printer starts cleaning. The cleaning will be complete when the paper is ejected.

10. When the completion message appears, select **OK**.

If the problem is not resolved after cleaning the paper feed roller, turn off the power, unplug the power cord, then wipe the paper feed roller (A) located on the right side inside the rear tray with a moistened cotton swab or the like while rotating them manually. Do not touch the roller with your fingers. Rotate the roller two or more times.



After cleaning the paper feed roller with a cotton swab, turn on the power, then clean the paper feed roller again.

If the problem is not resolved after cleaning the paper feed roller, contact your nearest Canon service center to request a repair.

Cleaning Inside the Printer (Bottom Plate Cleaning)

Remove stains from the inside of the printer. If the inside of the printer becomes dirty, printed paper may get dirty, so we recommend performing cleaning regularly.

You need to prepare: two sheets of A4 or Letter-sized plain paper*

* Be sure to use a new piece of paper.

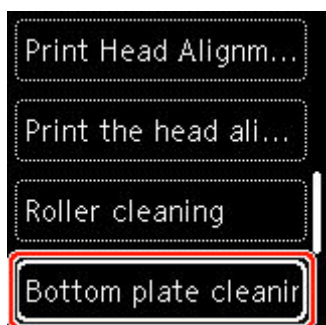
1. [Check that printer is turned on.](#)

2. Select  (Setup) on HOME screen.

➔ [LCD and Operation Panel](#)

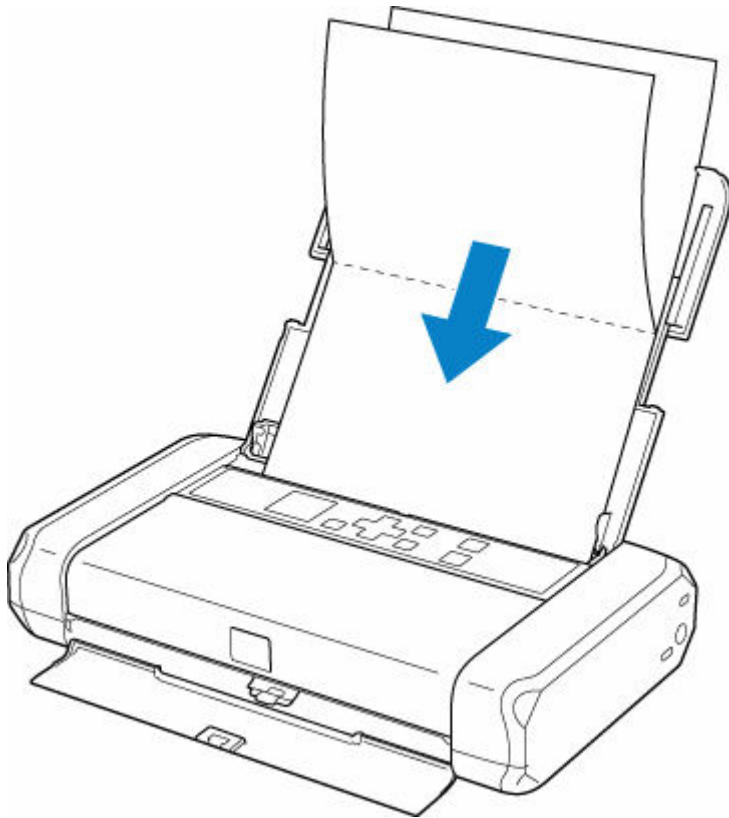
3. Select **Maintenance**.

4. Select **Bottom plate cleaning**.

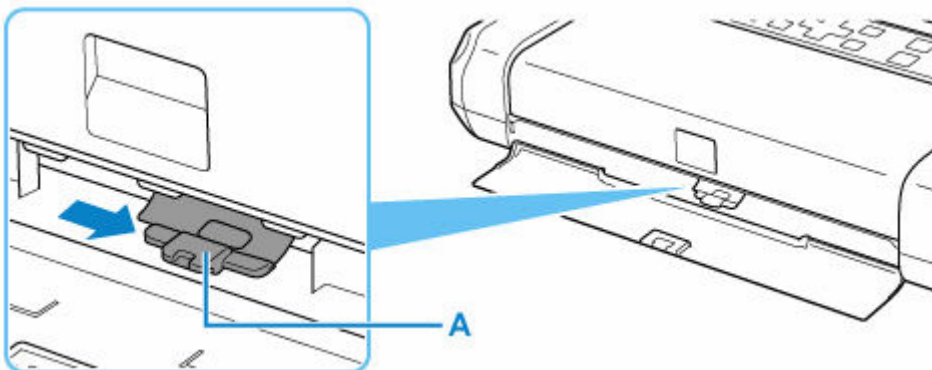


The confirmation screen will appear.

5. Select **Yes**.
6. Follow the message to remove any paper from the rear tray, then press **OK** button.
7. Load only one sheet of A4 or Letter-sized plain paper in the rear tray, then press **OK** button.
8. Fold the other sheet of A4 or Letter-sized plain paper in half widthwise, then unfold the paper, then press **OK** button.
9. Load this sheet of paper on the paper loaded in step 7 with the open side facing you.



10. Set the paper thickness lever (A) to the right.



11. Press **OK** button.

The paper cleans the inside of the printer and only the paper folded in step 9 is ejected.

Check the folded parts of the ejected paper. If they are smudged with ink, perform Bottom Plate Cleaning again.

12. When the completion message appears, select **OK**.

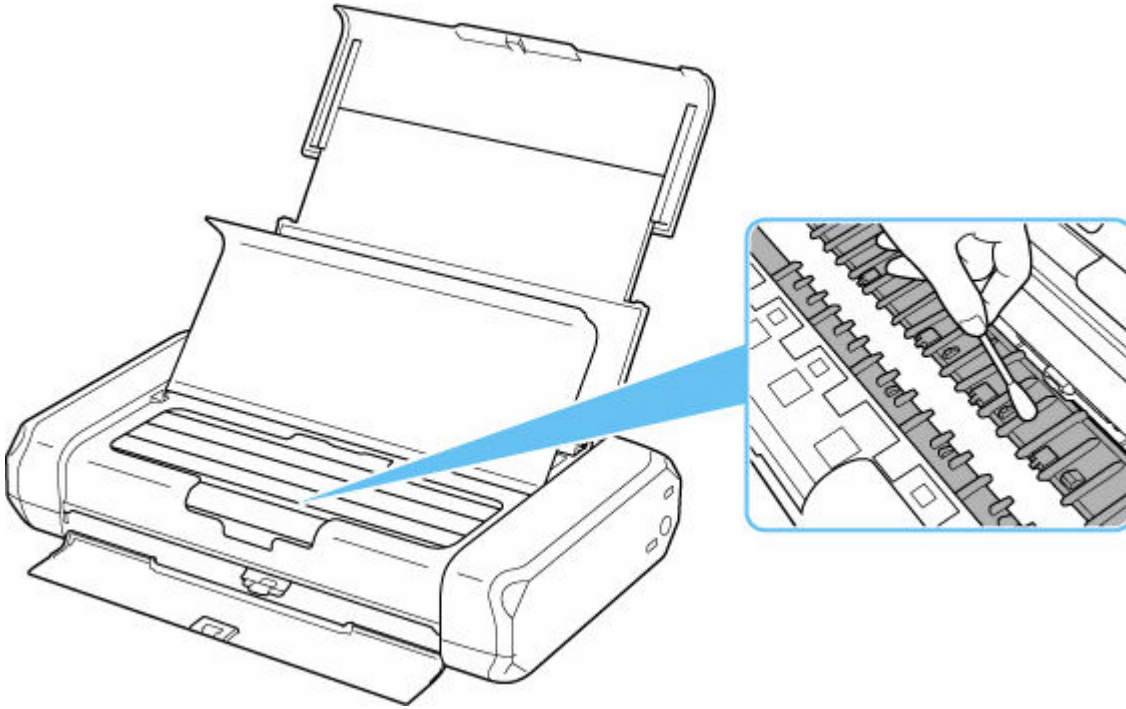
►►► **Note**

- When performing Bottom Plate Cleaning again, be sure to use a new piece of paper.

If the problem is not resolved after performing cleaning again, the protrusions inside the printer may be stained. Wipe off any ink from the protrusions using a cotton swab or the like.

»» Important

- Be sure to turn off the power and unplug the power cord before cleaning the printer.



Changing Settings

- **Changing Printer Settings from Your Computer (Windows)**
- **Changing Printer Settings from Your Computer (macOS)**
- **Changing Settings from Operation Panel**

Changing Printer Settings from Your Computer (Windows)

- **Changing the Print Options**
- **Managing the Printer Power**
- **Changing the Printer Operation Mode**

Changing the Print Options

You can change the detailed printer driver settings for print data that is sent from an application software. Specify this option if you encounter print failures such as part of an image data being cut off.

1. Open the [printer driver setup window](#)

2. Click **Print Options...** on the **Page Setup** tab

The **Print Options** dialog box opens.

3. Change the individual settings

If necessary, change the setting of each item, and then click **OK**.

The **Page Setup** tab is displayed again.

Managing the Printer Power

This function allows you to manage the printer power from the Canon IJ Printer Assistant Tool.



Power Off

The **Power Off** function turns off the printer. When you use this function, you will not be able to turn the printer on from the Canon IJ Printer Assistant Tool.

1. Open [Canon IJ Printer Assistant Tool](#)

2. Perform power off

Click **Power Off**. When the confirmation message appears, click **OK**.

The printer power switches off.



Auto Power

Auto Power allows you to set **Auto Power On** and **Auto Power Off**.

The **Auto Power On** function automatically turns on the printer when data is received.

The **Auto Power Off** function automatically turns off the printer when there are no operations from the printer driver or the printer for a specified period of time.

A different time can be set depending on whether the AC adapter is used or the battery is used.

1. Open the [Canon IJ Printer Assistant Tool](#)

2. Check that the printer is on and then click **Auto Power**

The **Auto Power Settings** dialog box will open.

▶▶▶ Note

- If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status. If this happens, click **OK** to display the most recent settings specified on your computer.

3. If necessary, complete the following settings:

Auto Power On

Select the auto-power on setting.

Select **Disable** to prevent the auto-power on feature from functioning.

Check that the printer is on, and then click **OK** to change the printer settings.

Select **Enable** to turn the printer on automatically when print data is sent to it.

▶▶▶ Important

- **Auto Power On** only works when using the AC adapter.

Auto Power Off

Select the time that you want to set from the list. If a printer driver operation or a printer operation is not performed within the selected time, the printer turns off.

When Using AC Adapter

Select how long you want the printer to stay on when using the AC adapter from the following options: **Disable/15 minutes/30 minutes/60 minutes/120 minutes/240 minutes**.

When Using Battery

Select how long you want the printer to stay on when using the battery from the following options: **5 minutes/10 minutes/15 minutes/30 minutes**.

▶▶▶ Important

- **Disable** cannot be selected for **When Using Battery**.

▶▶▶ Note

- Enabling auto power on, disabling auto power off, or extending the transition time for auto power off will increase power consumption.

4. Apply the settings

Click **OK**. When the confirmation message appears, click **OK**.

The setting is enabled after this. When you want to disable this function, select **Disable** from the list according to the same procedure.

▶▶▶ Note

- When the printer is turned off, the Canon IJ Status Monitor message varies depending on the **Auto Power On** setting.

When the setting is **Enable**, "Printer is standing by" is displayed. When the setting is **Disable**, "Cannot communicate with printer" is displayed.

Changing the Printer Operation Mode

If necessary, switch between various modes of printer operation.

If you want to change printer settings, open one of the following two screens, and configure settings.

- [Custom Settings in the Maintenance Tab](#)
- [Other Settings in Canon IJ Printer Assistant Tool](#)

For functions related to print settings, go to **Custom Settings** in the **Maintenance** Tab. For other settings, go to **Other Settings** in Canon IJ Printer Assistant Tool.

Custom Settings in the Maintenance Tab

1. Open the **Maintenance** Tab
2. Check that the printer power is on, and click **Custom Settings**

The [Custom Settings dialog box](#) opens.

▶▶▶ Note

- If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status.
If this happens, click **OK** to display the most recent settings specified on your computer.

3. Configure settings

If necessary, switch between various modes of printer operation.

4. Apply the settings

Click **OK** and when the confirmation message appears, click **OK**.

The printer operates with the modified settings hereafter.

Other Settings in Canon IJ Printer Assistant Tool

1. Open the [Canon IJ Printer Assistant Tool](#)
2. Check that the printer is on and then click **Other Settings**

The **Other Settings** dialog box opens.

▶▶▶ Note

- If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status.
If this happens, click **OK** to display the most recent settings specified on your computer.

3. Configure settings

If necessary, switch between various modes of printer operation.

4. Apply the settings

Click **OK** and when the confirmation message appears, click **OK**.

The printer operates with the modified settings hereafter.

Changing Printer Settings from Your Computer (macOS)

- **Managing the Printer Power**
- **Changing the Printer Operation Mode**

Managing the Printer Power

Printer power supply is operated from Remote UI.

Energy saving settings

Energy saving settings allow you to set Auto power off and Auto power on.

Auto power off is the function wherein the printer automatically turns itself off, when data is not sent or the printer remains inactive for a certain period.

The Auto power on function automatically turns on the printer when data is received.

A different time can be set depending on whether the AC adapter is used or the battery is used.

1. Selecting **Printer settings** from [Remote UI](#)

2. Click **Energy saving settings**

3. Complete the following settings:

Auto power off - LAN/USB connection (Using AC adapter) / Auto power off - no LAN/USB connection (Using AC adapter)

Select the time you want to set from the list. When using the AC adapter, the printer will turn off automatically if no data is sent to the printer or if the printer is not operated within the specified time.

If all of the following conditions are met, the settings in **Auto power off - no LAN/USB connection (Using AC adapter)** will be followed.

- All LAN settings in the printer settings are disabled
- There is no USB connection to a PC
- The modular cable is not connected to the printer

Otherwise, the settings in **Auto power off - LAN/USB connection (Using AC adapter)** will be followed.

Auto power off (battery)

Select the time you want to set from the list. When using the battery, the printer will turn off automatically if no data is sent to the printer or if the printer is not operated within the specified time.

Important

- **OFF** cannot be specified for **Auto power off (battery)**.

Auto power on (AC adapter)

When you check this check box, the printer automatically turns itself on when data is sent.

Important

- **Auto power on (AC adapter)** only functions when you are using the AC adapter.

Note

- Disabling or extending the transition time for auto power off or enabling auto power on will increase power consumption.

- The displayed items vary depending on your region.

4. Apply the settings

Click **OK**.

The printer will operate with the changed settings hereafter.

Changing the Printer Operation Mode

If necessary, switch between various modes of printer operation.

1. Check whether the printer is on and select **Printer settings** from [Remote UI](#)
2. If necessary, complete the following settings:

Custom settings - Detect paper setting mismatch

If the check box is deselected, at the time of printing from PC, you can continue to print without the message display even if the paper settings set in the print dialog differs from the paper information registered to the printer.

Ink drying wait time

You can set the length of the printer rest time until printing of the next page begins. The wait time becomes longer as the value set in the list increases, and shorter as the value decreases.

If the paper gets stained because the next page is ejected before the ink on the printed page dries, increase the ink drying wait time.

3. Apply the settings

Click **OK**.

The printer operates with the modified settings hereafter.

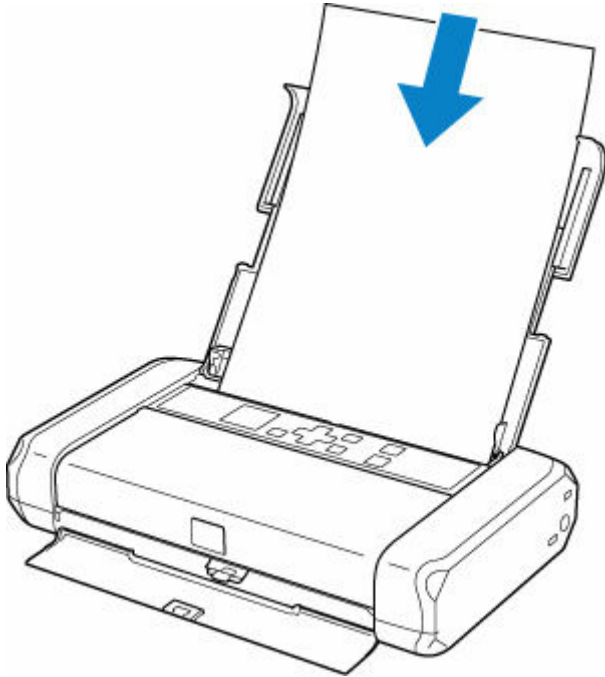
Changing Settings from Operation Panel

- **Paper Settings**
- **Changing Settings from Operation Panel**
- **Setting Items on Operation Panel**
- **Print settings**
- **LAN settings**
- **Other device settings**
- **Language selection**
- **Firmware update**
- **Reset setting**
- **Feed settings**
- **Web service setup**
- **ECO settings**
- **Quiet setting**
- **System information**

Paper Settings

By registering the paper size and the media type loaded on the rear tray, you can prevent the printer from misprinting by displaying the message before printing starts when the paper size or the media type of the loaded paper differs from the print settings.

After loading paper:



The screen to register the rear tray paper information is displayed.



If the page size on the LCD matches the size of the paper loaded in the rear tray, select **OK**.

If not, select **Change** to change the setting in accordance with the size of the loaded paper.

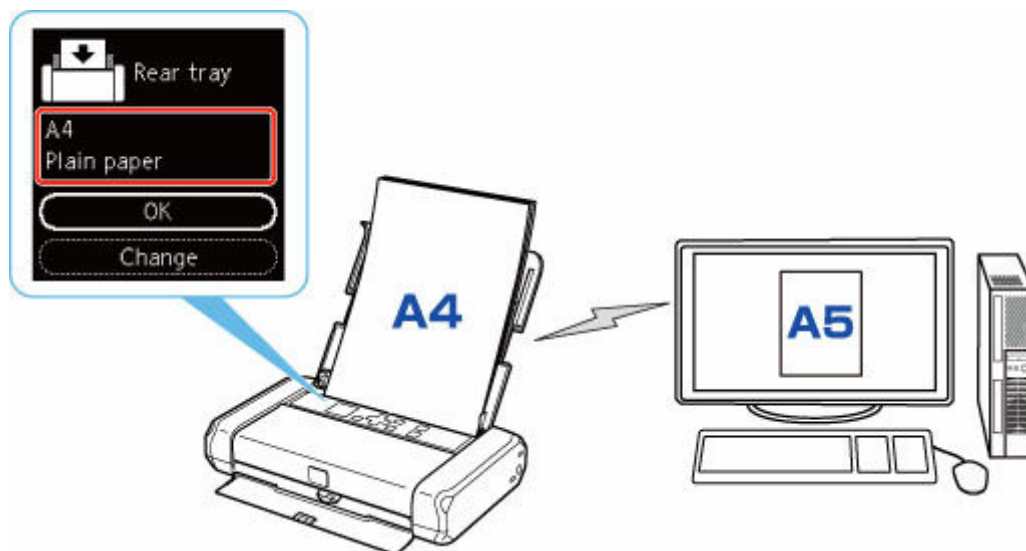
►► Important

- For more on the proper combination of paper settings you can specify by the printer driver (Windows) or on the LCD:
 - ➔ [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - ➔ [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

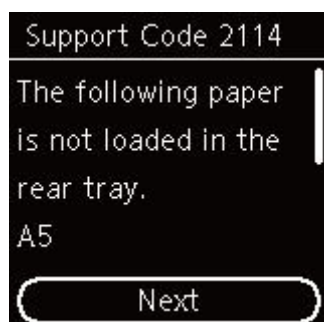
When the paper settings for printing are different from the paper information registered to the printer:

Ex:

- Paper settings for printing: A5
- Paper information registered to the printer: A4



When you start printing, a message will appear.



Check the message and select **Next**. When the screen to select the operation is displayed, select one of the operations below.

▶▶▶ Note

- Depending on the setting, the choices below may not be displayed.

Print on set paper

Select if you want to print on the paper loaded without changing the paper settings.

For example, when the paper setting for printing is A5 and the paper information registered to the printer is A4, the printer starts printing on the paper loaded in the rear tray without changing the paper size setting for printing.

Replace paper

Select if you want to print after replacing the paper of the rear tray.

For example, when the paper size setting for printing is A5 and the paper information registered to the printer is A4, you load A5 sized paper in the rear tray before you start printing.

The paper information registration screen is displayed after replacing the paper. Register the paper information according to the paper that you loaded.

▶▶▶ Note

- If you do not know what paper information to register to the printer, press the **Back** button when the screen to select the operation is displayed.
- For more on the proper combination of paper settings you can specify by the printer driver (Windows) or on the LCD:
 - ➡ [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - ➡ [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)


Cancel print

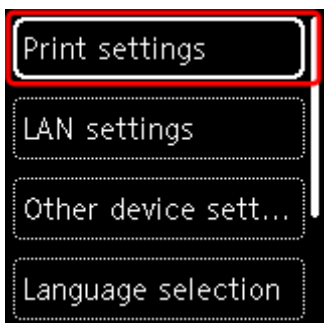
Cancels printing.

Select when you change the paper settings specified for printing. Change the paper settings and try printing again.

Changing Settings from Operation Panel

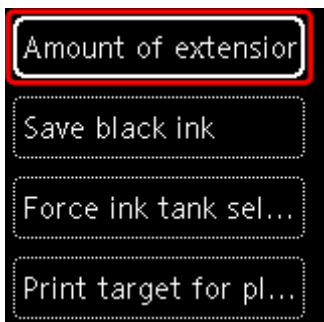
This section describes the procedure to change the settings in the **Device settings** screen, taking the steps to specify **Amount of extension** as an example.

1. [Check that printer is turned on.](#)
2. Select  (Setup) on HOME screen.
➔ [LCD and Operation Panel](#)
3. Select **Device settings**.
4. Select a setting item to adjust.

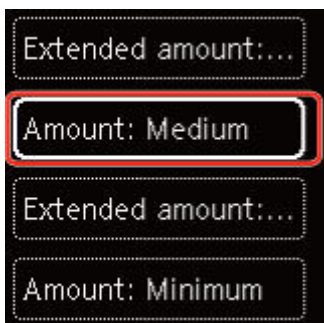


The setting screen for the selected item is displayed.

5. Select a setting item.



6. Select a setting to specify.



For more on setting items on the operation panel:

➡ [Setting Items on Operation Panel](#)

Setting Items on Operation Panel

Items for Printer

- ➔ [Other device settings](#)
- ➔ [Language selection](#)
- ➔ [Web service setup](#)
- ➔ [ECO settings](#)
- ➔ [Quiet setting](#)

Items for Paper/Printing

- ➔ [Print settings](#)
- ➔ [Feed settings](#)

Items for Maintenance/Management

- ➔ [LAN settings](#)
- ➔ [Firmware update](#)
- ➔ [Reset setting](#)
- ➔ [System information](#)

Print settings



Select this setting item from **Device settings** in the menu screen which appears when you select (Setup) on the HOME screen.

- **Amount of extension**

Selects the amount of image that extends off the paper when printing in borderless (full).

When performing Borderless Printing, slight cropping may occur at the edges since the printed image is enlarged to fill the whole page. You can change the width to be cropped from the borders of the original image as needed.

▶▶▶ Note

- When performing settings from application software or the printer driver, these settings will be prioritized.
- If printouts contain margins even though you are printing in Borderless, specifying **Extended amount: Large** for this setting may help solve the problem.

- **Save black ink**

You can make ink last by adjusting the used amount of black ink.

- **Force ink tank selection**

You can specify the ink tank to use.

- **All ink tanks**

Use both color ink tank and black ink tank.

- **Color only**

Use only color ink tank.

- **Black only**

Use only black ink tank.

▶▶▶ Note

- **Black only** is not enabled except borderless printing for plain paper or envelope printing. For details, see below.
 - ➡ Setting the Ink Usage Control (Windows)
 - ➡ Setting the Ink Usage Control (macOS)


- **Print target for plain paper**

Select **Text only** or **Text and photos** for plain paper printing.

»» **Note**

- As print results, if you are conscious of unevenness or textures of granularity, select **Text and photos**.

LAN settings

Select this setting item from **Device settings** in the menu screen which appears when you select  (Setup) on the HOME screen.

▶▶▶ Important

- The administrator password may be required to change the settings.

➔ [Wi-Fi](#)

➔ [Wireless Direct](#)

Wi-Fi

By selecting **Wi-Fi** from **LAN settings**, the following settings are available.

To print the LAN settings, select **Print details** in the **LAN settings** and select **Yes**.

➔ [Printing Network Settings](#)

▶▶▶ Important

- The network settings printout contains important information about your network. Handle it with care.

- **Advanced mode**

Enables/disables Wi-Fi.

- **Wi-Fi setup**

Selects the setup method for Wi-Fi connection.

- **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**

- **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.

- **Show setting info**

The following setting items are displayed. (Some setting items are not displayed depending on the printer settings.)

Items	Setting
Connection	Enabled (connected)/Enabled (disconnected)/Disabled
Network name (SSID)	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX (up to 32 characters)
Frequency	2.4 GHz/5 GHz
Wi-Fi security	WPA-PSK(AES)/WPA2-PSK(AES)/WPA3-SAE(AES)
Signal strength (%)	XXX
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)
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
MAC address (Wi-Fi)	XX: XX: XX: XX: XX: XX (12 characters)
Printer name	XXXXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

- **Advanced**

For details on each setting item:

➔ [Advanced](#)

Wireless Direct

By selecting **Wireless Direct** from **LAN settings**, the following settings are available.

To print the LAN settings, select **Print details** in the **LAN settings** screen and select **Yes**.

➔ [Printing Network Settings](#)

Important

- The network settings printout contains important information about your network. Handle it with care.

- **Show setting info**

The following setting items are displayed. (Some setting items are not displayed depending on the printer settings.)

Note

- Select **Show setting info** to display a screen, allowing you to show or hide the password.

Items	Setting
-------	---------

Connection	Enabled (connected)/Disabled
Network name(SSID)	DIRECT-XXXX-TR160series
Password	XXXXXXXXXXXX (10 characters)
Frequency	2.4 GHz/5 GHz
Wi-Fi security	WPA2-PSK(AES)
No. of devices connected now	XX/XX
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)
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)
MAC address (Wi-Fi)	XX: XX: XX: XX: XX: XX (12 characters)
Printer name	XXXXXXXXXXXXXXXXXXXX (up to 15 characters)
Bonjour service name	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX (up to 52 characters)

("XX" represents alphanumeric characters.)

- **Connect to smartphone**

Enables to connect the smartphone to the printer by reading the QR code displayed on the LCD with the smartphone, or also by manually obtaining the network name and password.

- **Advanced mode**

Enables/disables Wireless Direct.

- **Change network name (SSID)**

Changes the identifier (SSID/the printer's name displayed on a Wi-Fi Direct compatible device) for Wireless Direct.

- **Change password**

Changes the password for Wireless Direct.

- **Confirm connection request**

Selecting **ON** displays the confirmation screen when a Wi-Fi Direct compatible device is connecting the printer.

- **2.4GHz/5GHz switch**

Select the frequency of Wireless Direct.

- **Advanced**

For details on each setting item:

➡ [Advanced](#)

Advanced

- **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 setting**

Setting items when you use WSD (one of the network protocols supported in Windows).

- **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.

- **Optimize inbound WSD**

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

- **Timeout setting**

Specifies the timeout length.

- **Bonjour settings**

Setting items for LAN using Bonjour for macOS.

- **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.

- **LPD settings**

Enables/disables the LPD setting.

- **RAW settings**

Enables/disables RAW printing.

- **LLMNR settings**

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

- **IPP settings**

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

- **Wi-Fi DRX setting**

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


»» Note

- Depending on your router, the intermittent reception may not be available even if **Enable** is selected.
- The intermittent reception is available only when the printer is in standby mode (the LCD is automatically off).

- **IPsec settings**

Selecting **Enable** allows you to specify the IPsec security.

Other device settings

Select this setting item from **Device settings** in the menu screen which appears when you select  (Setup) on the HOME screen.

▶▶▶ Important

- The administrator password may be required to change the settings.

- **Key repeat**

When you select **ON**, numbers, characters and other choices can be displayed quickly by pressing the holding the ▲ ▼ button when you are entering the characters etc.

- **ECO settings**

➡ [ECO settings](#)

- **Quiet setting**

➡ [Quiet setting](#)

- **Wi-Fi pairing settings**

In order to connect Canon PRINT, multiple configurations will be performed.

- **Enable/disable pairing**

Set the printer's Wi-Fi pairing function to enable or disable.

- **Allow/block additional pairing**

On another function permit or prohibit Canon PRINT pairing.

- **Delete paired devices**

Cancel all Canon PRINT pairing.

- **Use generic USB serial number**

Select whether to fix USB serial number for connection, or enables or disables it.

When using more than one printer of the same model, enable this setting to avoid creating multiple printer icons for these printers.

For all other cases, set to **OFF**.

- **Charge battery via USB**

Enable or disable charge via USB cable.

Select **ON** to start charging battery via USB when the printer enters power-save mode.

- **Keyboard layout**


Select the keyboard layout from the following three types.

- **QWERTY**

- **QWERTZ**

◦ **AZERTY**

Language selection

Select this setting item from **Device settings** in the menu screen which appears when you select  (Setup) on the HOME screen.

»» Important

- The administrator password may be required to change the settings.

Changes the language for the messages and menus on the LCD.

Japanese / English / German / French / Italian / Spanish / Portuguese / Dutch / Danish / Norwegian / Swedish / Finnish / Russian / Ukrainian / Polish / Czech / Slovene / Hungarian / Slovak / Croatian / Romanian / Bulgarian / Turkish / Greek / Estonian / Latvian / Lithuanian / Simplified Chinese / Korean / Traditional Chinese / Thai / Indonesian / Vietnamese

Firmware update



Select this setting item from **Device settings** in the menu screen which appears when you select (Setup) on the HOME screen.

▶▶▶ Important

- The administrator password may be required to change the settings.

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.

▶▶▶ Important

- Before updating the firmware, connect the AC adapter to the printer and insert a power plug into the outlet.
- When you use this function, make sure the printer is connected to the Internet.

▶▶▶ Note

- Only **Check current version** is available when **Disable** is selected for **Advanced mode** of **Wi-Fi** in **LAN settings**.

- **Install update**

Performs the firmware update of the printer. If you select **Yes**, the firmware update starts. Follow the on-screen instructions to perform 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 LCD, select **OK** and try again after a while.

- **Check current version**

You can check the current firmware version.

- **Update notification setting**

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

- **Auto update settings**

Select **ON** to automatically update the firmware to the latest version.


- **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 LCD to perform settings.

- **Proxy server setup**

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

Reset settings

Select this setting item from **Device settings** in the menu screen which appears when you select  (Setup) on the HOME screen.

▶▶▶ Important

- The administrator password may be required to change the settings.

You can set the settings back to the default.

- **Web service setup only**

Sets the Web service settings back to the default.

- **LAN settings only**

Sets the LAN settings back to the default.

- **Settings only**

Sets the settings such as the paper size or media type back to the default.

- **Reset all**

Sets all settings you made to the printer back to the default. The administrator password is restored to the default setting as well.

➡ Default Administrator Password

▶▶▶ Note

- You cannot set the following setting items back to the default:
 - The language displayed on the LCD
 - The current position of the print head
 - CSR (Certificate Signing Request) for encryption method (SSL/TLS) setting

Feed settings



Select this setting item from **Feed settings** in the menu screen which appears when you select (Setup) on the HOME screen.

By registering the paper size and the media type loaded on the rear tray, you can prevent the printer from misprinting by displaying the message before printing starts when the paper size or the media type of the loaded paper differs from the print settings.

For details:

➔ [Paper Settings](#)

- **Rear tray paper settings**

Registers the paper size and the media type you load on the rear tray.

- **Check paper replacement**

Select **Enable** to detect paper replacement operation. When paper is replaced, paper information screen appears. Select paper size and media type.

- **Detect paper setting mismatch**

If you select **Enable**, the printer detects whether the paper size and the media type are identical with those registered in **Feed settings**. If printing starts with the settings that do not match, an error message is displayed on the LCD.

▶▶▶ **Note**

- When **Disable** is selected, the settings in **Feed settings** is disabled.

Web service setup



Select this setting item from **Web service setup** in the menu screen which appears when you select (Setup) on the HOME screen.

▶▶▶ Important

- The administrator password may be required to change the settings.

- **Web service connection setup**

The following setting items are available.

- **Cloud Printing Center setup**

- Registers/Deletes the printer to/from Canon Cloud Printing Center.

- **Check Web service setup**

- Make sure whether the printer is registered to Canon Cloud Printing Center.

- **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 LCD to perform settings.

- **Proxy server setup**

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

ECO settings


This setting allows you to turn on/off the printer automatically to save electricity.

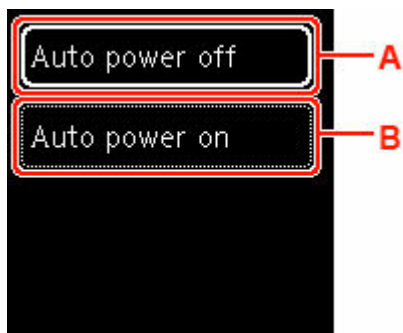
»» Important

- The administrator password may be required to change the settings.

Using Power Saving Function

Follow the procedure below to use power saving function.

1. [Check that printer is turned on.](#)
2. Select  (Setup) on HOME screen.
➔ [LCD and Operation Panel](#)
3. Select **Device settings**.
4. Select **Other device settings**.
5. Select **ECO settings**.
6. Select **Energy saving settings**.
7. Specify settings as necessary.



A: Specify the length of time to turn the printer off automatically when no operation is made or no printing data is sent to the printer.

B: Select **ON** to turn on the printer automatically when printing data is sent to the printer.

»» Note

- If this setting is changed, power consumption may increase.


Quiet setting

Enables this function on the printer if you want to reduce the operating noise, such as when printing at night.

»» Important

- The administrator password may be required to change the settings.

Follow the procedure below to perform setting.


1. [Check that printer is turned on.](#)
2. Select  (Setup) on HOME screen.
 - ➔ [LCD and Operation Panel](#)
3. Select **Device settings**.
4. Select **Other device settings**.
5. Select **Quiet setting**.
6. Select to turn it ON/OFF.

When **Quiet setting** is turned on, it is possible to reduce the operating noise while printing is in progress.

»» Important

- When **Quiet setting** is turned on, the operating speed will be slower compared to when it is turned off.
- This function may not be so effective depending on the printer's setting. Furthermore, certain noise, such as when the printer is preparing for printing, is not reduced.

System information

To display this screen, select **System information** displayed after selecting  (Hint) on the HOME screen.

- **Current version**

Displays the current firmware version.

- **Printer name**

Displays the printer name currently specified.

- **Serial number**

Displays the printer serial number.

- **MAC address (Wi-Fi)**

Displays the MAC address for Wi-Fi.

- **Root cert. thumbprint (SHA-1)**

Shows the root certification thumbprint (SHA-1) of the printer.

- **Root certificate thumbprint: SHA-256**

Shows the root certification thumbprint (SHA-256) of the printer.

Basic Information

▶ Safety

- Safety Precautions
- Regulatory Information
- WEEE

▶ Handling Precautions

- Canceling Print Jobs
- Legal Restrictions on Printing
- Printer Handling Precautions
- Transporting Your Printer
- When Repairing, Lending, or Disposing of the Printer
- Keeping Print Quality High
- Carrying the Printer
- Traveling Abroad with the Printer
- Ink Tips

▶ Accessories

▶ Specifications

- Product Specifications
- Supported Paper Sizes and Weights
- Print Area
- Paper Load Limit

Safety

- ▶ **Safety Precautions**
- ▶ **Regulatory Information**
- ▶ **WEEE**

Safety Precautions

Safety Precautions

- This manual contains important notices and safety precautions about your printer.

Do not use the printer in ways other than described in the accompanying manuals, as this may result in fire, electric shock or other unexpected accidents.

Safety standard marks and declarations are only valid for the supported voltages and frequencies in the applicable countries or regions.

Warning

- Users with cardiac pacemakers:

This product emits a low-level magnetic flux. If you feel abnormalities, please move away from the product and consult your doctor.

- Do not use the printer in the following cases:

Stop use immediately, unplug the printer and call your local service representative to request repair.

- Metal objects or liquids are spilt inside the printer.
 - The printer emits smoke, strange odors, or makes unusual noises.
 - The power cord or plug overheat or are broken, bent or damaged in any way.
- Failure to adhere to the following may result in fire, electric shock, or injury:
 - Do not place product close to the flammable solvents such as alcohol or thinner.
 - Do not open or modify the printer.
 - Use the AC adapter (CANON, K30359) that came with the printer. Do not use it for other products.
 - Use only the power cord/cables that came with your printer. Do not use these cables with other devices.
 - Do not plug in to voltages or frequencies other than those specified.
 - Plug the power cord into the socket completely.
 - Do not plug in or unplug the power cord with wet hands.
 - Do not damage the power cord or other cables by twisting, bundling, tying, pulling or excessively bending them.
 - Do not place heavy objects on the power cord.
 - Do not connect multiple power cords to a single electrical outlet. Do not use multiple extension cords.
 - Do not leave the printer plugged in during lightning storms.
 - Always unplug the power cord and cables when cleaning. Do not use flammable sprays or liquids such as alcohol or thinners for cleaning.
 - Unplug the power cord once a month to check that it is not overheating, rusted, bent, scratched, split, or otherwise damaged.

Caution

- Do not put your hands inside the printer while printing.
- Do not touch the print head or other metal parts immediately after printing.
- Ink

- Keep ink out of reach of children.
 - If ink is accidentally licked or swallowed, rinse out your mouth and drink one or two glasses of water. 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.
-

General Notices

Choosing a Location

Refer to "[Specifications](#)" in the Online manual for details on operating environment.

- Do not install the printer in a location that is unstable or subject to excessive vibration.
- Do not install the printer in locations that get very hot (direct sunlight, or close to a heating source), very humid or dusty locations, or outdoors.
- Do not place the printer on a thick rug or carpet.

Power Supply

- Keep the area around the power outlet clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.

General Notices

- Do not place anything on top of the printer. Be especially careful to avoid metal objects such as paper clips and staples, and containers holding flammable liquids such as alcohol or thinner.
- Do not attempt to open, disassemble or modify the ink tanks. Ink may leak and damage your printer.
- Do not throw print heads or ink tanks in the fire.

AC Adapter

When you pack the AC adapter for travel or storage, never wrap the cord around the body of the AC adapter to prevent the cord from splitting or separating from the body of the AC adapter and causing a short circuit.

Regulatory Information

Users in the U.S.A.

FCC Notice (U.S.A. Only)

Model Number: K10628 (Contains FCC Approved WLAN Module K30387)

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines as this equipment has very low levels of RF energy. But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body.

Canon U.S.A., Inc.

One Canon Park

Melville, New York 11747

1-800-652-2666

Users in Europe

Product Information for the requirement of COMMISSION REGULATION (EU)

The power consumption in Off Mode or network standby and the transition time to Off or network standby are as follows:

<https://www.canon-europe.com/consumer/lot26/>

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

Only for the United Kingdom



These symbols indicate that this product is not to be disposed of with your household waste, according to the UK Waste Electrical and Electronic Equipment Regulations and the UK Batteries and Accumulators Regulations. If a chemical symbol is printed beneath the symbol shown above, in accordance with the UK Batteries and Accumulators Regulations, 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 UK Batteries and Accumulators Regulations. 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/sustainability/approach/.

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



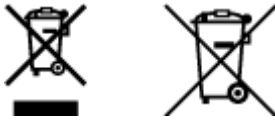
These symbols indicate that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU), the Battery Regulation ((EU) 2023/1542) and/or national legislations implementing those Directive and Regulation.

If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Regulation, this indicates that a heavy metal (Pb = Lead) is present in this battery at a concentration above an applicable threshold specified in the Battery Regulation.

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. 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/sustainability/approach/.

Nur für die 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), Batterieverordnung (EU) 2023/1542 und nationalen Gesetzen zur Umsetzung dieser Richtlinie und Verordnung nicht über den Hausmüll entsorgt werden darf.

Falls sich unter dem oben abgebildeten Symbol ein chemisches Symbol befindet, bedeutet dies gemäß der Batterieverordnung, dass in dieser Batterie ein Schwermetall (Pb = Blei) in einer Konzentration vorhanden ist, die über einem in der Verordnung 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 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/sustainability/approach/.

Zusatzinformationen für Deutschland:

Dieses Produkt kann durch Rückgabe an den Händler, unter den in der Verordnung des Elektro- und Elektronikgerätegesetzes beschriebenen Bedingungen abgegeben werden.

Als Endbenutzer und Besitzer von Elektro- oder Elektronikgeräten sind Sie verpflichtet:

- diese einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen,
- Altbatterien und Altakkumulatoren, die nicht von Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, vor der Abgabe an einer Erfassungsstelle vom Altgerät zerstörungsfrei zu trennen,
- personenbezogene Daten auf den Altgeräten vor der Entsorgung zu löschen.

Die Bedeutung des Symbols der durchgestrichenen Abfalltonne auf Rädern finden Sie oben in dieser Beschreibung.

Die Vertreter von Elektro- oder Elektronikgeräten haben die Pflicht zur unentgeltlichen Rücknahme von Altgeräten. Die Vertreter haben die Endnutzer über die von ihnen geschaffenen Möglichkeiten der Rückgabe von Altgeräten zu informieren.

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 législation européenne relative à l'élimination des piles usagés ((EU) 2023/1542) et les lois en vigueur dans votre pays appliquant ces directives et législations.

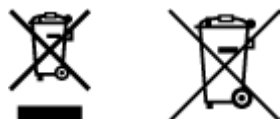
Si un symbole de toxicité chimique est imprimé sous le symbole illustré ci-dessus conformément à la législation relative aux piles, il indique la présence d'un métal lourd (Pb = plomb) dans la pile à une concentration supérieure au seuil applicable spécifié par la législation.

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) et piles. 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/sustainability/approach/.

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 wetgeving ((EU) 2023/1542) betreffende batterijen en/of de plaatselijk geldende wetgevingen waarin deze richtlijnen en wetgevingen zijn geïmplementeerd, niet bij het normale huisvuil mag worden weggegooid.

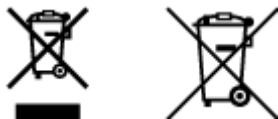
Indien onder het hierboven getoonde symbool een chemisch symbool gedrukt staat, geeft dit in overeenstemming met de wetgeving betreffende batterijen aan dat deze batterij een zwaar metaal bevat (Pb = lood) waarvan de concentratie de toepasselijke drempelwaarde in overeenstemming met de genoemde richtlijn 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. 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 weggoeien 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/sustainability/approach/

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 el Reglamento (UE) 2023/1542 relativo a las pilas y baterías y sus residuos y/o la legislación nacional que transponen e implementan dicha.

Si aparece un símbolo químico bajo este icono, de acuerdo con el Reglamento sobre Pilas y baterías, significa que la pila contiene metales pesados (Pb = Plomo) en una concentración superior al límite especificado en dicho Reglamento.

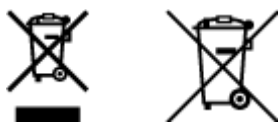
Este producto deberá entregarse en un punto de recogida designado, por ejemplo, entregándolo en el lugar de venta al adquirir un producto nuevo similar o en un centro autorizado para la recogida de residuos de aparatos eléctricos y electrónicos (RAEE) y baterías. La gestión incorrecta de este tipo de 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 o baterías usadas sin coste alguno. El precio de venta de pilas y baterías incluye el coste de la gestión medioambiental de su desecho, no reflejándose la cuantía de dicho coste en 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/sustainability/approach/.

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), del Regolamento sulla Batterie ((UE) 2023/1542) e/o delle leggi nazionali che attuano tale Direttiva e Regolamento.

Se sotto il simbolo indicato sopra è riportato un simbolo chimico, in osservanza del Regolamento sulle Batterie, tale simbolo indica la presenza di un metallo pesante (Pb = Piombo) nella batteria con un livello di concentrazione superiore a una soglia applicabile specificata nel Regolamento 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. 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.

Per ulteriori informazioni sul riciclaggio di questo prodotto, vogliate contattare il vostro ufficio comunale, le autorità competenti, un sistema di raccolta rifiuti autorizzato, o il vostro servizio di raccolta dei rifiuti domestici, oppure visitare il sito

www.canon-europe.com/sustainability/approach/.

Apenas para a União Europeia e Espaço Económico Europeu (Noruega, Islândia e Liechtenstein)



Estes símbolos indicam que este produto não deve ser descartado juntamente com os resíduos urbanos, segundo a Diretiva REEE - Diretiva 2012/19/UE, segundo o Regulamento Baterias - Regulamento (UE) 2023/1542 e/ou a legislação nacional que transpõe esta Diretiva e Regulamento.

Caso esteja marcado um símbolo químico abaixo do símbolo mostrado acima, de acordo com o Regulamento Baterias, isso significa que está presente nesta bateria um metal pesado (Pb = Chumbo) numa concentração acima do respetivo limite especificado no Regulamento.

Este produto deve ser entregue num ponto de recolha designado, por exemplo num local de receção autorizado quando compra um equipamento novo idêntico, ou num local de recolha autorizado para reciclar resíduos de equipamento elétrico e eletrónico (EEE) e de 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 geralmente associadas aos EEE.

A sua cooperação no descarte adequado deste produto irá contribuir para a utilização mais eficaz dos recursos naturais.

Para saber mais sobre como reciclar este produto, por favor contacte a divisão de resíduos dos serviços municipais ou entidades gestoras autorizadas para a gestão destes fluxos de resíduos ou visite www.canon-europe.com/sustainability/approach/.

Gælder kun i Europæiske Union og EØS (Norge, Island og Liechtenstein)



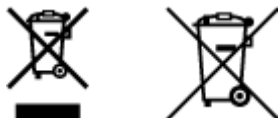
Disse symboler betyder, at produktet ikke må bortskaffes sammen med dagrenovation i henhold til WEEE-direktivet (2012/19/EU), batteriforordningen ((EU) 2023/1542) og/eller de lokale lovgivninger, som disse direktiver og forordninger er gennemført i.

Hvis der i overensstemmelse med batteriforordningen er trykt et kemisk symbol under det symbol, der er vist ovenfor, betyder det, at batteriet indeholder tungmetal (Pb = bly) i en koncentration, som ligger over de grænseværdier, der er beskrevet i batteriforordningen.

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 og batterier. 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/sustainability/approach/ for at få flere oplysninger om genbrug af dette produkt.

Μόνο για την Ευρωπαϊκή Ένωση και τον ΕΟΧ (Νορβηγία, Ισλανδία και Λιχτενστάιν)



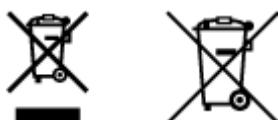
Αυτά τα σύμβολα υποδεικνύουν ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα οικιακά απορρίμματα, σύμφωνα με την Οδηγία για τα Απόβλητα Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΑΗΗΕ) (2012/19/ΕΕ), την τον Κανονισμό για τις Μπαταρίες ((ΕΕ) 2023/1542) ή/και τις εθνικές νομοθεσίες που εφαρμόζει τις εν λόγω Οδηγίες και Κανονισμούς.

Εάν κάποιο χημικό σύμβολο είναι τυπωμένο κάτω από το σύμβολο που φαίνεται παραπάνω, σύμφωνα με τον Κανονισμό για τις Μπαταρίες, υποδηλώνει ότι κάποιο βαρύ μέταλλο (Pb = Μόλυβδος) υπάρχει στην μπαταρία σε συγκέντρωση μεγαλύτερη από το ισχύον επίπεδο που καθορίζεται στον Κανονισμό για τις Μπαταρίες.

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 μπαταριών. 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 <https://www.canon-europe.com/sustainability/approach/>.

Gjelder kun den europeiske union og EØS (Norge, Island og Liechtenstein)



Disse symbolene indikerer at dette produktet ikke skal kastes sammen med husholdningsaffald, i henhold til WEEE-direktivet (2012/19/EU), batteri-forordning EU 2023/1542 og/eller nasjonal lov som har implementert disse direktivene og forordninger.

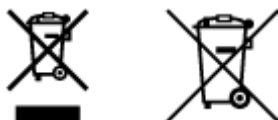
Hvis et kjemisk symbol vises under symbolet vist ovenfor, i samsvar med batteri-forordning EU 2023/1542, indikerer dette at et tungmetall (Pb = bly) finnes i batteriet i en konsentrasjon over en gjeldende øvre grense som er spesifisert i batteri-forordning EU 2023/1542.

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. 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/sustainability/approach/.

Vain Euroopan unionin sekä ETA:n (Norja, Islanti ja Liechtenstein) alueelle.

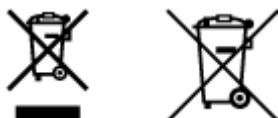


Nämä tunnukset osoittavat, että sähkö- ja elektroniikkalaiteromua koskeva direktiivi (SER-direktiivi, 2012/19/EU), paristoasetus ((EU) 2023/1542) sekä kansallinen lainsäädäntö kieltävät tuotteen hävittämisen talousjätteen mukana. Jos yllä olevan symbolin alapuolelle on paristoasetuksen mukaisesti painettu kemiallisen aineen tunnus, kyseinen paristo sisältää raskasmetalleja (Pb = lyijy) enemmän kuin paristoasetuksen salliman määrän.

Tuote on vietävä asianmukaiseen keräyspisteeseen, esimerkiksi kodinkoneliikkeeseen uutta vastaavaa tuotetta ostettaessa tai viralliseen sähkö- ja elektroniikkalaiteromun tai paristojen 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 jätehuolto-yhtiöön tai käy osoitteessa www.canon-europe.com/sustainability/approach/.

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), batteriförordningen ((EU) 2023/1542) och/eller nationell lagstiftning som implementerar dessa direktiv och förordningar.

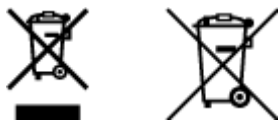
Om en kemisk symbol förekommer under ovanstående symbol innebär detta enligt batteriförordningen att en tungmetall (Pb = Bly) förekommer i batteriet med en koncentration som överstiger tillämplig gräns som anges i batteriförordningen.

Produkten ska lämnas in på en avsedd insamlingsplats, t.ex. på en återvinningsstation auktoriserad att hantera elektrisk och elektronisk utrustning (EE-utrustning) samt batterier 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/sustainability/approach/.

Pouze Evropská unie a EHP (Norsko, Island a Lichtenštejsko)



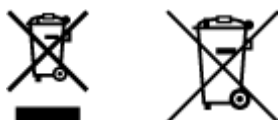
Tento symbol znamená, že podle směrnice OEEZ (2012/19/EU), nařízení o bateriích (2023/1542) a/nebo podle vnitrostátních právních prováděcích předpisů k této směrnici a nařízení nemá být tento výrobek likvidován s odpadem z domácností.

Je-li v souladu s požadavky nařízení o bateriích vytištěna pod výše uvedeným symbolem chemická značka, udává, že tato baterie obsahuje těžké kovy (Pb = olovo) v koncentraci vyšší, než je příslušná hodnota předepsaná nařízením.

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. 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/sustainability/approach/

Csak az Európai Unió és az EGT (Norvégia, Izland és Liechtenstein) országokban



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, valamint a hulladék elemekről szóló ((EU) 2023/1542) rendeletnek megfelelően és/vagy ezen irányelveknek megfelelő helyi előírások szerint történik.

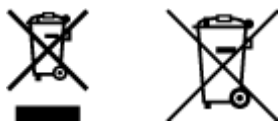
Amennyiben a fent feltüntetett szimbólum alatt egy vegyjel is szerepel, az elemekről szóló rendeletben foglaltak értelmében ez azt jelzi, hogy az elem a rendeletben meghatározott határértéknél nagyobb mennyiségben tartalmaz nehézfémeket (Pb = ólom).

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 gyűjtésére kijelölt hivatalos gyűjtőhelyre. Az ilyen jellegű hulladékok nem előírás szerinti 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/sustainability/approach/ 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), Rozporządzeniem Parlamentu Europejskiego i Rady 2023/1542 w sprawie baterii i/lub przepisami krajowymi wdrażającymi tę dyrektywę i rozporządzenie.

Jeśli pod powyższym symbolem znajduje się symbol chemiczny, zgodnie z Rozporządzeniem w sprawie baterii oznacza to, że bateria zawiera metal ciężki (Pb = ołów) w stężeniu przekraczającym odpowiedni poziom określony w Rozporządzeniu.

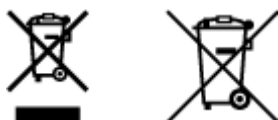
Użytkownicy baterii mają obowiązek korzystać z dostępnego programu zwrotu, recyklingu, odzysku i bezpiecznego unieszkodliwienia baterii, np. na zasadzie oddania „jeden za jeden” przy zakupie nowego, podobnego produktu.

Niewłaściwe postępowanie z tego typu odpadami może mieć wpływ na środowisko i zdrowie ludzi ze względu na substancje potencjalnie niebezpieczne, które są zazwyczaj związane ze zużytym sprzętem elektrycznym i elektronicznym.

Państwa współpraca w zakresie właściwego zagospodarowania 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/sustainability/approach/.

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, Nariadenia Európskeho parlamentu a Rady (EÚ) 2023/1542 o batériách a odpadových batériách, a podľa platnej legislatívy Slovenskej republiky implementujúcej túto smernicu a nariadenie sa tento výrobok nesmie likvidovať spolu s komunálnym odpadom.

Ak je v súlade s požiadavkami nariadenia chemická značka vytlačená pod vyššie uvedeným symbolom, znamená to, že táto batéria obsahuje ťažké kovy (Pb = olovo) v koncentrácii vyššej, ako je príslušná povolená hodnota stanovená v nariadení.

Výrobok je potrebné odovzdať do určeného zberného miesta, napr. prostredníctvom výmeny za kúpu nového podobného výrobku, alebo na autorizované zberné miesto, ktoré recykluje odpad z elektrických a elektronických zariadení (EEZ) a batérií. 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 výrobku prispějete k účinnému využívaniu prírodných zdrojov.

Ďalšie informácie o recyklácii tohto výrobku získate od miestneho/obecného úradu, okresného úradu odboru životného prostredia, zo schváleného systému nakladania s odpadmi alebo od spoločnosti, ktorá

zabezpečuje zber a likvidáciu komunálneho odpadu. Viac informácií nájdete aj na webovej stránke: www.canon-europe.com/sustainability/approach/.

Ainult Euroopa Liidu ja EMP (Norra, Island ja Liechtenstein) puhul.



Need sümbolid näitavad, et vastavalt elektroonikaromude direktiivile (2012/19/EL), patareide määrusele ((EL) 2023/1542) ja/või siseriiklikele õigusaktidele, millega neid direktiive ja määrusi rakendatakse, ei tohi seda toodet kõrvaldada koos olmejäätmetega.

Kui ülaltoodud sümboli alla on trükitud see keemiline sümbol, tähendab see vastavalt patareieeskirjale, et selles patareis ületab raskemetalli (Pb = plii) kontsentratsioon patareieeskirjas sätestatud kohaldatavat piirmäära.

See toode tuleb anda selleks ettenähtud kogumispunkti, nt üks ühele põhimõttel uue sarnase toote ostmisel või elektri- ja elektroonikaseadmete ning patareide ringlussevõtuks volitatud kogumispunkti. Seda tüüpi jäätmete ebaõige käitlemine võib potentsiaalselt ohtlike ainete tõttu, mis on üldiselt seotud elektri- ja elektroonikaseadmetega, mõjutada keskkonda ja inimeste tervist. Teie koostöö selle toote õigel kõrvaldamisel aitab kaasa loodusvarade tõhusale kasutamisele.

Lisateavet selle toote ringlussevõtu kohta saate oma kohalikult omavalitsuselt, jäätmekäitlusasutuselt, heakskiidetud süsteemilt või oma kodumajapidamisele jäätmekäitlusteenuse osutajalt või külastades veebilehte

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Attiecas tikai uz Eiropas Savienību un EEZ (Norvēģija, Islande un Lihtenšteina)



Šie simboli norāda, ka saskaņā ar EEIA direktīvu (2012/19/ES), Bateriju regulu ((ES) 2023/1542) un/vai valsts tiesību aktiem, ar kuriem īsteno šo direktīvu un regulu, šo izstrādājumu nedrīkst izmest kopā ar sadzīves atkritumiem.

Ja zem iepriekš norādītā simbola ir uzdrukāts ķīmiskais simbols saskaņā ar Bateriju regulu, tas norāda, ka šajā baterijā ir smags metāls (Pb = svins), kura koncentrācija pārsniedz piemērojamo robežvērtību, kas noteikta Bateriju regulā.

Šis izstrādājums ir jānodod noteiktā savākšanas vietā, piemēram, saskaņā ar apstiprinātu principu "viens par vienu", kad iegādājaties jaunu līdzīgu izstrādājumu, vai autorizētā elektrisko un elektronisko iekārtu (EEI) un bateriju atkritumu savākšanas vietā. Nepareiza rīcība ar šāda veida atkritumiem var ietekmēt vidi un cilvēku veselību, jo EEI parasti ir saistītas ar potenciāli bīstamām vielām. Jūsu sadarbība, pareizi utilizējot šo produktu, veicinās efektīvu dabas resursu izmantošanu.

Lai iegūtu vairāk informācijas par šī izstrādājuma pārstrādi, sazinieties ar vietējo pilsētas pārvaldi, atkritumu apsaimniekošanas iestādi, apstiprinātu shēmu vai sadzīves atkritumu apglabāšanas dienestu, vai apmeklējiet tīmekļa vietni:

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Tik Europos Sąjungoje ir EEE (Norvegijoje, Islandijoje ir Lichtenšteine)



Šie simboliai rodo, kad šio gaminio negalima išmesti kartu su buitineis atliekomis pagal EEJ atliekų direktyvą (2012/19/ES), baterijų reglamentą ((ES) 2023/1542) ir (arba) nacionalinius teisės aktus, kuriais įgyvendinama ši direktyva ir reglamentas.

Jei po pirmiau nurodytu simboliu išspausdintas cheminis simbolis pagal baterijų reglamentą, tai reiškia, kad šioje baterijoje yra sunkiųjų metalų (Pb = švino), kurių koncentracija viršija taikomą ribinę vertę, nurodytą baterijų reglamente.

Šį gaminį reikia atiduoti į paskirtą surinkimo punktą, pvz., vadovaujantis principu „vienas už vieną“, kai perkate naują panašų gaminį, arba į įgaliotą elektros ir elektroninės įrangos (EEI) ir baterijų atliekų surinkimo vietą. Netinkamas šios rūšies atliekų tvarkymas gali turėti įtakos aplinkai ir žmonių sveikatai dėl potencialiai pavojingų medžiagų, kurios paprastai būna susijusios su EEI. Bendradarbiaudami ir teisingai utilizuodami šį gaminį prisidėsite prie efektyvaus gamtos išteklių naudojimo.

Norėdami gauti daugiau informacijos apie šio gaminio perdirbimą, kreipkitės į vietinę miesto įstaigą, atliekų tvarkymo instituciją, patvirtintą programą ar buitinių atliekų šalinimo tarnybą arba apsilankykite adresu

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Samo za Evropsko unijo in EGP (Norveška, Islandija in Lihtenštajn)



Ti simboli pomenijo, da tega izdelka skladno z Direktivo OEEO (2012/19/EU), uredba (EU) 2023/1542 in/ali nacionalno zakonodajo, ki uvaja Direktivo in Uredbo, ne smete odlagati z nesortiranimi gospodinjiskimi odpadki.

Če je pod zgoraj prikazanim simbolom natisnjen kemijski simbol, to v skladu z Uredbo pomeni, da je v tej bateriji prisotna težka kovina (Pb = svinec), in sicer v koncentraciji, ki je nad relevantno mejno vrednostjo, določeno v Uredbi.

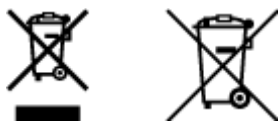
Ta izdelek je potrebno odnesti na izbrano zbirno mesto, t. j. pooblaščenemu trgovino, kjer ob nakupu novega (podobnega) izdelka vrnete starega, ali na pooblaščenemu zbirno mesto za ponovno uporabo odpadne električne in elektronske opreme (EEO) ter baterij. Neustrezno ravnanje s to vrsto odpadkov lahko 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 smotrni 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/sustainability/approach/.

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), Регламент за батериите ((ЕС) 2023/1542) и/или Вашето национално законодателство, прилагащо тези Директиви.

Ако под показания горе символ е отпечатан символ за химически елемент, съгласно разпоредбите на Регламент за батерии, този втори символ означава наличието на тежък метал (Pb = олово) в батерията в концентрация над указаната граница за съответния елемент в Регламент.

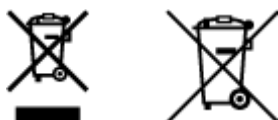
Този продукт трябва да бъде предаден в предназначен за целта пункт за събиране, например на база размяна, когато купувате нов подобен продукт, или в одобрен събирателен пункт за рециклиране на излязло от употреба електрическо и електронно оборудване (ИУЕЕО), батерии. Неправилното третиране на този тип 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 този продукт, моля свържете се с местните власти, с органа, отговорен за отпадъците, с одобрената система за ИУЕЕО, с Вашата местна служба за битови отпадъци или посетете.

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Doar pentru Uniunea Europeană și EEA (Norvegia, Islanda și Liechtenstein)



Ацесте символурн индикă фактурн чă ацест продус ну требуе арунчат ъмпреунă ку деџеурн менажере, ън конформитате ку Директива ДЕЕЕ (2012/19/УЕ), Регламентул ((УЕ) 2023/1542) џи/сау легнле днс. наџionale се имплементеазă ацестă Директивă џи Регламент.

Дакă ун символ химич естепрнмат суб символул де маи ус, ън конформитате ку Регламентул реферитор ла батерн, ацест символ индикă преженă ън батерне а унуи метал greu (Pb = Плумб) ънтр-о концентраџне маи маре декăт прагул адмис специфкат ън Регламентул реферитор ла батерн.

Ацест продус требуе ънмăнат пунктулун де колектаре адекват, ех: прнтр-ун schimb авторизат уну ла уну атунци чăнд купăраџи ун продус нуу снмилар сау ла ун лок де колектаре авторизат прнтру рециклареа резидуурнл де ечнпамет електрич џи електронич (ЕЕЕ) џи батерн. Адмнстрареа неадекватă а ацестуи тип де деџеурн, ар putea avea ун impact асуфра медиулун џи асуфра сăнăтăџнн умане даторнă субстанџелл ку потенџнал де рнск care сунт ън генерал асоциате ку ЕЕЕ.

Кооперареа днс. ън дирекџна рециклăрнн коректе а ацестуи продус ва конурбуи ла о улнзаре ефнцентă а ресурселл натурале.

Прнтру маи multe информăџнн despre рециклареа ацестуи продус, вă ругăм сă конурктаџи бирул днс. локал, авторнăџнле респонсabile ку деџеурнле, схема апробатă сау сервнчул днс. респонсabil ку деџеурнле

menajere sau vizitați-ne la.

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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), Uredbom o baterijama ((EU) 2023/1542) i/ili nacionalnim zakonodavstvom koje provodi te Direktive i Uredbe.

Ako je ispod prethodno prikazane oznake otisnut kemijski simbol, u skladu s Uredbom o baterijama, to znači da se u ovoj bateriji nalazi teški metal (Pb = olovo) i da je njegova koncentracija iznad razine propisane u Uredbi o baterijama.

Ovaj bi proizvod trebalo predati ovlaštenom skupljaču EE otpada ili prodavatelju koji je dužan preuzeti otpadni proizvod po sistemu jedan za jedan, ako isti odgovara vrsti te je obavljao primarne funkcije kao i isporučena EE oprema. Otpadne baterije predaju se ovlaštenom skupljaču otpadnih baterija 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

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Handling Precautions

- **Canceling Print Jobs**
- **Legal Restrictions on Printing**
- **Printer Handling Precautions**
- **Transporting Your Printer**
- **When Repairing, Lending, or Disposing of the Printer**
- **Keeping Print Quality High**
- **Carrying the Printer**
- **Traveling Abroad with the Printer**
- **Ink Tips**

Legal Restrictions on Printing

Printing or modifying printed copies of the following may be punishable under law.

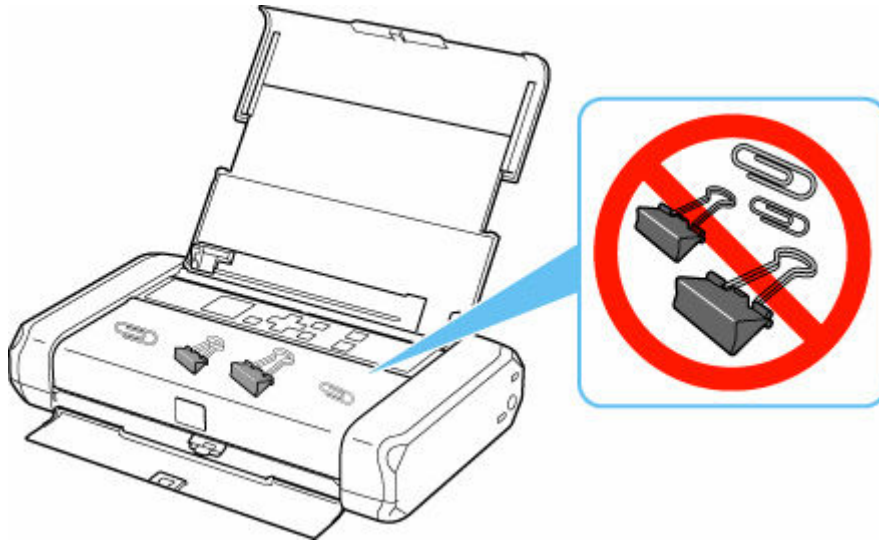
This list is non-exhaustive. When in doubt, check with a local legal representative.

- Paper money
- Money orders
- Certificates of deposit
- Postage stamps (canceled or uncanceled)
- Identification badges or insignia
- Selective service or draft papers
- Checks or drafts issued by governmental agencies
- Motor vehicle licenses and certificates of title
- Traveler's checks
- Food stamps
- Passports
- Immigration papers
- Internal revenue stamps (canceled or uncanceled)
- Bonds or other certificates of indebtedness
- Stock certificates
- Copyrighted works or works of art, without the owner's consent

Printer Handling Precautions

Do not place any object on the print head cover!

Do not place any object on the print head cover. It will fall into the rear tray when the print head cover is opened and cause the printer to malfunction. Also, place the printer where objects will not fall on it.



Transporting Your Printer

When relocating the printer for changing your living place or repairing it, make sure of the following.

▶▶▶ Important

- Pack the printer in a sturdy box, using sufficient protective material to ensure safe transport.
- With the print head and ink tank left installed in the printer, press the **ON** button to turn off the power. This allows the printer to automatically cap the print head, thus preventing it from drying.
- When packing the printer in a sturdy box, do not place it with its front face (paper output slot side) facing down.



- When a shipping agent is handling transport of the printer, have its box marked "PRECISION MACHINE".

1. Turn the printer off.
2. Check that **ON** lamp is off and [unplug power cord](#).

▶▶▶ Important

- Do not unplug the printer while the **ON** lamp is lit or flashing, as it may cause malfunction or damage to the printer, making the printer unable to print.

3. Retract the paper support, then close the rear tray cover and paper output slot cover.
4. Unplug the printer cable from the computer and from the printer, then unplug the AC adapter from the printer.

When the battery is not used for a long period of time (6 months or longer), remove the battery from the printer. For details on how to remove the battery, refer to Using the Battery.

5. Use adhesive tape to secure all the covers on the printer to keep them from opening during transportation. Then pack the printer in the plastic bag.
6. Attach the protective material to the printer when packing the printer in the box.

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.

To keep your personal information safe, please be sure to reset all printer settings when sending the printer for repair, lending or transferring the printer to another person, or disposing of the printer.

➔ [Reset settings](#)

Keeping Print Quality High

The key to printing with the optimal printing quality is to prevent the print head from drying or clogging. Always observe the following rules for optimal printing quality.

▶▶▶ Note

- Depending on the type of paper, ink may blur if you trace the printed area with a highlight pen or paint-stick, or bleed if water or sweat comes in contact with the printed area.

Never unplug the power cord until the power is turned off!

If you press the **ON** button to turn off the power, the printer caps the print head (nozzles) automatically to prevent from drying. If you unplug the power cord from the wall outlet before the power is turned off completely, the print head will not be capped properly and this will cause drying or clogging.

➔ [Turning off the printer](#)

Print periodically!

Just as the tip of a felt pen becomes dry and unusable if it has not been used for a long time, even if it is capped, the print head too, may become dried or clogged if the printer has not been used for a long time. We recommend you to use the printer at least once a month.

Carrying the Printer

Exercise sufficient care when carrying the printer.

When you remove the power cord, carry the printer, or stand it up, check that the **ON** lamp is off.

»» Important

- If you repeatedly remove the power cord, carry the printer, or stand it up while the **ON** lamp is on or flashing, this may cause the ink to leak or the printer to break. (The same problem is caused even if you use the optional portable kit.) For details on turning off the printer, see [Turning off the printer](#).
- When carrying the printer, be careful not to shock the printer, to subject it to strong vibrations, to place it in the heat, or to put a heavy thing on it. This causes the printer to break or the ink to leak.

»» Note

- Pack the printer carefully when carrying. For details, see [Transporting Your Printer](#).
- X-ray and any other baggage inspection devices have no adverse effect on this printer.

Ink Tips

How is ink used for various purposes other than printing?

Ink may be used for purposes other than printing. Ink is not only used for printing, but also for cleaning the print head to maintain the optimal printing quality.

When you use the Canon printer for the first time after you install the bundled ink tanks, the printer consumes a small amount of ink in the amount to enable printing by filling the nozzles of the Print Head with ink. For this reason, the number of sheets that can be printed with the first ink tanks is fewer than the succeeding ink tanks.

The printer has the function to automatically clean the ink jet nozzles to prevent clogging. In the cleaning procedure, used ink for nozzle cleaning is limited to a small amount.

Does black-and-white printing use color ink?

Black-and-white printing may use ink other than black ink depending on the type of printing paper or the settings of the printer driver. So, color ink is consumed even when printing in black-and-white.

Specifications

- **Product Specifications**
- **Supported Paper Sizes and Weights**
- **Print Area**
- **Paper Load Limit**

Product Specifications

General Specifications

Interface	<p>USB Port: Hi-Speed USB * Type-C</p> <p>Network Port: Wi-Fi: IEEE802.11n / IEEE802.11g / IEEE802.11b / IEEE802.11a / IEEE802.11ac</p> <p>* A computer that complies with Hi-Speed USB standard is required. Since the Hi-Speed USB interface is fully upwardly compatible with USB 1.1, it can be used at USB 1.1.</p> <p>USB and the network can be used at the same time.</p>
Operating environment	<p>Temperature: 41 to 95 °F (5 to 35 °C)</p> <p>Humidity: 10 to 90 % RH (no condensation)</p> <p>* The performance of the printer may be reduced under certain temperature and humidity conditions.</p> <p>Recommended conditions:</p> <p>Temperature: 59 to 86 °F (15 to 30 °C)</p> <p>Humidity: 10 to 80 % RH (no condensation)</p> <p>* For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.</p>
Storage environment	<p>Temperature: 32 to 104 °F (0 to 40 °C)</p> <p>Humidity: 5 to 95 % RH (no condensation)</p>
Power supply	<p>AC 100-240 V, 50/60 Hz</p> <p>(The supplied power cord is only for the country or region you purchased.)</p>
Power consumption	<p>Printing: 8 W or less *1</p> <p>Standby (minimum): 1.1 W or less *1*2</p> <p>Standby (all ports connected): 1.6 W or less</p> <p>OFF: 0.15 W or less</p> <p>*1 USB connection to a PC</p> <p>*2 The wait time for standby cannot be changed.</p>
External dimensions (W x D x H)	<p>Approx. 12.7 x 7.3 x 2.6 in. (Approx. 322 x 185 x 66 mm)</p> <p>* With the trays retracted.</p>
Weight	<p>Approx. 4.5 lb (Approx. 2.1 kg)</p> <p>* With the Print Head and ink tanks installed.</p>

Network Specifications

Communication protocol	SNMP, HTTP, TCP/IP (IPv4/IPv6)
Wi-Fi	<p>Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b / IEEE802.11a / IEEE802.11ac</p> <p>Frequency bandwidth: 2.4 GHz / 5 GHz</p> <p>Channel: 2.4 GHz: 1-11 or 1-13 5 GHz: W52, W53, W56, W58</p> <p>* Frequency bandwidth and available channels differ depending on country or region.</p> <p>Communication distance: Indoors 164 feet/50 m</p> <p>* Effective range varies depending on the installation environment and location.</p> <p>Security: WPA-PSK (AES) WPA2-PSK (AES) WPA3-SAE (AES)</p> <p>Setup: WPS (Push button configuration/PIN code method) Easy wireless connect</p>

Minimum System Requirements

Conform to the operating system's requirements when higher than those given here.

Windows

Operating System	<p>Windows 11, Windows 10, Windows 8.1, Windows 7 SP1</p> <p>Note: Operation can only be guaranteed on a PC with pre-installed Windows 7 or later.</p> <p>.NET Framework is required.</p> <p>Printer driver, IJ Printer Assistant Tool, and Wi-Fi Connection Assistant support the following OS:</p> <p>Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022</p>
Hard Disk Space	<p>2.0 GB or more</p> <p>Note: For bundled software installation.</p> <p>The necessary amount of hard disk space may be changed without notice.</p>

macOS

Operating System	macOS Big Sur 11 - macOS Sonoma 14
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Hard Disk Space	1.0 GB or more Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
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Other Supported OS

iOS, Android, Chrome OS Some functions may not be available with the supported OS. Refer to the Canon web site for details.

Mobile Printing Capability

Apple AirPrint
PIXMA Cloud Link
Windows 10 Mobile Print
Mopria Print Service

- Internet connection or CD-ROM drive is required to install the software for Windows.
- macOS: For macOS, an internet connection is required during software installation.
- Internet connection is required to use all the user's guide.

Information in this manual is subject to change without notice.

Supported Paper Sizes and Weights

Page Sizes

You can use the following page sizes.

▶▶ Note

- Page sizes and media types the printer supports differ depending on the OS you are using.

Standard sizes:

- Letter
- Legal
- A5
- A4
- B5
- KG/4"x6"(10x15)
- 5"x7"(13x18cm)
- 7"x10"(18x25cm)
- 8"x10"(20x25cm)
- L(89x127mm)
- 2L(127x178mm)
- Square 3.5"
- Square 5"
- Hagaki
- Hagaki 2
- Envelope Com 10
- Envelope DL
- Nagagata 3
- Nagagata 4
- Yougata 4
- Yougata 6
- Card 2.17"x3.58"

Special sizes

- Minimum size: 2.17 x 3.50 in. (55.0 x 89.0 mm)
- Maximum size: 8.50 x 26.61 in. (215.9 x 676.0 mm)

Paper Weight

You can use paper in the following weight range.

- Plain paper: From 17 to 28 lb (64 to 105 g /m²)

Paper Load Limit

This section shows the paper load limits of the rear tray and the paper output tray.

➔ [Paper Load Limits of Rear Tray](#)

➔ [Limit of the Outputted Paper](#)

▶▶▶ Note

- Page sizes and media types differ depending on the country or region where the paper is sold. For details on page sizes and media types, access the Canon website.

Paper Load Limits of Rear Tray

Genuine Canon Paper

Paper for printing documents:

Media Name <Model No.>	Rear Tray
Canon Red Label Superior <WOP111>	Approx. 50 sheets
Canon Océ Office Colour Paper <SAT213> High Resolution Paper <HR-101N>* 1	Approx. 40 sheets

Paper for printing photos:

Media Name <Model No.>	Rear Tray
Glossy Photo Paper "Everyday Use" <GP-501/GP-508>* 2 Photo Paper Glossy <GP-701>* 2 Photo Paper Plus Glossy II <PP-201/PP-208/PP-301>* 2 Matte Photo Paper <MP-101>	10 sheets

Paper for making original goods:

Media Name <Model No.>	Rear Tray
Photo Stickers (16 stickers per sheet) <PS-108> Photo Stickers (Free Cutting) <PS-208> Photo Stickers (Variety Pack) <PS-808> Restickable Photo Paper <RP-101> Removable Photo Stickers <PS-308R> Magnetic Photo Paper <MG-101/PS-508> Double sided Matte Paper <MP-101D>	1 sheet

Paper other than Genuine Canon Paper

Common Name	Rear Tray
-------------	-----------

Plain Paper (including recycled paper)*1	Approx. 50 sheets
Envelopes	10 envelopes
Greeting Card	1 sheet

*1 Normal feeding at maximum capacity may not be possible with some types of paper, or under very high or low temperature or humidity. In this case, load half the amount of paper or less.

*2 Feeding from a loaded stack of paper may leave marks on the printed side or prevent efficient feeding. In this case, load one sheet at a time.

Limit of the Outputted Paper

Genuine Canon Paper

Paper for printing documents:

Media Name <Model No.>	Limit of the Outputted Paper
Canon Red Label Superior <WOP111> Canon Océ Office Colour Paper <SAT213> High Resolution Paper <HR-101N>	Approx. 10 sheets

Paper other than Genuine Canon Paper

Common Name	Limit of the Outputted Paper
Plain Paper (including recycled paper)	Approx. 10 sheets
Envelopes	5 sheets

When continuing printing with paper other than the above, we recommend removing already printed paper from the paper output slot cover to avoid smearing or discoloration.

Supported Media Types

For best results, choose paper designed for how you are printing. A variety of paper for documents as well as photos or illustrations is available from Canon. Use genuine Canon paper to print important photos, when possible.

➔ [Supported Paper Sizes and Weights](#)

➔ [Unsupported Media Types](#)

▶▶▶ Note

- Refer to [Handling Paper](#) before use.
- Page sizes and media types differ depending on the country or region where the paper is sold. For details on page sizes and media types, access the Canon website.
- Genuine Canon paper is not available in some countries or regions. Note that in the United States, Canon paper is not sold by model number. Instead, purchase paper by name.

Recommended Genuine Canon Paper According to Purpose

Paper for printing documents:

- Canon Red Label Superior <WOP111>
- Canon Océ Office Colour Paper <SAT213>
- High Resolution Paper <HR-101N>

Paper for printing photos:

- Glossy Photo Paper "Everyday Use" <GP-501/GP-508>
- Photo Paper Glossy <GP-701>
- Photo Paper Plus Glossy II <PP-201/PP-208/PP-301>
- Matte Photo Paper <MP-101>

Paper for making original goods:

- Photo Stickers (16 stickers per sheet) <PS-108>
- Photo Stickers (Free Cutting) <PS-208>
- Photo Stickers (Variety Pack) <PS-808>
- Restickable Photo Paper <RP-101>
- Removable Photo Stickers <PS-308R>
- Magnetic Photo Paper <MG-101/PS-508>
- Double sided Matte Paper <MP-101D>

Usable Media Types Other Than Genuine Canon paper

- Plain Paper (including recycled paper)
- Envelopes

- Greeting Card
- ➔ [Paper Load Limit](#)
- ➔ [Paper Settings on the Printer Driver and the Printer \(Media Type\) \(Windows\)](#)

Unsupported Media Types

Do not use the following types of paper. Using such paper will cause not only unsatisfactory results, but also the printer to jam or malfunction.

- Folded, curled, or wrinkled paper
- Damp paper
- Paper that is too thin (weighing less than 17 lb (64 g /m²))
- Paper that is too thick (plain paper weighing more than 28 lb (105 g /m²), except for Canon genuine paper)
- Paper with unstraightened edges like manually cut paper
- Picture postcards
- Postcards
- Envelopes with a double flap
- Envelopes with an embossed or treated surface
- Envelopes whose gummed flaps are already moistened and adhesive
- Any type of paper with holes
- Paper that is not rectangular
- Paper bound with staples or glue
- Paper with an adhesive surface on the back such as label seal
- Paper decorated with glitter, etc.

Handling Paper

- Be careful not to rub or scratch the surfaces of any types of paper when handling.
- Hold the paper as closely as possible to its edges and try not to touch the printing surface. The print quality may be degraded if the printing surface is smudged with sweat or oil that comes from your hands.
- Do not touch the printed surface until the ink is dried. Even when the ink is dried, be careful not to touch the printed surface as much as possible when handling. Due to the nature of the pigment ink, the ink on the printed surface may be removed when being rubbed or scratched.
- Take out only the necessary number of paper from the package, just before printing.
- To avoid curling, when you do not print, put unused paper back into the package and keep it on a level surface. And also, store it avoiding heat, humidity, and direct sunlight.

Printing

- **Printing Photos and Documents**
- **Printing Hagaki and Envelopes**
- **Other Various Printing Features**

Printing Photos and Documents

- **Printing from Computer**
- **Printing from Smartphone/Tablet**
- **Printing Using Operation Panel**
- **Using Cloud Service**

Printing from Computer

- **Printing from Application Software (Windows Printer Driver)**
- **Printing from Application Software (macOS AirPrint)**
- **Printing Using Canon Application Software**
- **Printing from Chromebook**

Printing from Application Software (Windows Printer Driver)

- **Basic Printing Setup** 📌 **Basic**
- **Main Controls (Basic Settings Tab)**
- **Set Media Type, Quality, etc. (Media/Quality Tab)**
- **Set the Layout of Printed Documents (Page Setup Tab)**
- **Overview of the Printer Driver**
- **Updating the Driver**

Basic Printing Setup

In the **Basic Settings** tab, you can print in various ways according to your purpose.

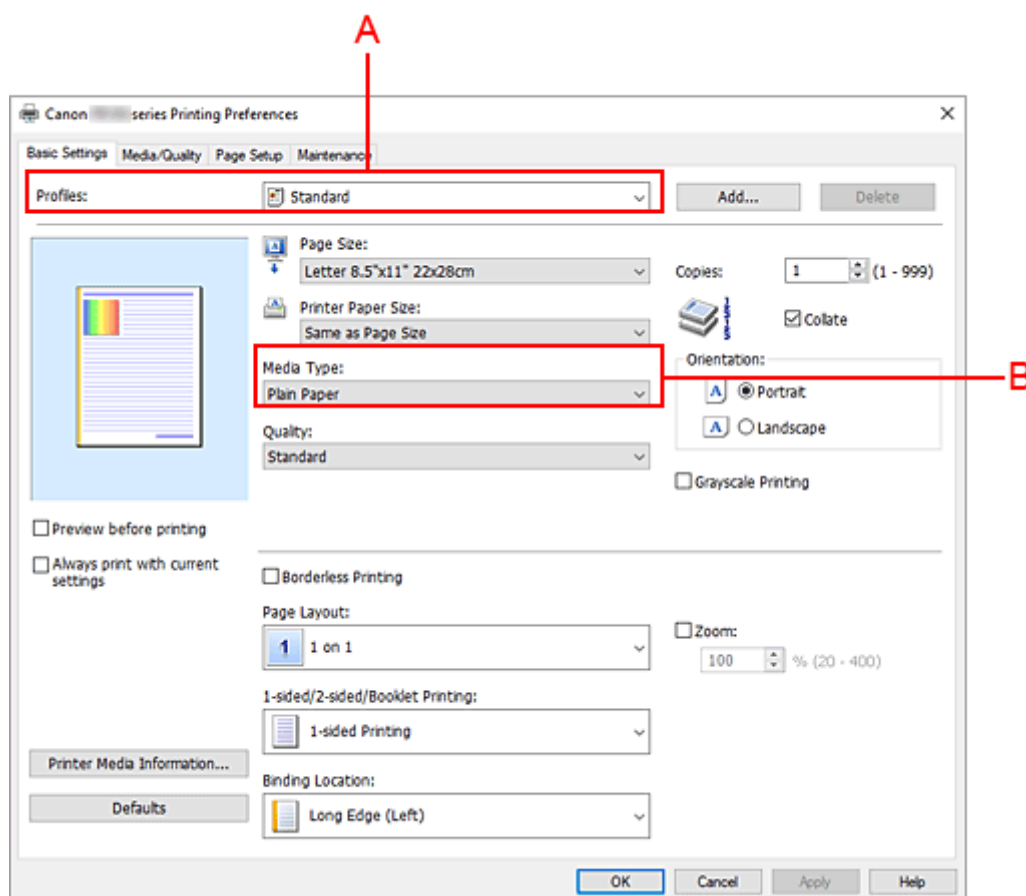
1. [Check that printer is turned on](#)
2. Open [printer driver's setup screen](#)
3. Select Profile (A)

Select the print settings according to your purpose in **Profiles** on the [Basic Settings tab](#).

If you select a print setting, **Paper Size** and **Media Type** will change automatically.

▶▶▶ Note

- When the paper size to be printed is selected from **Printer Paper Size**, the zoom level is automatically set according to the selected paper size.
To select a zoom level of your choice, add a checkmark to **Zoom** and enter a number.



4. Select Media Type (B) according to requirements
5. [Set Paper](#)
6. Click **OK**

»» Note

- For details about the paper information to be registered to the printer driver and on the printer, see the following:
 - [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
 - [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

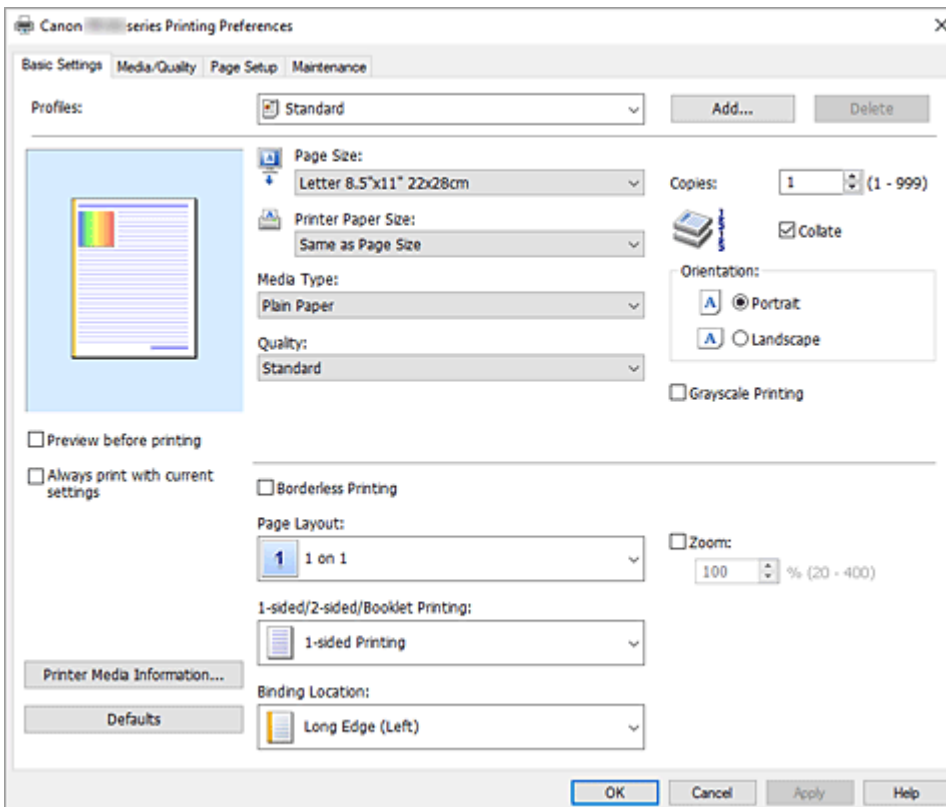
Main Controls (Basic Settings Tab)

- **Basic Settings Tab Description**
- **Paper Settings on the Printer Driver and the Printer (Media Type)**
- **Paper Settings on the Printer Driver and the Printer (Paper Size)**

Basic Settings Tab Description

The **Basic Settings** tab is for registering commonly used print settings. When you select a registered setting, the printer automatically switches to the preset items.

- [Profiles](#)
- [Settings Preview](#)
- [Preview before printing](#)
- [Always print with current settings](#)
- [Page Size](#)
- [Printer Paper Size](#)
- [Media Type](#)
- [Quality](#)
- [Copies](#)
- [Collate](#)
- [Orientation](#)
- [Grayscale Printing](#)
- [Borderless Printing](#)
- [Page Layout](#)
- [Zoom](#)
- [1-sided/2-sided/Booklet Printing](#)
- [Binding Location](#)



Profiles

The names and icons of frequently used printing profiles are registered. When you select a printing profile according to the purpose of the document, settings that match the purpose are applied.

You can also change a printing profile and register it under a new name. You can delete the registered printing profile.

Standard

These are the factory settings.

If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Photo Printing

If you select this setting when printing a photo, the photo paper and photo size generally used are set. The **Borderless Printing** check box is checked automatically.

If **Orientation** and **Copies** were set from the application software, those settings have priority.

Paper Saving

Select this setting to save paper when printing a general document. **Page Layout** is set to **2 on 1**, and **1-sided/2-sided/Booklet Printing** is set to **2-sided Printing (Manual)**.

If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Envelope

If you select this setting for printing an envelope, **Media Type** is set automatically to **Envelope**. In the **Envelope Size Setting** dialog box, select the size of the envelope to be used.

Greeting Card

When selected for printing a greeting card, the **Media Type** is automatically set to **Inkjet Greeting Card**. The **Quality** is also set to **High**, and a check-mark is added to **Borderless Printing**.

▶▶▶ Note

- You cannot change the order of print settings.

Add...

Displays the [Add to Profiles dialog box](#).

Click this button when you want to save the information that you set on the **Basic Settings**, **Media/Quality**, and **Page Setup** tabs to **Profiles**.

Delete

Deletes a registered printing profile.

Select the name of the setting to be deleted from **Profiles**, and click **Delete**. When a confirmation message is displayed, click **OK** to delete the specified printing profile.

▶▶▶ Note

- Printing profiles that are registered in the initial settings cannot be deleted.

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.

Preview before printing

Shows what the print result will look like before you actually print the data.

Check this check box to display a preview before printing.

Uncheck this check box if you do not want to display a preview.

Always print with current settings

Prints documents with the current settings starting from the next print execution.

When you select this function and then close the [printer driver setup window](#), the information that you set on the **Basic Settings**, **Media/Quality**, and **Page Setup** tabs are saved and printing with the same settings is possible starting from the next print execution.

»»» Important

- If you log on with a different user name, the settings that were set when this function was enabled are not reflected in the print settings.
- If a setting was specified on the application software, it has priority.

Page Size

Selects a page size.

Ensure that you select the same page size as you selected within the application.

If you select **Custom...**, the [Custom Paper Size dialog box](#) opens and allows you to specify any vertical and horizontal dimensions for the paper size.

Printer Paper Size

Selects the size of paper actually loaded into the printer.

Normally, it will appear as **Same as Page Size**, and the document is printed with no scaling.

If you select a paper size that is smaller than the **Page Size**, the document size will be reduced. If you select a paper size that is larger, the document size will be enlarged.

Also if you select **Custom...**, the [Custom Paper Size dialog box](#) opens and allows you to specify any vertical and horizontal dimensions for the paper size.

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.

Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

To set the print quality level individually, click the **Media/Quality** tab, and for **Quality**, select **Custom**. The **Set...** becomes enabled. Click **Set...** to open the [Custom dialog box](#), and then specify the desired settings.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Draft

This setting is appropriate for test printing.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

»»» 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.

Collate

Check this check box to group together the pages of each copy when you want to print multiple copies. Uncheck this check box when you want to print with all pages of the same page number grouped together.

▶▶▶ Important

- When the application software that you used to create the document has the same function, give priority to the printer driver settings. 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 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.

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.

You can change the rotation direction by going to the [Maintenance tab](#), opening the **Custom Settings** dialog box, and then using **Rotate 90 degrees left when orientation is [Landscape]** check box.

To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

Grayscale Printing

This function converts the data to monochrome data when printing your document.

Borderless Printing

Performs borderless printing without any margins on the paper.

With the borderless printing function, the document to be printed is enlarged, so that it extends slightly off the paper. In other words, the document is printed without any margin.

To adjust the amount that the document extends beyond the paper, click the **Page Setup** tab, add a checkmark to **Borderless Printing**, and enter the value in **Amount of Extension**.

Page Layout

Selects the size of the document you want to print and the type of printing.

1 on 1 to 16 on 1

Multiple pages of document can be printed on one sheet of paper.

To change the page order, click **Preferences...** In the [Page Layout Printing dialog box](#) that appears, specify **Page Order**.

Poster (1 x 2) to Poster (4 x 4)

This function enables you to enlarge the image data and divide the enlarged data into several pages to be printed. You can also glue together these sheets of paper to create large printed matter, such as a poster.

Preferences...

Opens the [Poster Printing dialog box](#).

Click this button to set details on poster printing.

Zoom

Specifies an enlargement or reduction ratio for the document you want to print.

1-sided/2-sided/Booklet Printing

1-sided Printing

Select when performing single-sided printing.

2-sided Printing (Manual)

Select when performing duplex printing.

Booklet Printing (Manual)

The booklet printing function allows you to print data for a booklet. Data is printed on both sides of the paper. This type of printing ensures that pages can be collated properly, in page number order, when the printed sheets are folded and stapled at the center.

Preferences...

Opens the [Booklet Printing dialog box](#).

Click this button to set details on booklet printing.

Binding Location

Selects the stapling margin position. The printer analyzes the **Orientation** and **Page Layout** settings, and automatically selects the best stapling margin position. Check **Binding Location**, and select from the list to change it.

To specify the width of the binding margin, set it from the **Page Setup** tab.

Printer Media Information...

Displays [Printer Media Information dialog box](#).

You can check the printer settings and apply the checked settings to the printer driver.

Defaults

Restores all the settings you have changed to their default values.

Click this button to return all settings on the **Basic Settings**, **Media/Quality**, and **Page Setup** tabs to their default values (factory settings).

Add to Profiles dialog box

This dialog box allows you to save the information that you set on the **Basic Settings**, **Media/Quality**, and **Page Setup** tabs and add the information to the **Profiles** list on the **Basic Settings** tab.

Name

Enter the name for the printing profile you wish to save.

Up to 255 characters can be entered.

The name appears, with its associated icon, in the **Profiles** list on the **Basic Settings** tab.

Options...

Opens the [Add to Profiles dialog box](#).

Changes the details of printing profile to be saved.

Add to Profiles dialog box

Select the icons of the printing profiles to be registered to **Profiles**, and change the items to be saved in the printing profiles.

Icon

Select the icon for the printing profile you wish to save.

The selected icon appears, with its name, in the **Profiles** list on the **Basic Settings** tab.

Save the paper size setting

Saves the paper size to the printing profile in **Profiles**.

To apply the saved paper size when the printing profile is selected, check this check box.

If this check box is unchecked, the paper size is not saved, and consequently the paper size setting is not applied when the printing profile is selected. Instead the printer prints with the paper size specified with the application software.

Save the orientation setting

Saves the **Orientation** to the printing profile in **Profiles**.

To apply the saved print orientation when the printing profile is selected, check this check box.

If this check box is unchecked, the print orientation is not saved, and consequently the **Orientation** setting is not applied when the printing profile is selected. Instead the printer prints with the print orientation specified with the application software.

Save the copies setting

Saves the **Copies** setting to the printing profile in **Profiles**.

To apply the saved copies setting when the printing profile is selected, check this check box.

If this check box is unchecked, the copies setting is not saved, and consequently the **Copies** setting is not applied when the printing profile is selected. Instead the printer prints with the copies setting specified with the application software.

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

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.

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. Check this check box to print the page border line.

Exclude single page documents from Page Layout Printing

If you add a checkmark, single-page documents are printed on a single sheet without performing Page Layout Printing.

Poster Printing dialog box

This dialog box allows you to select the size of the image to be printed. You can also make settings for cut lines and paste markers which are convenient for pasting together the pages into a poster.

The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Print "Cut/Paste" in margins

Specifies whether to print the words "Cut" and "Paste" in the margins. These words serve as guidelines for pasting together the pages into a poster. Check this check box to print the words.

▶▶▶ Note

- Depending on the environment of the printer driver you are using, this function may not be available.

Print "Cut/Paste" lines in margins

Specifies whether to print cut lines that serve as guidelines for pasting together the pages into a poster. Check this check box to print the cut lines.

Print page range

Specifies the printing range. Select **All** under normal circumstances.

Select **Pages** to specify a specific page or range.

▶▶▶ Note

- If some of the pages have not been printed well, specify the pages that do not need to be printed by clicking them in the settings preview of the **Page Setup** tab. Only the pages shown on the screen will be printed this time.

Booklet Printing dialog box

This dialog box allows you to set how to bind the document as a booklet. Printing only on one side and printing a page border, can also be set in this dialog box.

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 **Booklet Printing** dialog box.

You can check what the document will look like when printed as a booklet.

Margin for stapling

Specifies which side of the booklet is to be stapled.

Insert blank page

Selects whether to print the document on one side or both sides of the booklet.

Check this check box to print the document on one side of the booklet and select the side to be left blank from the list.

Margin

Specifies the width of the stapling margin.

The specified width becomes the stapling margin from the center of the sheet.

Page Border

Prints a page border line around each document page.

Check this check box to print the page border line.

Printer Media Information dialog box

This dialog box allows you to check the printer settings and apply the checked settings to the printer driver.

Paper Source

The paper source of the media is being displayed.

Media Type

Displays the **Media Type** that is currently set on the printer.

To apply the displayed setting to the printer driver, click **Set**.

Printer Paper Size

Displays the **Printer Paper Size** that is currently set on the printer.

To apply the displayed setting to the printer driver, click **Set**.

Paper Settings on the Printer Driver and the Printer (Media Type)

When you use this printer, selecting a media type and [paper size](#) that matches the print purpose will help you achieve the best print results.

Depending on the media type you are using, specify the media type settings on the printer driver or the printer's operation panel as described below.

Canon genuine papers (Document Printing)

Media name <Model No.>	Media Type in the printer driver	Paper information registered on the printer
Canon Red Label Superior <WOP111>	Plain Paper	Plain paper
Canon Océ Office Colour Paper <SAT213>	Plain Paper	Plain paper
High Resolution Paper <HR-101N>	High Resolution Paper	High-Res

Canon genuine papers (Photo Printing)

Media name <Model No.>	Media Type in the printer driver	Paper information registered on the printer
Photo Paper Plus Glossy II <PP-201/PP-208/PP-301>	Photo Paper Plus Glossy II	Plus Glossy II
Glossy Photo Paper "Everyday Use" <GP-501/GP-508>	Glossy Photo Paper	Glossy
Photo Paper Glossy <GP-701>	Glossy Photo Paper	Glossy
Matte Photo Paper <MP-101>	Matte Photo Paper	Matte

Canon genuine papers (Original Product)

Media name <Model No.>	Media Type in the printer driver	Paper information registered on the printer
Restickable Photo Paper <RP-101>	Glossy Photo Paper	Glossy
Removable Photo Stickers <PS-308R>	Glossy Photo Paper	Glossy
Magnetic Photo Paper <MG-101/PS-508>	Glossy Photo Paper	Glossy
Double sided Matte Paper <MP-101D>	Matte Photo Paper	Matte

Commercially available papers

Media name	Media Type in the printer driver	Paper information registered on the printer
Plain Paper (including recycled paper)	Plain Paper	Plain paper
Envelopes	Envelope	Envelope
Greeting Cards	Inkjet Greeting Card	Others

Paper Settings on the Printer Driver and the Printer (Paper Size)

When you use this printer, selecting a paper size that matches the print purpose will help you achieve the best print results.

You can use the following paper sizes on this printer.

Printer Paper Size in the printer driver	Paper information registered on the printer
Letter 8.5"x11" 22x28cm	Letter
Legal 8.5"x14" 22x36cm	Legal
A5	A5
A4	A4
B5	B5
4"x6" 10x15cm	4"x6"(10x15)
5"x7" 13x18cm	5"x7"(13x18)
7"x10" 18x25cm	7"x10"
8"x10" 20x25cm	8"x10"
L 89x127mm	L 89x127mm
2L 127x178mm	5"x7"(13x18)
Square 3.5"x3.5" 9x9cm	Square 3.5"
Square 5"x5" 13x13cm	Square 5"
Hagaki 100x148mm	Hagaki (size)
Hagaki 2 200x148mm	Hagaki 2
Envelope Com 10	Env. Com 10
Envelope DL	Envelope DL
Nagagata 3 4.72"x9.25"	Nagagata 3
Nagagata 4 3.54"x8.07"	Nagagata 4
Yougata 4 4.13"x9.25"	Yougata 4
Yougata 6 3.86"x7.48"	Yougata 6
Card 2.17"x3.58" 55x91mm	Card
Custom Size	Others

Printing on Postcards

1. [Load postcard](#) on the printer

2. Open the [printer driver setup window](#)

3. Select commonly used settings

Display the **Basic Settings** tab, and for **Profiles**, select **Standard**.

4. Select the paper size

For **Printer Paper Size**, select **Hagaki 100x148mm** or **Hagaki 2 200x148mm**.

▶▶▶ Important

- Return postcards can be used only when you print them from the computer.
- When printing a return postcard, always set the paper size to **Hagaki 2 200x148mm** from your application software or the printer driver.
- Do not fold the return postcard. If a crease is formed, the printer will not be able to feed the postcard properly, and this condition will cause line shifts or a paper jam.
- With return postcards, borderless printing cannot be used.

5. Select the media type

Select the Hagaki you want to use from **Hagaki** in **Media Type**.

▶▶▶ Important

- This printer cannot print on postcards that have photos or stickers attached.
- You will get cleaner printing if you print the message side first and then print the address side.
- The paper settings on the printer driver are different, depending on whether you are printing on the address side or the message side.

For details about the paper information to be registered to the printer driver and on the printer, see the following:

- [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
- [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

6. Set the print orientation

To print the address horizontally, set **Orientation** to **Landscape**.

7. Select the print quality

For **Quality**, select the quality according to your purpose.

8. Click **OK**

When you perform printing, the data will be printed onto the postcard.

Setting Up Envelope Printing

1. Set the paper thickness lever to the left, and [load envelope](#) on the printer

2. Open the [printer driver setup window](#)

3. Select the media type

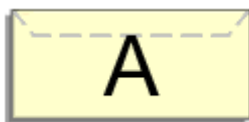
Select **Envelope** from **Profiles** on the **Basic Settings** tab.

4. Select the paper size

When the **Envelope Size Setting** dialog box is displayed, select the envelope size you want to use, and then click **OK**.

5. Set the orientation

To print the addressee horizontally, select **Landscape** for **Orientation**.



▶▶▶ Note

- If **Envelope Com 10**, **Envelope DL**, **Yougata 4 4.13"x9.25"**, or **Yougata 6 3.86"x7.48"** is selected for **Printer Paper Size**, the printer rotates the paper 90 degrees to the left to print, regardless of the **Rotate 90 degrees left when orientation is [Landscape]** setting for **Custom Settings** in the [Maintenance tab](#).

6. Select the print quality

For **Quality**, select the quality according to your purpose.

7. Click **OK**

When you perform print, the information is printed on the envelope.

▶▶▶ Important

- When you perform envelope printing, guide messages are displayed. To hide the guide messages, check the **Do not show this message again** check box. To show the guide again, click the **View Printer Status** button on the **Maintenance** tab, and start the Canon IJ Status Monitor. Then click **Envelope Printing** from **Display Guide Message** of the **Option** menu to enable the setting.

Registering a Frequently Used Printing Profile

You can register the frequently used printing profile to **Profiles** on the **Basic Settings** tab. Unnecessary printing profiles can be deleted at any time.

Registering a Printing Profile

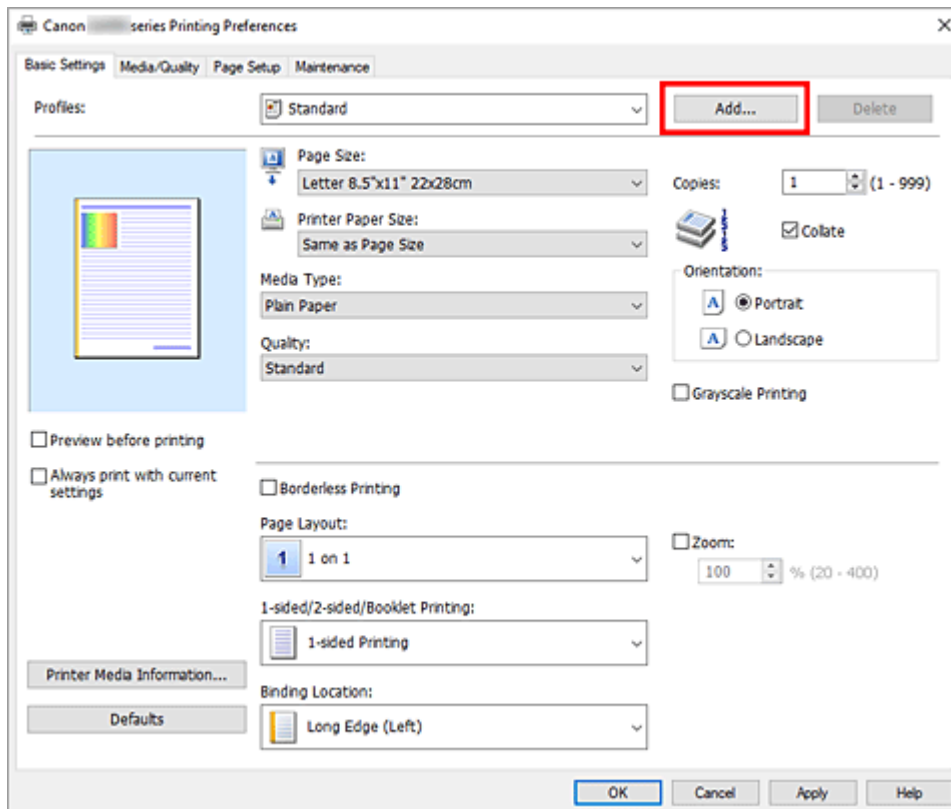
1. Open the printer driver setup window

2. Set the necessary items

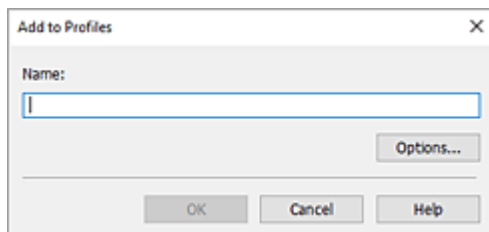
From **Profiles** on the **Basic Settings** tab, select the printing profile to be used and if necessary, change each of the settings.

You can also register necessary items on the **Media/Quality** and **Page Setup** tabs.

3. Click **Add...**



The **Add to Profiles** dialog box opens.



4. Save the settings

Enter a name for the print settings to register in the **Name** field. If necessary, click **Options...**, set the items, and then click **OK**.

In the **Add to Profiles** dialog box, click **OK** to save the print settings and return to the **Basic Settings** tab.

The name and icon are displayed in **Profiles**.

▶▶▶ Important

- To save the page size, orientation, and number of copies that was set in each sheet, click **Options...**, and check each item.

▶▶▶ Note

- When you re-install the printer driver or upgrade the printer driver version, the print settings that are already registered will be deleted from **Profiles**.
Registered print settings cannot be saved and preserved. If a profile is deleted, register the print settings again.

Deleting Unnecessary Printing Profile

1. Select the printing profile to be deleted

Select the printing profile you want to delete from the **Profiles** list on the **Basic Settings** tab.

2. Delete the printing profile

Click **Delete**. When the confirmation message appears, click **OK**.

The selected printing profile is deleted from the **Profiles** list.

▶▶▶ Note

- Printing profiles that are registered in the initial settings cannot be deleted.

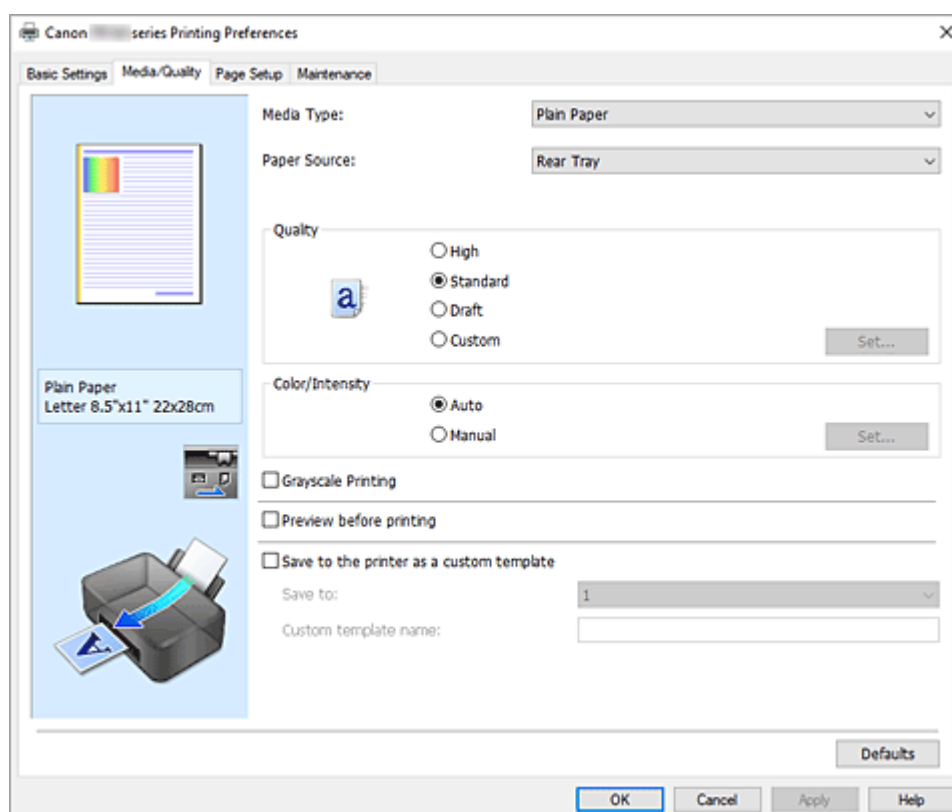
Set Media Type, Quality, etc. (Media/Quality Tab)

- ▶ **Media/Quality Tab Description**
- ▶ **Adjust Colors**
- ▶ **Specifying Color Correction**
 - Optimal Photo Printing of Image Data
 - Adjusting Colors with the Printer Driver
 - Printing with ICC Profiles

Media/Quality Tab Description

The **Media/Quality** tab allows you to create a basic print setup in accordance with the media type. You can also adjust the print quality and color tones.

- [Settings Preview](#)
- [Media Type](#)
- [Paper Source](#)
- [Quality](#)
- [Color/Intensity](#)
- [Grayscale Printing](#)
- [Preview before printing](#)



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.

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.

Paper Source

Shows the source from which paper is supplied.

Rear Tray

Paper is always supplied from the rear tray.

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 **Quality** is changed.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Draft

This setting is appropriate for test printing.

Custom

Select this to set the print quality level individually.

Set...

Select **Custom** in **Quality** to make it clickable.

Open the [Custom dialog box](#) to set individual print quality levels.

Color/Intensity

Selects color adjustment method.

Auto

Cyan, Magenta, Yellow, Brightness, Contrast, and so on are adjusted automatically.

Manual

Select when you set the individual settings such as **Cyan, Magenta, Yellow, Brightness, Contrast**, etc. and **Color Correction** method.

Set...

Select **Manual** for **Color/Intensity** to enable this button.

In the **Manual Color Adjustment** 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](#).

►►► Note

- If you want to use an ICC profile to adjust colors, use the **Manual Color Adjustment** dialog box to set the profile.

Grayscale Printing

This function converts the data to monochrome data when printing your document.

Check this check box to print a color document in monochrome.

Preview before printing

Shows what the print result will look like before you actually print the data.

Check this check box to display a preview before printing.

Save to the printer as a custom template

When printing, the print data of the custom template is saved to the printer.

Even if there is no computer, you can print the documents you need from the printer.

Save to

Select the save destination number of the custom template from 1 to 5.

Custom template name

Enter the custom template name that you want to save. Enter a template name that has up to 64 alphanumeric characters (0-9, a-z, A-Z).

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).

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 **Draft** 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 radio button is selected for **Quality** on the **Media/Quality** tab.

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.

►►► Note

- The graphic is in monochrome when the **Grayscale Printing** check box is checked.

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.

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. Moving the slider to the right brightens (dilutes) the colors, and moving the slider to the left darkens (intensifies) the colors. 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.

Matching Tab

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**, **ICM**, or **None** to match the purpose of the print operation.

Driver Matching

With Canon Digital Photo Color, you can print sRGB data with color tints that most people prefer.

ICM

Adjusts the colors by using an ICC profile when printing.

»» Important

- If the application software is set so that ICM is disabled, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.

None

Disables color adjustment with the printer driver. Select this value when you are specifying an individually created printing ICC profile in an application software to print data.

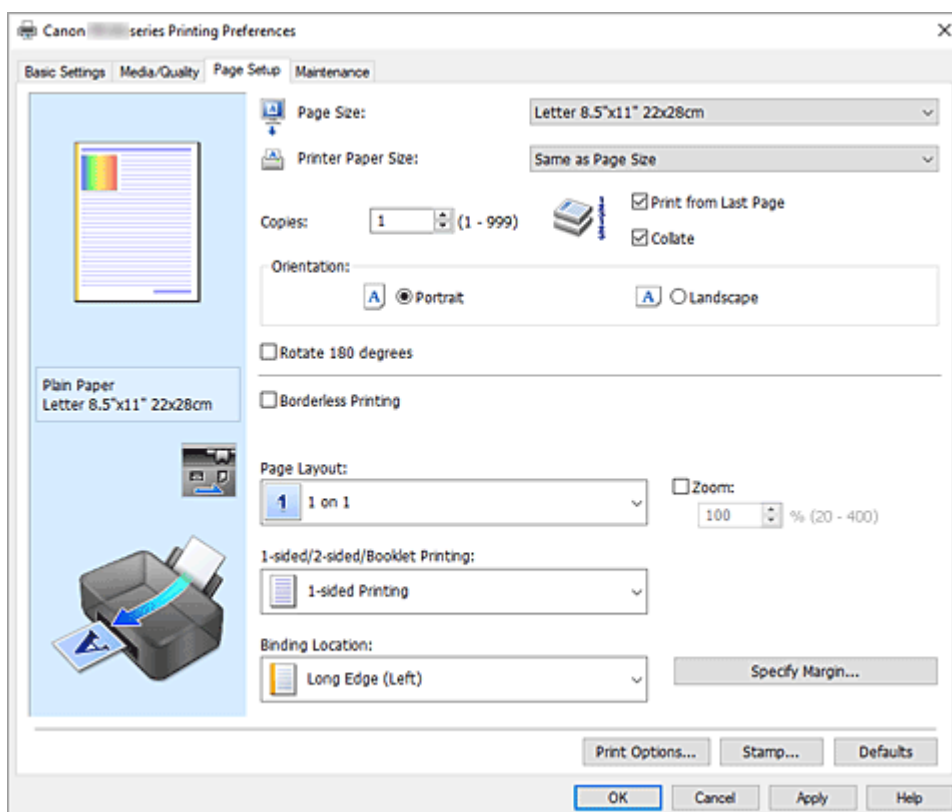
Set the Layout of Printed Documents (Page Setup Tab)

- **Page Setup Tab Description**
- **Setting the Number of Copies and Printing Order**
- **Perform Borderless Printing**

Page Setup Tab Description

The **Page Setup** tab allows you to determine how a document is to be arranged on the paper. Also, this tab allows you to set the number of copies and the order of printing. If the application which created the document has a similar function, set them with the application.

- [Settings Preview](#)
- [Page Size](#)
- [Printer Paper Size](#)
- [Copies](#)
- [Print from Last Page](#)
- [Collate](#)
- [Orientation](#)
- [Rotate 180 degrees](#)
- [Borderless Printing](#)
- [Page Layout](#)
- [Zoom](#)
- [1-sided/2-sided/Booklet Printing](#)
- [Binding Location](#)
- [Specify Margin](#)
- [Print Options](#)
- [Stamp](#)



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.

Page Size

Selects a page size.

Ensure that you select the same page size as you selected within the application.

If you select **Custom...**, the [Custom Paper Size dialog box](#) opens and allows you to specify any vertical and horizontal dimensions for the paper size.

Printer Paper Size

Selects the size of paper actually loaded into the printer.

The default setting is **Same as Page Size** to perform normal-sized printing.

If you select a paper size that is smaller than the **Page Size**, the document size will be reduced. If you select a paper size that is larger, the document size will be enlarged.

Also if you select **Custom...**, the [Custom Paper Size dialog box](#) opens and allows you to specify any vertical and horizontal dimensions for the paper size.

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.

Collate

Check this check box to group together the pages of each copy when you want to print multiple copies. Uncheck this check box when you want to print with all pages of the same page number grouped together.

»»» Important

- When the application software that you used to create the document has the same function, give priority to the printer driver settings. 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 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.

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.

You can change the rotation direction by going to the [Maintenance tab](#), opening the **Custom Settings** dialog box, and then using **Rotate 90 degrees left when orientation is [Landscape]** check box.

To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

Rotate 180 degrees

Prints the document by rotating it 180 degrees against the paper feed direction.

The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

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).

Use **Amount of Extension** to adjust how much of the document extends off the paper during borderless printing.

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.

Page Layout

Selects the size of the document you want to print and the type of printing.

1 on 1 to 16 on 1

Multiple pages of document can be printed on one sheet of paper. To change the page order, click **Preferences...** In the [Page Layout Printing dialog box](#) that appears, specify **Page Order**.

Poster (1 x 2) to Poster (4 x 4)

This function enables you to enlarge the image data and divide the enlarged data into several pages to be printed.

You can also glue together these sheets of paper to create large printed matter, such as a poster.

Preferences...

Opens the [Poster Printing dialog box](#).

Click this button to set details on poster printing.

Zoom

Specifies an enlargement or reduction ratio for the document you want to print.

1-sided/2-sided/Booklet Printing

1-sided Printing

Select when performing single-sided printing.

2-sided Printing (Manual)

Select when performing duplex printing.

Booklet Printing (Manual)

The booklet printing function allows you to print data for a booklet. Data is printed on both sides of the paper. This type of printing ensures that pages can be collated properly, in page number order, when the printed sheets are folded and stapled at the center.

Preferences...

[Opens the Booklet Printing dialog box](#). Click this button to set details on booklet printing.

Binding Location

Selects the stapling margin position.

The printer analyzes the **Orientation** and **Page Layout** settings, and automatically selects the best stapling margin position. Check **Binding Location**, and select from the list to change it.

Specify Margin...

[Opens the Specify Margin dialog box.](#) You can specify the width of the margin.

Print Options...

Opens the [Print Options dialog box](#).

Changes detailed printer driver settings for print data that is sent from applications.

Stamp...

Opens the [Stamp dialog box](#).

The **Stamp** function allows you to print a stamp text or a bitmap over or behind document data. It also allows you to print date, time and user name.

Depending on the environment, **Stamp** may not be available.

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).

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

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.

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.

Check this check box to print the page border line.

Exclude single page documents from Page Layout Printing

If you add a checkmark, single-page documents are printed on a single sheet without performing Page Layout Printing.

Poster Printing dialog box

This dialog box allows you to select the size of the image to be printed. You can also make settings for cut lines and paste markers which are convenient for pasting together the pages into a poster.

The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Print "Cut/Paste" in margins

Specifies whether to print the words "Cut" and "Paste" in the margins. These words serve as guidelines for pasting together the pages into a poster.

Check this check box to print the words.

▶▶▶ Note

- Depending on the environment of the printer driver you are using, this function may not be available.

Print "Cut/Paste" lines in margins

Specifies whether to print cut lines that serve as guidelines for pasting together the pages into a poster.

Check this check box to print the cut lines.

Print page range

Specifies the printing range. Select **All** under normal circumstances.

Select **Pages** to specify a specific page or range.

▶▶▶ Note

- If some of the pages have not been printed well, specify the pages that do not need to be printed by clicking them in the settings preview of the **Page Setup** tab. Only the pages shown on the screen will be printed this time.

Booklet Printing dialog box

This dialog box allows you to set how to bind the document as a booklet. Printing only on one side and printing a page border, can also be set in this dialog box.

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 **Booklet Printing** dialog box.

You can check what the document will look like when printed as a booklet.

Margin for stapling

Specifies which side of the booklet is to be stapled.

Insert blank page

Selects whether to print the document on one side or both sides of the booklet.

Check this check box to print the document on one side of the booklet and select the side to be left blank from the list.

Margin

Specifies the width of the stapling margin.

The specified width becomes the stapling margin from the center of the sheet.

Page Border

Prints a page border line around each document page.
Check this check box to print the page border line.

Specify Margin dialog box

This dialog box allows you to specify the margin width for the side to be stapled. If a document does not fit on one page, the document is reduced when printed.

Margin

Specifies the width of the stapling margin.
The width of the side specified by **Binding Location** becomes the stapling margin.

Print Options dialog box

Makes changes to print data that is sent to the printer.

Depending on the environment, this function may not be available.

Disable ICM required from the application software

Disables the ICM function required from the application software.
When an application software uses Windows ICM to print data, unexpected colors may be produced or the printing speed may decrease. If these problems occur, checking this check box may resolve the problems.

Important

- Uncheck this check box under normal circumstances.
- This function does not work when **ICM** is selected for **Color Correction** on the **Matching** tab of the **Manual Color Adjustment** dialog box.

Disable the color profile setting of the application software

Checking this check box disables information in the color profile that was set on the application software.
When the information in the color profile set on the application software is output to the printer driver, the print result may contain unexpected colors. If this happens, checking this check box may resolve the problem.

Important

- Uncheck this check box under normal circumstances.
- Even when this check box is checked, only some of the information in the color profile is disabled, and the color profile can still be used for printing.

Ungroup Papers

Sets the display method of **Media Type**, **Page Size**, and **Printer Paper Size**.
To display the items separately, select the check box.
To display the items as a group, clear the check box.

Do not allow application software to compress print data

Compression of the application software print data is prohibited.
If the print result has missing image data or unintended colors, selecting this check box may improve the condition.

»»» Important

- Uncheck this check box under normal circumstances.

Print after creating print data by page

The print data is created in page units, and printing starts after the processing of one page of print data is complete.

If a printed document contains unintended results such as streaks, selecting this check box may improve the results.

»»» Important

- Uncheck this check box under normal circumstances.

Prevention of Print Data Loss

You can reduce the size of the print data that was created with the application software and then print the data.

Depending on the application software being used, the image data may be cut off or may not be printed properly. In such cases, select **On**. If you will not be using this function, select **Off**.

»»» Important

- When using this function, the print quality may drop depending on the print data.

Unit of Print Data Processing

Selects the processing unit of the print data to be sent to the printer.

Select **Recommended** under normal circumstances.

»»» Important

- A large amount of memory may be used for certain settings.
Do not change the setting if your computer has a small amount of memory.

Stamp dialog box

Depending on the environment, **Stamp** may not be available.

The **Stamp** dialog box allows you to print a stamp over or behind the document pages. In addition to the pre-registered ones, you can register and use your original stamp.

Stamp

Stamp printing is a function that prints a stamp over a document.

Check this check box and select a title from the list to print a stamp.

Define Stamp...

Opens the [Stamp Settings dialog box](#).

You can check the details of a selected stamp or save a new stamp.

Place stamp over text

Sets how the stamp is to be printed over the document.

Check the **Stamp** check box to enable this.

Check this check box to print a stamp over the printed document page. The printed data may be hidden behind the stamp.

Uncheck this check box to print the document data over the stamp. The printed data will not be hidden behind the stamp. However, the sections of the stamp that are overlapped by the document may be hidden.

Stamp first page only

Selects whether the stamp is to be printed on the first page only or on all pages when the document has two or more pages.

Check the **Stamp** check box to enable this.

Check this check box to print a stamp on the first page only.

Stamp Tab

The Stamp tab allows you to set the text and bitmap file (.bmp) to be used for a stamp.

Preview Window

Shows the status of the stamp configured in each tab.

Stamp Type

Specifies the stamp type.

Select **Text** to create a stamp with characters. Select **Bitmap** to create with a bitmap file. Select **Date/Time/User Name** to display the creation date/time and user name of the printed document.

The setting items in the **Stamp** tab change depending on the selected type.

- For **Text** registration, the characters must already be entered in **Stamp Text**. If necessary, change the **TrueType Font**, **Style**, **Size**, and **Outline** settings. You can select the color of the stamp by clicking **Select Color...**
- For **Bitmap**, click **Select File...** and select the bitmap file (.bmp) to be used. If necessary, change the settings of the **Size** and **Transparent white area**.
- For **Date/Time/User Name**, the creation date/time and user name of the printed object are displayed in **Stamp Text**. If necessary, change the settings of **TrueType Font**, **Style**, **Size**, and **Outline**. You can select the color of the stamp by clicking **Select Color...**

When Stamp Type is Text or Date/Time/User Name

Stamp Text

Specifies the stamp text string.

Up to 64 characters can be entered.

For **Date/Time/User Name**, the creation date/time and user name of the printed object are displayed in **Stamp Text**.

TrueType 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.

Outline

Selects a frame that encloses the stamp text string.

If a large font size is selected for **Size**, characters may extend outside of the stamp border.

Color/Select Color...

Shows the current color for the stamp.

To select a different color, click **Select Color...** to open the **Color** dialog box, and select or create a color you wish to use as a stamp.

When Stamp Type is Bitmap

File

Specifies the name of the bitmap file to be used as the stamp.

Select File...

Opens the dialog box to open a file.

Click this button to select a bitmap file to be used as a stamp.

Size

Adjusts the size of the bitmap file to be used as a stamp.

Moving the slider to the right increases the size, moving the slider to the left decreases the size.

Transparent white area

Specifies whether to make white-filled areas of the bitmap transparent.

Check this check box to make white-filled areas of the bitmap transparent.

»» Note

- Click **Defaults** to set **Stamp Type** to text, **Stamp Text** to blank, **TrueType Font** to Arial, **Style** to Regular, **Size** to 36 points, **Outline** unchecked, and **Color** to gray with the RGB values (192, 192, 192).

Placement Tab

The Placement tab allows you to set the position where the stamp is to be printed.

Preview Window

Shows the status of the stamp configured in each tab.

Position

Specifies the stamp position on the page.

Selecting **Custom** from the list allows you to enter values for the **X-Position** and **Y-Position** coordinates directly.

You can also change the stamp position by dragging the stamp in the preview window.

Rotation

Specifies the angle of rotation for the stamp. The angle can be set by entering the number of degrees.

Negative values rotate the stamp clockwise.

»» Note

- **Rotation** is enabled only when **Text** or **Date/Time/User Name** is selected for **Stamp Type** on the **Stamp** tab.

»» Note

- Click **Defaults** to set the stamp position to **Center** and the rotation to "0."

Save settings Tab

The **Save settings** tab allows you to register a new stamp or delete an unnecessary stamp.

Title

Enter the title to save the stamp you created.

Up to 64 characters can be entered.

▶▶▶ Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

Stamps

Shows a list of saved stamp titles.

Specify a title to display the corresponding stamp in **Title**.

Save/Save overwrite

Saves the stamp.

Enter a title in **Title**, and then click this button.

Delete

Deletes an unnecessary stamp.

Specify the title of an unnecessary stamp from the **Stamps** list, and click this button.

Setting the Number of Copies and Printing Order

You can also set the number of copies on the **Basic Settings** tab.

1. Open the printer driver setup window

2. Specify the number of copies to be printed

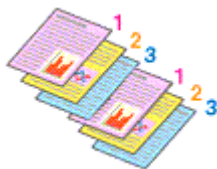
For **Copies** on the **Page Setup** tab, specify the number of copies to be printed.

3. Specify the print order

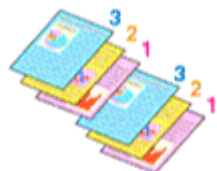
Check the **Print from Last Page** check box when you want to print from the last page in order, and uncheck the check box when you want to print from the first page.

Check the **Collate** check box when you are printing multiple copies of a document and want to print out all pages in each copy together. Uncheck this check box when you want to print all pages with the same page number together.

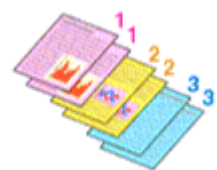
• **Print from Last Page:** / **Collate:**



• **Print from Last Page:** / **Collate:**



• **Print from Last Page:** / **Collate:**



• **Print from Last Page:** / **Collate:**



4. Click **OK**

When you perform print, the specified number of copies will be printed with the specified printing order.

»» Important

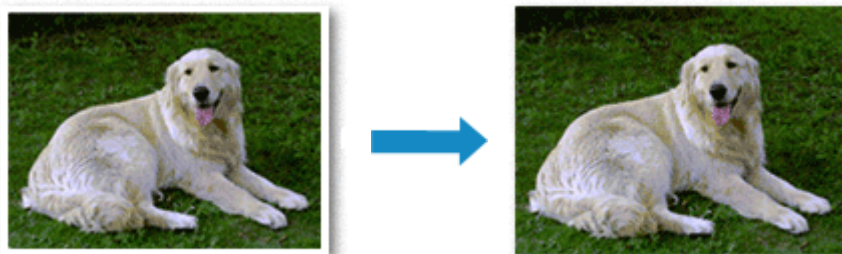
- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order 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.

»» Note

- By setting both **Print from Last Page** and **Collate**, you can perform printing so that papers are collated one by one starting from the last page.

Perform Borderless Printing

The borderless printing function allows you to print data without any margin by enlarging the data so that it extends slightly off the paper. In standard printing, margins are created around the document area. However, in borderless printing function, these margins are not created. When you want to print data such as a photo without providing any margin around it, set borderless printing.



You can also set borderless printing on the **Basic Settings** Tab.

▶▶ Note

- You can also set **Amount of extension** on the operation panel of the printer, but the settings on the printer driver will be prioritized.

Setting Borderless Printing

1. Open the [printer driver setup window](#)

2. Set borderless printing

Add a checkmark to **Borderless Printing** on the **Page Setup** tab.

Click **OK** when the confirmation message appears.

When a message prompting you to change the media type appears, select a media type from the list and click **OK**.

3. Check the paper size

Check the **Page Size** list. When you want to change it, select another page size from the list. The list displays only sizes that can be used for borderless printing.

4. Adjust the amount of extension from the paper

If necessary, adjust the amount of extension using the **Amount of Extension** slider.

Moving the slider to the right increases the amount extending off the paper, and moving the slider to the left decreases the amount.

It is recommended to set the slider at the second position from the right for most cases.



»» Important

- When the **Amount of Extension** slider is set to the rightmost position, the back side of the paper may become smudged.

5. Click **OK**

When you perform print, the data is printed without any margins on the paper.

»» Important

- When a page size that cannot be used for borderless printing is selected, the size is automatically changed to the valid page sizes for borderless printing.
- Depending on the type of the media used during borderless printing, the print quality may deteriorate at the top and bottom of the sheet or stains may form.
- When the ratio of the height to the width differs from the image data, a portion of the image may not be printed depending on the size of the media used.
In this case, crop the image data with an application software according to the paper size.

»» Note

- When **Plain Paper** is selected for **Media Type** on the **Media/Quality** tab, borderless printing is not recommended. Therefore, the message for media selection appears.
When you are using plain paper for test printing, select **Plain Paper**, and click **OK**.

Expanding the Range of the Document to Print

Setting a large amount of extension allows you to perform borderless printing with no problems. However, the portion of the document extending off the paper range will not be printed and for this reason, the subjects around the perimeter of a photo may not be printed.

When you are not satisfied with the result of borderless printing, reduce the amount of extension. The extension amount decreases as the **Amount of Extension** slider is moved to the left.

»» Important

- When the amount of extension is decreased, an unexpected margin may be produced on the print, depending on the size of the paper.

»» Note

- When the **Amount of Extension** slider is set to the leftmost position, image data will be printed in the full size. If you set this when printing the address side of a postcard, the postal code of the sender is printed in the correct position.
- When **Preview before printing** is checked on the **Media/Quality** tab, you can confirm whether there will be no margin before printing.

Page Layout Printing

The page layout printing function allows you to print more than one page image on a single sheet of paper.



1. Open the printer driver setup window

2. Set page layout printing

Select a page layout number from **1 on 1** to **16 on 1** from the **Page Layout** list on the **Page Setup** tab. The current settings are displayed in the settings preview on the left side of the printer driver.

3. Select the print paper size

Select the size of the paper loaded in the printer from the **Printer Paper Size** list.

4. Set the number of pages to be printed on one sheet and the page order

If necessary, click **Preferences...**, 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, check this check box.

Exclude single page documents from Page Layout Printing

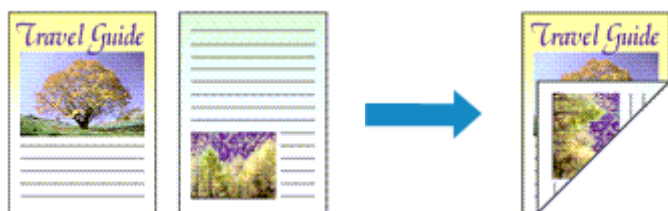
If you add a checkmark, single-page documents are printed on a single sheet without performing Page Layout Printing.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you perform print, the specified number of pages will be arranged on each sheet of paper in the specified order.

Duplex Printing



You can also set duplex printing in the **Basic Settings** tab.

1. Open the [printer driver setup window](#)

2. Set duplex printing

Select **2-sided Printing (Manual)** from **1-sided/2-sided/Booklet Printing** on the **Page Setup** tab.

3. Select the layout

Select the layout you want to use from the **Page Layout** list.

4. Specify the side to be stapled

The best **Binding Location** is selected automatically from the **Orientation** and **Page Layout** settings. To change the setting, select another stapling side from the **Binding Location** list.

5. Set the margin width

If necessary, click **Specify Margin...** and set the margin width, and then click **OK**.

6. Complete the setup

Click **OK** on the **Page Setup** tab.

When you perform print, the document is first printed on one side of a sheet of paper. After one side is printed, reload the paper correctly according to the message.

Press the **OK** button on the printer to print the opposite side.

▶▶▶ Note

- If the back side of the paper becomes smudged during duplex printing, perform **Bottom Plate Cleaning** in the Canon IJ Printer Assistant Tool.

Overview of the Printer Driver

- **Canon IJ Printer Driver**
 - Opening Printer Driver's Setup Screen
- **Canon IJ Status Monitor**
 - Checking Ink Status from Your Computer
- **Instructions for Use (Printer Driver)**

Canon IJ Printer Driver

The Canon IJ printer driver (simply called printer driver below) is software that you install onto your computer so that it can communicate with the 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 "Canon XXX" (where "XXX" is your model name).

Displaying the Manual from the Printer Driver

To display the description of a setup tab from the printer driver's setup screen, click **Help** on that tab.

Related Topic

➔ [Opening Printer Driver's Setup Screen](#)

Opening Printer Driver's Setup Screen

You can display the printer driver's setup screen from your application software or by clicking the printer icon.

Displaying the Printer Driver's Setup Screen from Your Application Software

Perform this procedure to set up the print settings during printing.

1. Select print command from application software

In general, select **Print** on the **File** menu to open the **Print** dialog box.

2. Select your printer model, and click **Preferences** (or **Properties**)

The printer driver's setup screen appears.

▶▶▶ Note

- Depending on the application software you are using, the command and menu names, and the number of steps may vary. For details, refer to the operating instructions of your application software.

Displaying the Printer Driver's Setup Screen by Clicking the Printer Icon

From the setup screen you can perform printer maintenance operations such as print head cleaning, or set print settings to be shared by all application software.

The following instructions are shown using screens displayed in Windows 11 as an example.

1. Select the **Settings** -> **Bluetooth & devices** -> **Printers & scanners**

2. Click your model name icon, and then select **Printing preferences** from the displayed menu

The printer driver setup window appears.

▶▶▶ Note

- If you're using Windows 10 or earlier, follow the steps below to display the printer driver settings screen.
 1. Select the **Control Panel** -> **Hardware and Sound** -> **Devices and Printers**
 2. Right-click your model name icon, and then select **Printing preferences** from the displayed menu

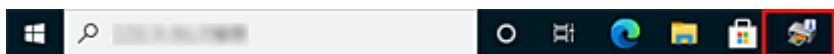
Opening the printer driver setup window through **Printer properties** displays such tabs regarding the Windows functions as the **Ports** (or **Advanced**) tab. Those tabs do not appear when opening through **Printing preferences** or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.

Canon IJ Status Monitor

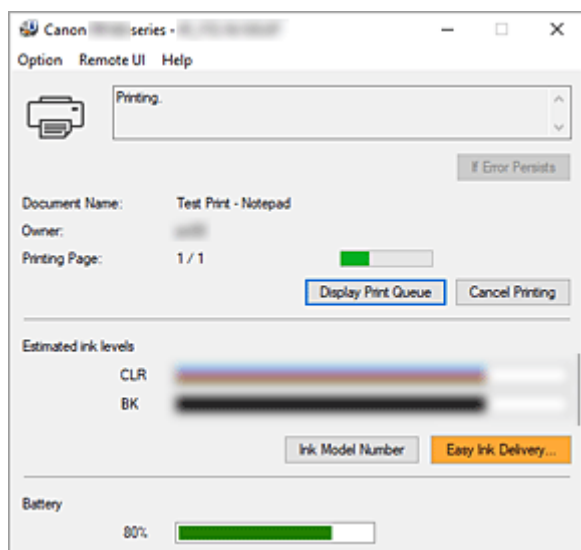
The Canon IJ Status Monitor displays the printer status and the printing progress. The printer status is shown by the images, icons, and messages in the status monitor.

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 **View Printer Status** on the **Maintenance** tab.
- The battery level indicator is displayed when the optional battery is being used.
- 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

The Canon IJ Status Monitor is automatically displayed if an error occurs (e.g., if the printer runs out of paper or if the ink is low).

In such cases, take the appropriate action as described.

Related Topic

➔ [Canon IJ Status Monitor Description](#)

Checking Ink Status from Your Computer

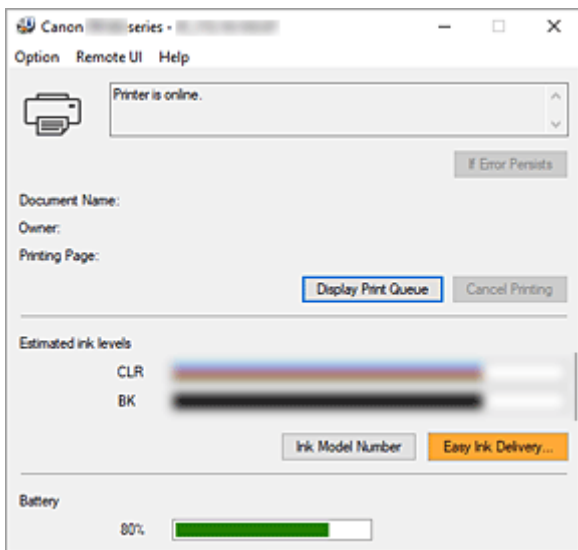
You can check the remaining ink level and the ink tank types for your model.

1. Open the [printer driver setup window](#)
2. Launching the Canon IJ Status Monitor

On the **Maintenance** tab, click **View Printer Status**.

3. Display **Estimated ink levels**

Ink status is displayed as an illustration.



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

- With some applications, the **Copies** setting in the **Page Setup** tab of the printer driver may not be enabled.
In this case, use the copies setting in the **Print** dialog box of the application software.
- If the selected **Language** in the **About** dialog box displayed in the **Maintenance** tab of **Printer properties** does not match the operating system interface language, the printer driver setup window may not be displayed properly.
- Do not change the **Advanced** tab items of the printer properties. If you change any of the items, you will not be able to use the following functions correctly.
Also, if **Print to file** is selected in the **Print** dialog box of the application software and with applications that prohibit EMF spooling, the following functions will not operate.
 - **Preview before printing** on the **Media/Quality** tab
 - **Prevention of Print Data Loss** in the **Print Options** dialog box on the **Page Setup** tab
 - **Booklet Printing (Manual)** in **1-sided/2-sided/Booklet Printing** on the **Page Setup** tab
 - **Print from Last Page**, **Collate**, **Specify Margin...**, and **Stamp...** on the **Page Setup** tab
- Since the resolution in the preview display differs from the printing resolution, text and lines in the preview display may appear different from the actual print result.
- With some applications, the printing is divided into multiple print jobs.
To cancel printing, delete all divided print jobs.
- If image data is not printed correctly, display the **Print Options** dialog box from the **Page Setup** tab and change the setting of **Disable ICM required from the application software**. This may solve the problem.
- If you are using a model that has a card slot, the card slot of the printer may become inaccessible. In such cases, restart the printer or turn it off and reconnect the USB cable.

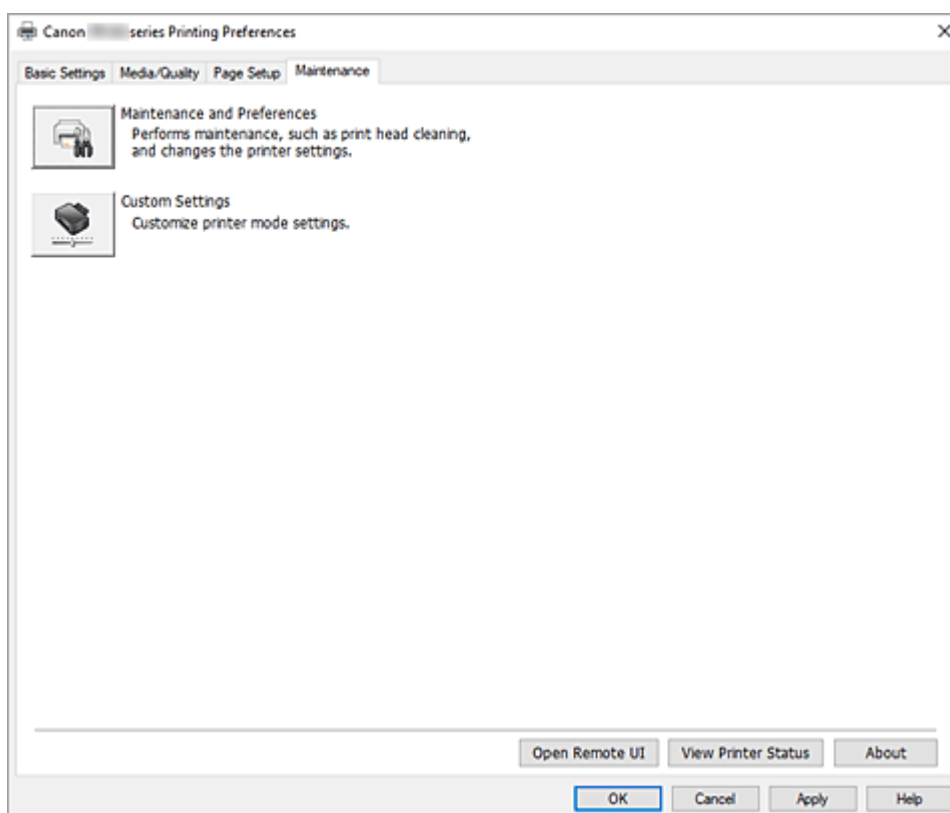
Points to Note About Applications with Restrictions

- There are following restrictions in Microsoft Word (Microsoft Corporation).
 - When Microsoft Word has the same printing functions as the printer driver, use Word to specify them.
 - When a setting from **2 on 1** to **16 on 1** or **Zoom** is used for **Page Layout** on the **Page Setup** tab of the printer driver, the document may not print normally in certain versions of Word.
 - When **Page Size** in Word is set to "XXX Enlarge/Reduce," the document may not print normally in certain versions of Word.
If this happens, follow the procedure below.
 1. Open Word's **Print** dialog box.
 2. Open the [printer driver setup window](#), and on the **Page Setup** tab, set **Page Size** to the same paper size that you specified in Word.
 3. Set **Booklet Printing (Manual)** in **Page Layout** or **1-sided/2-sided/Booklet Printing** according to your requirements.

4. Click **OK** to close the window.
 5. Without starting printing, close the **Print** dialog box.
 6. Open Word's **Print** dialog box again.
 7. Open the printer driver setup window and click **OK**.
 8. Start printing.
- If bitmap printing is enabled in Adobe Illustrator (Adobe Incorporated), printing may take time or some data may not be printed. Print after unchecking the **Bitmap Printing** check box in the **Print** dialog box.

Maintenance Tab Description

The **Maintenance** tab allows you to start the [Canon IJ Printer Assistant Tool](#) or check the status of the printer.



Maintenance and Preferences

Canon IJ Printer Assistant Tool is started.

You can perform printer maintenance or change the settings of the printer.



Custom Settings

Opens the [Custom Settings dialog box](#).

Perform this function to change the settings of this printer.

►►► Note

- If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status.
If this happens, click **OK** to display the most recent settings specified on your computer.

Open Remote UI

Menu for performing printer maintenance and changing settings.

View Printer Status

Starts the Canon IJ Status Monitor.

Perform this function when you want to check the printer status and how a print job is proceeding.

About

Opens the [About dialog box](#).

The version of the printer driver, plus a copyright notice, can be checked.

In addition, the language to be used can be switched.

Custom Settings dialog box

When you click **Custom Settings**, the **Custom Settings** dialog box is displayed.

If necessary, switch between various modes of printer operation.

Rotate 90 degrees left when orientation is [Landscape]

On the **Page Setup** tab, you can change the rotation direction of the **Landscape** in the **Orientation**.

To rotate the print data 90 degrees to the left during printing, check this check box.

►►► Important

- Do not change this setting while the print job is displayed in the print wait list. Otherwise, characters may be omitted or the layout may become corrupt.

►►► Note

- If **Envelope Com 10**, **Envelope DL**, **Yougata 4 4.13"x9.25"**, or **Yougata 6 3.86"x7.48"** is selected for **Page Size** on the **Page Setup** tab, the printer rotates the paper 90 degrees to the left to print, regardless of the **Rotate 90 degrees left when orientation is [Landscape]** setting.

Do not detect mismatched paper settings when printing from a computer

When you print documents from your computer, the paper settings in the printer driver and the paper information registered on the printer do not match, this setting disables the message display and allows you to continue printing.

To enable detection of paper setting mismatches, uncheck this check box.

About dialog box

When you click **About**, the **About** dialog box is displayed.

This dialog box displays the version, copyright, and module list of the printer driver. You can select the language to be used and switch the language displayed in the setup window.

Modules

Lists the printer driver modules.

Language

Specifies the language you wish to use in the [printer driver setup window](#).

►►► Important

- If the font for displaying the language of your choice is not installed in your system, the characters will be garbled.

Settings for Data Sending

If you click **Settings for Data Sending**, the **Settings for Data Sending** dialog box will be displayed.

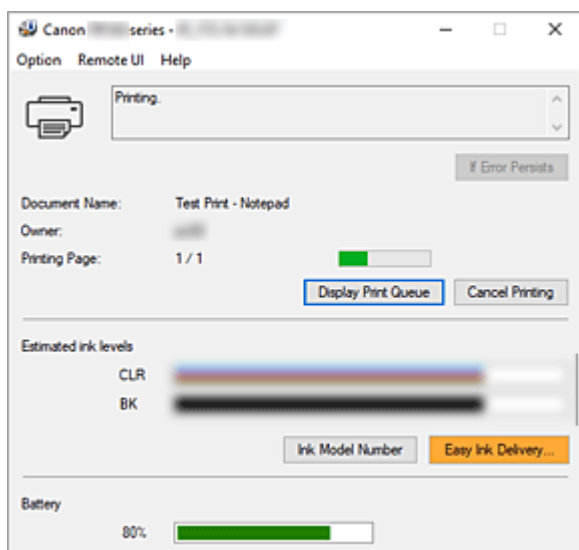
If it includes data you do not agree to sending, uncheck this check box.

»» Note

- Some printer functions can be set only from the **Maintenance** tab of **Printer properties**.

Canon IJ Status Monitor Description

The Canon IJ Status Monitor displays the printer status and the printing progress. The printer status is shown by the images, icons, and messages in the status monitor.



Features of the Canon IJ Status Monitor

The Canon IJ Status Monitor has the following functions:

Onscreen display of printer status

The status monitor displays the printer status in real-time.

You can check the progress of each document to be printed (print job).

Display of error content and correction procedure

The status monitor displays information on any errors that occur on the printer.

You can then immediately check what sort of action to perform.

Ink status display

Displays the ink status.

Ink tank types and ink levels can be confirmed.

View Battery Status

The battery status is displayed.

The battery level and temperature abnormality can be confirmed.

▶▶▶ Note

- If the optional battery is not attached to the printer, these items will not be displayed.

Overview of the Canon IJ Status Monitor

The Canon IJ Status Monitor uses images, icons, and messages to display the battery status, the printer status and the ink status.

During printing, you can check information about the document being printed and the print progress.

If an error occurs, the status monitor displays the error content and instructions on how to correct the error. Follow the message instructions.

Printer

Canon IJ Status Monitor shows an icon when a warning or error occurs to the printer.



: There is a warning.



: There has been an operator error.



: There is a notice about something other than a warning or an error.



: There has been an error which requires a service.

If Error Persists

If a warning or an error occurs, you can click the button.

A description of the warning or error will be displayed.

Document Name

Name of the document being printed.

Owner

Owner's name of the document being printed.

Printing Page

Page number of current page and the total page count.

Display Print Queue

The print queue, which controls the current document and documents waiting to be printed.

Cancel Printing

Cancels printing.

Estimated ink levels

Displays ink tank types and estimated ink levels as images.

Also, if the remaining ink is low or empty, an icon or a message will appear (Ink level warning / Ink empty error).

Ink Model Number

You can look up the correct ink tank for your printer.

Battery

Displays images to show the remaining battery level.

Also, when the remaining battery level is low, or if a temperature abnormality is detected, an icon or a message is displayed (Battery level warning / Abnormal battery temperature warning).



:The battery level is low.



:The abnormal high-temperature warning has been generated for the battery.

Option Menu

If a printer message appears, select **Enable Status Monitor** to start the Canon IJ Status Monitor.

Select **Enable Status Monitor** to use the following commands:

Always Display Current Job

Displays the Canon IJ Status Monitor whenever a document is being printed.

Always Display on Top

Displays the Canon IJ Status Monitor in front of other windows.

Display Guide Message

Displays guide messages for complicated paper setting operations.

Envelope Printing

Displays a guide message when envelope printing starts.

To hide this guide message, select the **Do not show this message again** check box.

To display the guide message again, open the **Option** menu, select **Display Guide Message**, click **Envelope Printing**, and enable this setting.

Display Firmware Update Notifications

Displays firmware update notifications.

If there's a firmware update available, a dialog box is displayed when you start printing.

If you add a check mark to **Do not show this message again** in this dialog box, you can prevent it from displaying again.

Start when Windows is Started

Automatically starts the Canon IJ Status Monitor when Windows is started.

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 to 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.

Download Security Certificate

Displays the **For secure communication** window.

This window allows you to download the route certificate, register it to the browser, and disable warning displays.

Help Menu

Select this menu to display Help information for the Canon IJ Status Monitor including version and copyright information.

Related Topic

➔ [Canon IJ Status Monitor](#)

Updating the Driver

Drivers include a printer driver and MP Drivers. The MP Drivers include a printer driver, ScanGear (scanner driver), and fax driver.

By updating the Driver to the latest version of the Driver, unresolved problems may be solved.

»»» Important

- Check the following if you want to install or delete drivers.
 - Log on as a user who has the administrator account.
 - Terminate all running applications.

- [Installing the Driver](#)
- [Deleting the Unnecessary Driver](#)

Installing the Driver

1. Turn on the printer

2. Start the installer

Double-click the icon of the downloaded file.
The installation program starts.

3. Install the 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 driver for free, but any Internet access charges incurred are your responsibility.

Deleting the Unnecessary Driver

The printer driver which you no longer use can be deleted.

1. Start the uninstaller

Select **Control Panel** -> **Programs** -> **Programs and Features**.

From the program list, select "Canon XXX Printer Driver/MP Drivers" (where "XXX" is your model name) and then click **Uninstall**.

The confirmation window for uninstalling the model appears.


2. Perform the uninstaller

Click **Start**. When the confirmation message appears, click **Yes**.

When all the files have been deleted, click **Complete**.

The deletion of the Driver is complete.

Printing from Application Software (macOS AirPrint)

- **Printing**  **Basic**
- **Perform Borderless Printing**
- **Printing on Postcards**
- **Adding Printer**
- **How to Open Printer Settings Screen**
- **Displaying the Printing Status Screen**
- **Deleting the Undesired Print Job**
- **Removing Printer That Is No Longer Required from List of Printers**

Printing

This printer is compatible with the macOS standard printing system (AirPrint). You can start printing right away after connecting this printer to your Mac without installing any special software.

Checking Your Environment

First, check your environment.

- AirPrint Operation Environment
 - Mac running the latest version of OS
- Requirement
 - The Mac and the printer must be connected by one of the following methods:
 - Connected to the same network over a **LAN**
 - Connected directly without wireless router (Direct Connection)
 - Connected by USB

Print from a Mac

1. [Check that printer is turned on](#)

▶▶▶ Note

- If **Auto power on** is enabled, printer automatically turns itself on when receiving a print job.

2. [Load paper](#) in printer

3. Select paper size and paper type from printer

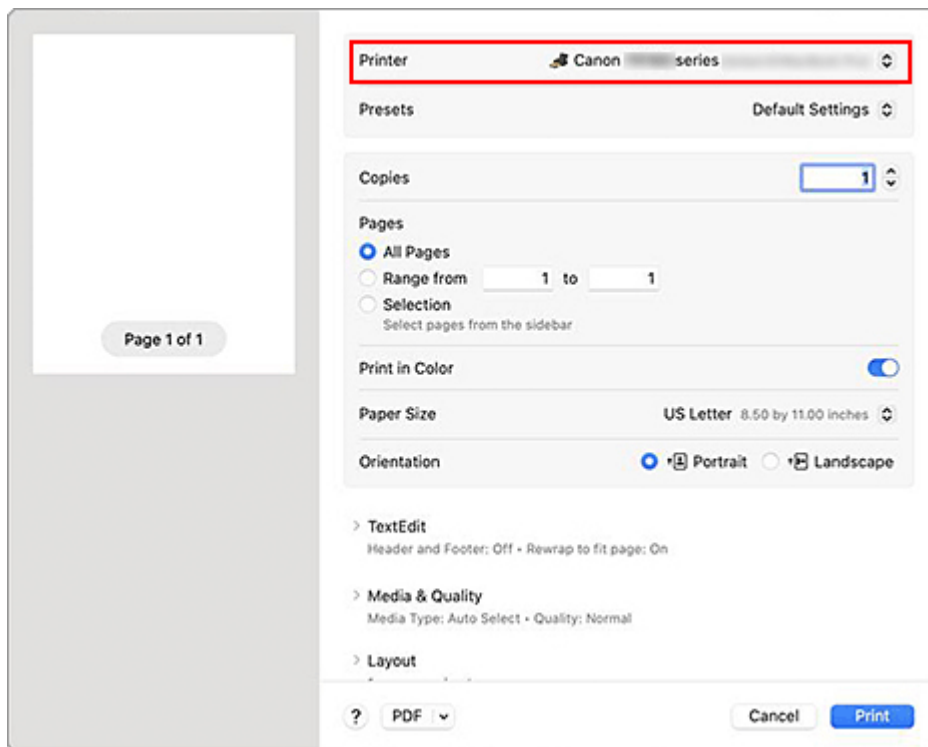
Register the set paper size and paper type on the printer operation panel.
For instructions, see "[Paper Settings](#)."

4. Start printing from your application software

The print dialog opens.

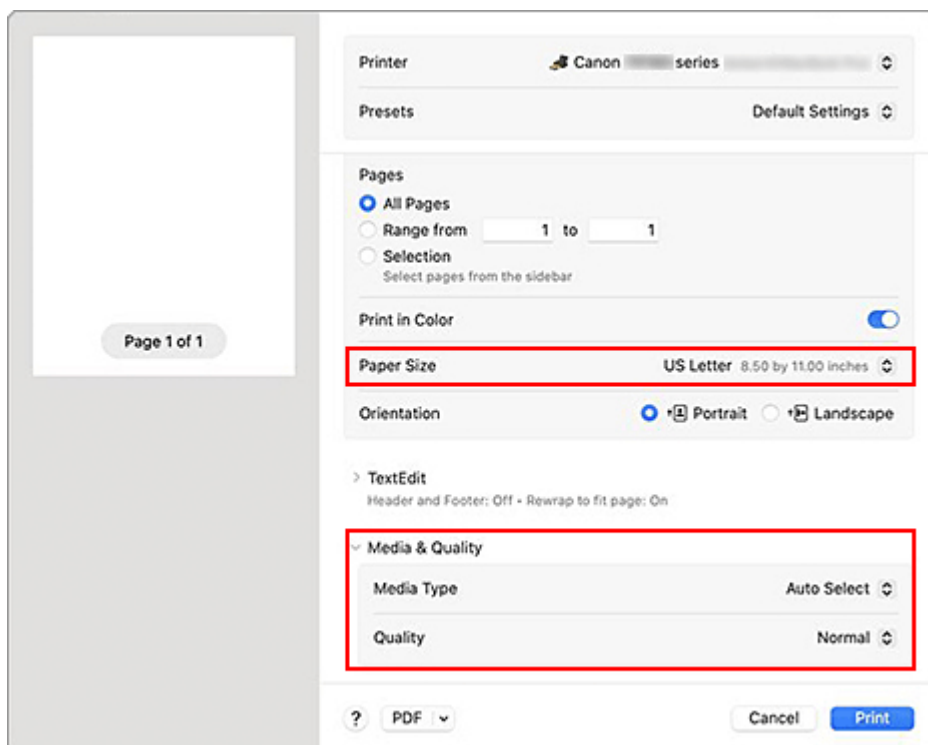
5. Select printer

Select your model from the **Printer** list in the print dialog.



6. Check print settings

Set items such as **Paper Size** to the appropriate size, as well as **Media Type** from **Media & Quality**.



»»» Important

- An error may occur if the paper size set in the print dialog is different from the paper size registered on the printer. Select the correct items on the print dialog and the printer that correspond to the paper being printed.

▶▶▶ Note

- Use the print dialog to set general print settings such as the layout and the print sequence. For information about print settings, refer to macOS help.

7. Click **Print**





The printer prints according to the specified settings.

▶▶▶ Note

- It can take the Wi-Fi a few minutes to get connected after the printer turns on. Print after checking that the printer is connected to the network.
- You cannot print if Bonjour settings of printer are disabled. Check **LAN** settings of printer and enable Bonjour settings.
- Refer to "Cannot Print Using AirPrint" for printing problems.
- The display of the settings screen may differ depending on the application software you are using.

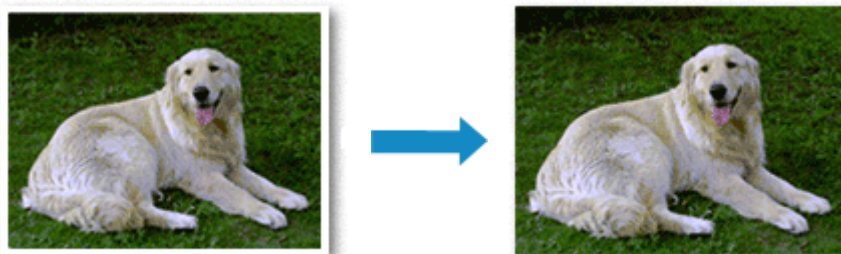
Printing of Envelopes

For printing on the envelope from Mac, refer to the following.

Print result image	Orientation of print data	Orientation of loading envelope
	 <p>The print data is rotated by 180 degrees against the print result image.</p>	  <p>Load the envelope in vertically with the address side facing up so that the folded flap of the envelope will be faced down on the right side.</p>

Perform Borderless Printing

The borderless printing function allows you to print data without any margin by enlarging the data so that it extends slightly off the paper. In standard printing, margins are created around the document area. However, in borderless printing function, these margins are not created. When you want to print data such as a photo without providing any margin around it, set borderless printing.



The procedure for performing borderless printing is as follows:

Setting Borderless Printing

1. Set the **Amount of extension** on the printer operation panel

For information on how to set the amount of extension, see "[Print settings](#)."

▶▶▶ Important

- When the **Extended amount: Large** is set, the back side of the paper may become smudged.

2. Select sheet size for borderless printing

Select "XXX Borderless" for **Paper Size** from the print dialog.

3. Click **Print**

When you perform print, the data is printed without any margins on the paper.

▶▶▶ Important

- Borderless printing only supports specific paper sizes. Make sure to select a paper size with the wording "Borderless" from the **Paper Size**.
- Print quality may deteriorate or the sheet may be stained at the top and bottom depending on the type of paper used.
- When the ratio of the height to the width differs from the image data, a portion of the image may not be printed depending on the size of the media used.
In this case, crop the image data with an application software according to the paper size.
- When scaled printing or page layout printing is enabled, you cannot perform borderless printing.

▶▶▶ Note

- The use of borderless printing is not recommended if **Plain Paper** is selected for **Media Type** in **Media & Quality**.

Expanding the Range of the Document to Print

Setting a large amount of extension allows you to perform borderless printing with no problems. However, the portion of the document extending off the paper range will not be printed and for this reason, the subjects around the perimeter of a photo may not be printed.

If you are not satisfied with the borderless printing results, reduce the amount of extension in printer operation panel.

▶▶ Important

- When the amount of extension is decreased, an unexpected margin may be produced on the print, depending on the size of the paper.

▶▶ Note

- When the **Amount: Minimum** is set, image data will be printed in the full size. If you set this when printing the address side of a postcard, the postal code of the sender is printed in the correct position.

Printing on Postcards

This section describes the procedure for printing on postcards.

1. [Load postcards](#) in printer

2. Select paper size and paper type from the printer

Register **Hagaki (size)** for paper size from the printer operation panel.

Also, register **IJ Hagaki**, **Hagaki K**, or **Hagaki (type)** for paper type, according to your purpose. When you print on the address side, register **Hagaki (type)**.

3. Select **Paper Size** and **Media Type** from the print dialog

Select **Postcard** or **Postcard Borderless** for **Paper Size** from the print dialog. When you print on the address side, select **Postcard**.

Select the Hagaki you want to use for **Media Type** in **Media & Quality** from the print dialog.

▶▶▶ Important

- This printer cannot print on postcards that have photos or stickers attached.
- You will get cleaner printing if you print the message side first and then print the address side.

4. Click **Print**

The printer prints according to the specified settings.

Adding Printer

This section describes the procedure for adding a printer to your Mac.

To re-add a printer that was deleted, open **System Settings** -> **Printers & Scanners**, click **Add Printer, Scanner, or Fax...**, and then perform the procedure described below.

If your printer is connected via USB, and you connect the USB cable to a Mac, the printer is automatically added. The below procedure is not necessary in this case.

1. Check whether **Default** is selected in the displayed dialog

»» Note

- It may take a little time for your printer to appear.

2. Select the printer

Select the printer listed as **Bonjour**.

»» Note

- Check the following if printer does not appear.
 - Printer is on
 - Firewall function of the security software is off
 - Printer is either connected to the wireless router or directly connected to the PC (Direct Connection)

3. Select your printer or **Secure AirPrint** from **Use**

4. Click **Add**

The printer is added to your Mac.

How to Open Printer Settings Screen

The settings screen of the printer can be displayed from your application software.

Opening the Page Setup Dialog

Use this procedure to set the page (paper) settings before printing.

1. Select **Page Setup...** from the **File** menu of the application software

The Page Setup dialog opens.

Opening the Print Dialog

Use this procedure to set the print settings before printing.

1. Select **Print...** from the **File** menu of the application software

The print dialog opens.

Displaying the Printing Status Screen






Check the print progress according to the following procedure:

1. Launch the printing status screen

- If the print data has been sent to the printer
The printing status screen opens automatically. To display the printing status screen, click the printer icon displayed on the Dock.
- If the print data has not been sent to the printer
Open **System Settings**, and select **Printers & Scanners**.
To display the printing status screen, select your printer model from the printer list, and then click **Printer Queue....**

2. Check the printing status

You can check the name of the file being printed or ready for being printed.

-  Deletes the specified print job.
-  Stops printing the specified document.
-  Resumes printing the specified document.
-  Stops printing all documents.
-  Displayed only when printing of all documents is being stopped, and resumes printing all documents.

Important

- If an error occurs, an error message will appear on the printing progress confirmation screen.
- The content of the error message may differ depending on the OS version.
- The printer part names in the error message may differ from what is listed in this manual.
- If the content of the error message is difficult to understand, check the error message displayed on the printer operation panel.


Deleting the Undesired Print Job

If the printer does not start printing, canceled or failed print job data may be remaining. Delete unnecessary print jobs from the print status check screen.

1. Open **System Settings, and select **Printers & Scanners****

2. Select your model, and then click **Printer Queue...**

The print status check screen appears.

3. Select the unnecessary print job and click  (Delete)

The selected print jobs will be deleted.

Removing Printer That Is No Longer Required from List of Printers

The printer that is no longer in use can be removed from the list of printers. Before removing the printer, remove the cable connecting the printer and PC.

You cannot remove the printer if you are not logged on as the administrator. For information about an administrative user, see **Users & Groups** from **System Settings**.

1. Open **System Settings**, and select **Printers & Scanners**

2. Delete printer from list of printers

Select the printer you wish to remove from the list of printers and click **Remove Printer...**

Click **Remove Printer** when the confirmation message appears.

Printing Using Canon Application Software

- ▶ Easy-PhotoPrint Editor Guide

Printing from Smartphone/Tablet

Printing from an iOS Device

- ▶ **Print Easily from a Smartphone or Tablet with Canon PRINT**
- ▶ **Printing from iOS Device (AirPrint)**

Printing from an Android Device

- ▶ **Print Easily from a Smartphone or Tablet with Canon PRINT**
- ▶ **About Mopria®**
- ▶ **Printing with Canon Print Service**

Printing Hagaki and Envelopes

For Windows

- [Printing on Postcards](#)
- [Setting Up Envelope Printing](#)

For macOS

- [Printing on Postcards](#)

Printing on Postcards

1. [Load postcard](#) on the printer

2. Open the [printer driver setup window](#)

3. Select commonly used settings

Display the **Basic Settings** tab, and for **Profiles**, select **Standard**.

4. Select the paper size

For **Printer Paper Size**, select **Hagaki 100x148mm** or **Hagaki 2 200x148mm**.

▶▶▶ Important

- Return postcards can be used only when you print them from the computer.
- When printing a return postcard, always set the paper size to **Hagaki 2 200x148mm** from your application software or the printer driver.
- Do not fold the return postcard. If a crease is formed, the printer will not be able to feed the postcard properly, and this condition will cause line shifts or a paper jam.
- With return postcards, borderless printing cannot be used.

5. Select the media type

Select the Hagaki you want to use from **Hagaki** in **Media Type**.

▶▶▶ Important

- This printer cannot print on postcards that have photos or stickers attached.
- You will get cleaner printing if you print the message side first and then print the address side.
- The paper settings on the printer driver are different, depending on whether you are printing on the address side or the message side.

For details about the paper information to be registered to the printer driver and on the printer, see the following:

- [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#)
- [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#)

6. Set the print orientation

To print the address horizontally, set **Orientation** to **Landscape**.

7. Select the print quality

For **Quality**, select the quality according to your purpose.

8. Click **OK**

When you perform printing, the data will be printed onto the postcard.

Printing on Postcards

This section describes the procedure for printing on postcards.

1. [Load postcards](#) in printer

2. Select paper size and paper type from the printer

Register **Hagaki (size)** for paper size from the printer operation panel.

Also, register **IJ Hagaki**, **Hagaki K**, or **Hagaki (type)** for paper type, according to your purpose. When you print on the address side, register **Hagaki (type)**.

3. Select **Paper Size** and **Media Type** from the print dialog

Select **Postcard** or **Postcard Borderless** for **Paper Size** from the print dialog. When you print on the address side, select **Postcard**.

Select the Hagaki you want to use for **Media Type** in **Media & Quality** from the print dialog.

▶▶▶ Important

- This printer cannot print on postcards that have photos or stickers attached.
- You will get cleaner printing if you print the message side first and then print the address side.

4. Click **Print**

The printer prints according to the specified settings.

Setting Up Envelope Printing

1. Set the paper thickness lever to the left, and [load envelope](#) on the printer

2. Open the [printer driver setup window](#)

3. Select the media type

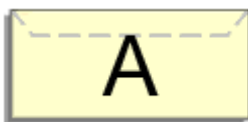
Select **Envelope** from **Profiles** on the **Basic Settings** tab.

4. Select the paper size

When the **Envelope Size Setting** dialog box is displayed, select the envelope size you want to use, and then click **OK**.

5. Set the orientation

To print the addressee horizontally, select **Landscape** for **Orientation**.



▶▶▶ Note

- If **Envelope Com 10**, **Envelope DL**, **Yougata 4 4.13"x9.25"**, or **Yougata 6 3.86"x7.48"** is selected for **Printer Paper Size**, the printer rotates the paper 90 degrees to the left to print, regardless of the **Rotate 90 degrees left when orientation is [Landscape]** setting for **Custom Settings** in the [Maintenance tab](#).

6. Select the print quality

For **Quality**, select the quality according to your purpose.

7. Click **OK**

When you perform print, the information is printed on the envelope.

▶▶▶ Important

- When you perform envelope printing, guide messages are displayed. To hide the guide messages, check the **Do not show this message again** check box. To show the guide again, click the **View Printer Status** button on the **Maintenance** tab, and start the Canon IJ Status Monitor. Then click **Envelope Printing** from **Display Guide Message** of the **Option** menu to enable the setting.

Other Various Printing Features


- [Printing Template Saved in Printer](#)

Printing Template Saved in Printer

You can print a template saved in the printer beforehand.

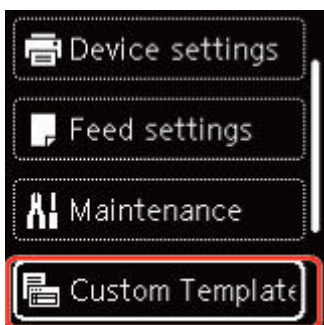
▶▶▶ Note

- For details on how to save a template, refer to [Save Your Frequently Used Custom Templates to Your Printer](#).

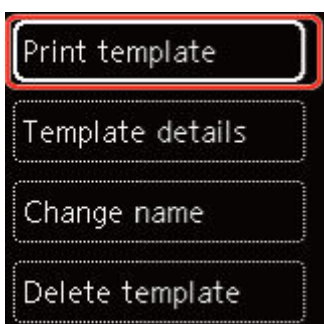
1. [Check that printer is turned on.](#)
2. [Load paper.](#)
3. Select  (Setup) on HOME screen.

➔ [LCD and Operation Panel](#)

4. Select **Custom Template Print**.



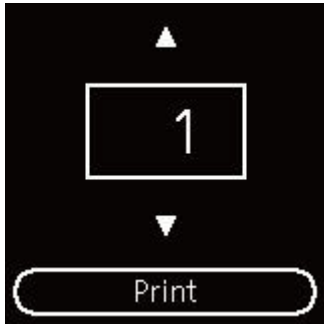
5. Select a file to print.
6. Select **Print template**.



▶▶▶ Note

- Select **Template details** to check the details of a template.
- Select **Change name** to change the file name of a template.
- Select **Delete template** to delete a file.

7. Use the ▲ ▼ button to specify the number of copies.



8. Select **Print**.

The printing starts.

Frequently Asked Questions

Top 6

[Loading Paper](#) >

[Network Connection Setup Guide](#)

[Error Has Occurred](#) >

[Network Communication Problems](#) >

[Ink Does Not Come Out](#) >

[Connecting with Wireless Direct](#) >

Search by Category



Error

- ➔ [List of Support Codes for Printer Errors](#)
- ➔ [Message Is Displayed](#)
- ➔ ["1000" is displayed](#)
- ➔ ["1300" is displayed](#)
- ➔ [Disable notifications for "2114" error](#)



Network

- ➔ [Connecting to a Printer](#)
- ➔ [Solve Network Troubles with The Printer's Diagnostic Functions](#)
- ➔ [Cannot Find Printer on Network](#) (Windows/macOS)
- ➔ [Cannot Proceed Beyond Printer Connection Screen](#)
- ➔ [Connecting with Wireless Direct](#)
- ➔ [Change to Offline \(Windows\)/Cannot Communicate \(Windows\)](#)
- ➔ [Using the Printer While Away from Home](#)



Printing

- ➔ [List of Support Code for Error \(Paper Jams\)](#)
- ➔ [Printer Does Not Print](#)
- ➔ [Resolving Print Quality Problems](#)
- ➔ [Blurry or Fuzzy](#)
- ➔ [Inaccurate or Bleeding Colors](#)
- ➔ [Lines Are Misaligned/Distorted](#)



Security / Other

- ➔ Searching Printer by IP Address or Host Name During Setup
- ➔ [Failed to MP Drivers \(Printer Driver\) Installation \(Windows\)](#)
- ➔ [Updating MP Drivers \(Printer Driver\) in Network Environment \(Windows\)](#)
- ➔ [Replacing Ink Tanks](#)
- ➔ [Printer Does Not Turn On](#)
- ➔ Settings/Maintenance

Questions not Listed Above

Error

- ➔ Cannot Use Previous Applications

Network

- ➔ [Printing Network Setting Information](#)
- ➔ Check the SSID and Encryption Key of the Wireless Router Connected to Your Computer or Smartphone
- ➔ [Switching Printer's Connection to Network or Devices](#)
- ➔ [Network Key \(Password\) Unknown](#)
- ➔ Cannot Remember Administrator Password of Printer
- ➔ [Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings](#)
- ➔ Message Appears on Computer During Setup
- ➔ [Checking Network Information of Printer](#)
- ➔ [Restoring Printer's LAN Settings to Defaults](#)
- ➔ [USB Connection Problems](#)
- ➔ Updating Printer Firmware

- ➔ Manual connect
- ➔ Network Solution 1-2-3

Printing

- ➔ Cannot Print Using AirPrint
- ➔ Printing Stops
- ➔ [Printer Does Not Pick Up or Feed the Paper/"No Paper" Error](#)
- ➔ [Printout Results Are Unsatisfactory](#)
- ➔ [Cannot Print from Smartphone/Tablet](#)

Security / Other

- ➔ [Printer Turns Off Unexpectedly or Repeatedly](#)
- ➔ [Wrong Language Appears in Operation Panel](#)

Operation Problems

Network FAQ

Here are frequently asked questions on network. Select a connection method you are using, or you want to use.



Wi-Fi

Cannot Find Printer

- ➔ [Cannot Find Printer on Network](#) (Windows/macOS)
- ➔ [Cannot Proceed Beyond Printer Connection Screen \(Cannot Find Printer Connected via USB\)](#)
- ➔ Searching Printer by IP Address or Host Name During Setup
- ➔ [Detect Same Printer Name](#)
- ➔ [Switching Printer's Connection to Network or Devices](#)

Cannot Print or Connect

- ➔ [Solve Network Troubles with The Printer's Diagnostic Functions](#)
- ➔ [Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings](#)
- ➔ Cannot Connect Smartphone/Tablet to Wireless Router
- ➔ WPS (Router Button) Connection
- ➔ [Switching Printer's Connection to Network or Devices](#)
- ➔ [Cannot Find Printer on Network](#) (Windows/macOS)

LAN Setting Tips/Changing LAN Settings

- ➔ [Network Key \(Password\) Unknown](#)
- ➔ Cannot Remember Administrator Password of Printer
- ➔ [Checking Network Information of Printer](#)
- ➔ [Restoring Printer's LAN Settings to Defaults](#)
- ➔ Checking Wireless Router SSID/Key
- ➔ Checking Wireless Router Network Name (SSID) for Smartphone/Tablet
- ➔ Privacy Separator/SSID Separator/Network Separation Function
- ➔ [Default Network Settings](#)
- ➔ [Switching Printer's Connection to Network or Devices](#)
- ➔ [Printing Network Settings](#)
- ➔ Checking Status Code

Printing from Smartphone/Tablet

- ➔ Cannot Connect Smartphone/Tablet to Wireless Router
- ➔ Checking Wireless Router Network Name (SSID) for Smartphone/Tablet
- ➔ [Cannot Print from Smartphone/Tablet](#)

Problems while Using Printer

- ➔ Message Appears on Computer During Setup
- ➔ [Cannot Find Printer on Network](#) (Windows/macOS)

Wireless Direct

Cannot Print or Connect

- ➔ [Solve Network Troubles with The Printer's Diagnostic Functions](#)
- ➔ [Cannot Find Printer on Network](#) (Windows/macOS)

LAN Setting Tips/Changing LAN Settings

- ➔ Cannot Remember Administrator Password of Printer
- ➔ [Checking Network Information of Printer](#)
- ➔ [Restoring Printer's LAN Settings to Defaults](#)
- ➔ [Default Network Settings](#)
- ➔ [Switching Printer's Connection to Network or Devices](#)
- ➔ [Printing Network Settings](#)
- ➔ Checking Status Code

Printing from Smartphone/Tablet

- ➔ [Cannot Print from Smartphone/Tablet](#)

Problems while Using Printer

- ➔ Message Appears on Computer During Setup
- ➔ [Cannot Find Printer on Network](#) (Windows/macOS)

Network Communication Problems

- **Cannot Find Printer on Network (Windows/macOS)**
- **Wireless Router Problems**
- **Printer Settings/Smartphone/Tablet Troubles for Network**

Cannot Find Printer on Network (Windows/macOS)

- **Cannot Find Printer on Network**
- **Cannot Proceed Beyond Printer Connection Screen (Cannot Find Printer Connected via USB)**
- **Searching Printer by IP Address or Host Name During Setup**



Cannot Find Printer on Network



Important

- Make sure the following four items first.
 - If the security settings on the wireless router are enabled, to disable the settings may solve the problem.
 - ➔ Privacy Separator/SSID Separator/Network Separation Function
 - If the printer is connected to the 2.4 GHz SSID, connect your computer or smartphone to the 2.4 GHz SSID, or connect it to the 5 GHz SSID if the printer is connected to the 5 GHz SSID, then this may improve the condition.
 - ➔ Cannot Print/Set up/Find the Printer Even Though it is Connected to the Wireless Router and the Network
 - To disable Band Steering function* of wireless router may solve the problem.
 - If the same SSIDs are assigned for 2.4 GHz and 5 GHz, to assign different SSIDs may solve the problem.

➔ Frequency band such as 5 GHz or 2.4 GHz for wireless connection

* Band Steering function: Band Steering monitors a Wi-Fi network and automatically assigns devices to their optimal frequency band within 2.4 GHz or 5 GHz frequency bands depending on the situation.

In the following cases, set up the printer again.

- When you buy a new computer or wireless router
- When you change the settings on your wireless router
- When the connection method (Wi-Fi / USB) of the printer is changed

For more on the setup procedure;

➔ Set Up

In Other Cases Than Above:

If the printer suddenly stops working, even though you have not changed the settings of the device or network to which it is connected, or if you cannot find the printer during the setup process, check and solve the problem, using Wi-Fi Connection Assistant. After the condition improves, redo the setup of the printer.

Wi-Fi Connection Assistant is a powerful solution tool for network problems.

|| Step 1 | [Check Basic Items for Network.](#)

Step 2 [Solve Problems, Using Wi-Fi Connection Assistant.](#)

Step 3 [If the Solution Tool Does Not Solve the Problem.](#)

Step 1 : Check Basic Items for Network.

Check 1 Check power status.

Check your printer and the network device (wireless router, etc.) are turned on.

If you are in the process of setting up, interrupt it and check if the wireless router (modem) is turned on and then check if the printer is turned on.

1. Check if network device such as router is 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 device such as router is ready for use.

2. Check if printer is turned on.

If printer is not turned on, turn on the power. If the printer is on, turn it off and on again.

Proceed once you complete checking the power status above.

Check 2 Check PC network connection.

If your computer and network devices (wireless router, etc.) are fully configured, your computer is ready to connect to the network.

1. Check the settings of the network device (wireless router, etc.).

Connect to the Internet and see if you can browse any web page. 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.

To check the network name (SSID) of the wireless router the printer is connected to, print the network settings.

➔ [Printing Network Settings](#)

▶▶▶ Note

- 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).
- For more on checking the settings of the wireless router, refer to the instruction manual supplied with the wireless router or contact the manufacturer.

If you use an encryption key, specify it for the network name (SSID) you are using. For details, see [Setting an Encryption Key](#).

2. Check PC network connection.

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.

Proceed once you complete checking the network connection above.

Check 3 Check printer's network settings.

Make sure the  icon is displayed on the lower left of the **HOME** screen.

If  icon is displayed.

 icon indicates that the wireless router and the printer are not connected. Check the setting of printer. Reconsider the location of the wireless router and the printer in the next check.

If  or  icon is displayed.

The printer is not set to use Wi-Fi.

Select  (Setup) on **HOME** screen > **LAN settings** > **Wi-Fi** in this order, and select **Enable** for **Advanced mode**.

Check 4 Check location of wireless router.

Make sure the printer is not placed too far away from the wireless router.

The printer can be up 50 m (164 ft.) 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.

Step 2 : Solve Problems, Using Wi-Fi Connection Assistant.

Diagnose and repair the network connections using Wi-Fi Connection Assistant.

Download Wi-Fi Connection Assistant from the below page, and install it on your computer.

➡ [Checking Printer Connection Status Using Wi-Fi Connection Assistant](#)

Refer to below in regard to starting up Wi-Fi Connection Assistant.

- **For Windows:**

- ➔ [Starting Up Wi-Fi Connection Assistant](#)

- **For macOS:**

- ➔ [Starting Up Wi-Fi Connection Assistant](#)

Step 3 : If the Solution Tool Does Not Solve the Problem.

Check 1 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 2 If printer is connected to AirPort Base Station via LAN, make sure you use alphanumeric characters for network name (SSID). (macOS)

If your network name (SSID) contains characters other than single-byte alphanumeric characters, the connection is not established properly. Change the network name (SSID) to use only single-byte alphanumeric characters.

Check 3 Solve network troubles with the printer's diagnostic functions.

See below.

- ➔ [Solve Network Troubles with The Printer's Diagnostic Functions](#)

Check 4 Check that **Enable bidirectional support** is selected in **Ports** sheet of **Printer properties** dialog box (Windows).

If not, select it to enable bidirectional support.

Related Topics

- ➔ [Network Communication Problems](#)

Wireless Router Problems

- **Network Key (Password) Unknown**
- **Checking Wireless Router SSID/Key**
- **Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings**
- **WPS (Router Button) Connection**
- **Privacy Separator/SSID Separator/Network Separation Function**

Network Key (Password) Unknown

Diagnose and repair the network connections using Wi-Fi Connection Assistant.

Download Wi-Fi Connection Assistant from the below page, and install it on your computer.

- ➔ [Checking Printer Connection Status Using Wi-Fi Connection Assistant](#)

Refer to below in regard to starting up Wi-Fi Connection Assistant.

- **For Windows:**
 - ➔ [Starting Up Wi-Fi Connection Assistant](#)
- **For macOS:**
 - ➔ [Starting Up Wi-Fi Connection Assistant](#)

If the problem persists after diagnosis and repair with Wi-Fi Connection Assistant, check the following items.

- ➔ [WPA/WPA2/WPA3 Key Set for Wireless Router Unknown, Cannot Connect](#)
- ➔ [Setting an Encryption Key](#)

WPA/WPA2/WPA3 Key Set for wireless router Unknown, Cannot Connect

Check the wireless router settings. For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Setting an Encryption Key

Select the encryption containing WPA2.

Note

- The factory default of wireless router supporting WPA3 may be set to WPA3.

Make sure your computer can communicate with the wireless router using the settings you have selected. For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer.

- **Using WPA2/WPA3**

The authentication method, Wi-Fi password, and dynamic encryption type must be identical among the wireless router, the printer, and your computer.

Enter the Wi-Fi password configured on the wireless router.

AES (more secure encryption than TKIP) is selected as the dynamic encryption method. The printer does not support TKIP. If the wireless router settings are set to "TKIP only", you will not be able to connect to the printer.

For details, see [If WPA/WPA2/WPA3 Details Screen Appears](#).

▶▶ Note

- This printer supports the following.
 - WPA-PSK (WPA-Personal)
 - WPA2-PSK (WPA2-Personal)
 - WPA3-SAE (WPA3-Personal)
- Some printers support IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise). To configure IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise), you also need to configure the authentication (Radius) server.

Contact the network administrator for more information.
- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).

Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings

When wireless router is replaced or router settings are changed, the network settings of your computer, smartphone/tablet or printer must be reconfigured according to the new wireless router.



Check 1 Check if your computer or smartphone/tablet can be connected to Internet through the new wireless router.

If your computer or smartphone/tablet cannot be connected to Internet, check if the wireless router setup is completed and configure the settings on the computer or smartphone/tablet to connect to the wireless router.

Check 2 Restart printer network.

Refer to Setup Guide to setup.

▶▶▶ Note

- Wi-Fi Connection Assistant allows you to diagnose and repair the network status.

Select the link below to download Wi-Fi Connection Assistant and install it.

- ➔ [Checking Printer Connection Status Using Wi-Fi Connection Assistant](#)

Refer to below in regard to starting up Wi-Fi Connection Assistant.

— For Windows:

- ➔ [Starting Up Wi-Fi Connection Assistant](#)

— For macOS:

- ➔ [Starting Up Wi-Fi Connection Assistant](#)

If this does not solve the problem, see below.

- ➔ [Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on wireless router](#)
- ➔ [With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at Wireless Router](#)
- ➔ Privacy Separator/SSID Separator/Network Separation Function

Q Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on wireless router



Check 1 Check wireless router setting.

For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Check 2 If filtering MAC addresses or IP addresses at wireless router, check that MAC addresses or IP addresses for computer, network device, and printer are registered.

Check 3 If using WPA/WPA2/WPA3 key or a password, make sure encryption key for computer, network device, and printer matches key set for wireless router.

The length or format of the Wi-Fi password and authentication method must be identical among the wireless router, the printer, and your computer.

For details, see [Setting an Encryption Key](#).

►► Note

- Some printers support IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise). To configure IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise), you also need to configure the authentication (Radius) server.
Contact the network administrator for more information.
- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).

Q With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at wireless router

A

If the printer cannot communicate with the computer after you change the encryption type for the wireless router, make sure the encryption type and passkey or password for the computer matches that of the wireless router.

- ➔ [Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on wireless router](#)

Printer Settings/Smartphone/Tablet Troubles for Network

- **Solve Network Troubles with The Printer's Diagnostic Functions**
- **Checking Network Information of Printer**
- **Checking Status Code**
- **Printing Network Settings**
- **Restoring Printer's LAN Settings to Defaults**
- **Default Network Settings**
- **Connecting with Wireless Direct**

Solve Network Troubles with The Printer's Diagnostic Functions

- If the printer and wireless router are connected or the printer and computer are connected by USB cable but you cannot print:
 - ➔ [Change to Offline \(Windows\)/Cannot Communicate \(Windows\)](#)
- In other cases than above:
 - ➔ [Cannot Find Printer on Network/Cannot Print](#)
 - ➔ [Cannot Connect to Printer through Wireless Direct](#)

Cannot Find Printer on Network/Cannot Print



Printing Out Network Settings Information

Follow the procedure below to print out the network settings information.



Step 1 Check that printer and wireless router are turned on.

Turn the wireless router back on.

Wait about five minutes and then turn the printer back on.

Step 2 Check your devices (e.g. computer/smartphone/tablet) are connected to Internet.

Make sure that devices and the wireless router are connected to via Wi-Fi, and that the Internet can be used without problems.

Step 3 Make sure the printer's Wi-Fi setting is enabled and the  or  icon is displayed.

Step 4 Move the printer and device (computer/smartphone/tablet) closer to the wireless router.

Wireless communication quality deteriorates if the printer or devices are too far from the wireless router. Move the printer and device closer to the wireless router.

Step 5 Print the network settings.

Print out the network settings information on your printer.

➔ [Printing Network Settings](#)

Checking Printed Network Settings Information:

From the printed network settings information, check the entries in item "2-2".

C-0

It is connected correctly. If, nevertheless, the printer is not found on the network or printing is not possible, check the following items.

▶▶▶ Note

- If codes other than "C-0" are displayed at the same time in the item "2-2" see also the correspondence of the other codes.

Check 1 Check that security software's firewall is off.

A message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set the security software to always allow access.

Quit the security software and make sure that the printer is recognized and ready to use. If so, the cause is the firewall setting. Change the firewall settings so that the printer is recognized and ready to use. For details, contact the manufacturer of the security software.

If you are using any programs that switch between network environments, check their settings.

Check 2 Does network name (SSID) of printer match network name (SSID) setting of wireless router that communicates?

Check the "3-2-6" item in the printed network settings information and the network name (SSID) of the wireless router you want to connect to. If they are not matched, check the SSID and password of the wireless router you want to connect to, and then setup manually.

Check 3 Is privacy separator, SSID separator, or Network separation function enabled on wireless router?


If it is enabled, disable these functions before performing the setup. To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

Check 4 Are MP Drivers (Printer Driver) installed? (Windows)

If you are using Windows and MP Drivers (Printer Driver) are not installed, install it.

➡ Set Up

C-1

The printer's Wi-Fi setting is disabled. (You can also check if the Wi-Fi icon  does not appear on the printer's screen.)

Enable the Wi-Fi setting in the printer's settings screen.

C-3

No IP address is assigned. (You can also check that the item "3-2-12" in the printed network settings information is blank.)

Check the following items.

Check 1 Is printer set to obtain an IP address automatically, or is wireless router requesting manual addressing?

Refer to the wireless router's manual to enable DHCP (auto-acquisition) settings on the wireless router or to set a valid IP address on the printer.

Check 2 When you set printer's IP address manually, correct IP address may not be set.

Check the network name (SSID) and the password of the wireless router you want to connect to, the IP address applicable range, and then enter the appropriate IP address on the printer side. If you are unsure, set the printer's IP address to automatic (DHCP).

C-5

Unable to connect to the specified network. Check the following items.

Check 1 Check power status of printer, network devices (e.g. wireless router), and your PC/smartphone/tablet.

This printer can be connected to a wireless router that supports 2.4 GHz, 5 GHz, or both bands. If the wireless router is set up to use the same SSID for 2.4 GHz and 5 GHz, set up that SSID on the printer so that the printer and wireless router can be connected at either 2.4 GHz or 5 GHz.

▶▶ Note

- 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).

Check 2 Password on your wireless router may not match password you entered.

Passwords are case sensitive.

Enter the password correctly.

Check 3 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.
- After changing the installation location, print out the network settings information again and check the status of the signal. Compare with the value in section "3-2-1" in the printed network settings information to determine the installation location.

Check 4 Check wireless channel number of Wi-Fi you are using on computer.

Make sure that the wireless channel number on the wireless router is included in the wireless channel number you checked. If the wireless channel number set for the wireless router is not included, change the wireless channel number of the wireless router.

Check 5 In case of Wi-Fi connection, check if computer that can be accessed by wireless router is restricted.

The wireless router settings may be limiting the number of devices that can be connected at the same time. Remove or relax the restrictions.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

▶▶▶ Note

- To check the MAC address or IP address of your computer, see [Checking Computer IP Address or MAC Address](#).

Check 6 If problem occurs only when wireless router is in energy-saving mode, turn off energy-saving mode of wireless router.

If the problem seems to occur suddenly, it may be resolved by updating the wireless router firmware (e.g. update interval of a key, problems of DHCP update interval, etc.). For details, refer to the wireless router's instruction manual.

Check 7 If printer is connected to AirPort Base Station via LAN, make sure you use alphanumeric characters for network name (SSID). (macOS)

If your network name (SSID) contains characters other than single-byte alphanumeric characters, the connection is not established properly. Change the network (SSID) of the printer to use only single-byte alphanumeric characters.

C-4

No default gateway is set.

When you set the IP address of the printer manually, enter a valid default gateway IP address. If you don't know the default gateway, set the IP address to automatic.

C-7

There may be a problem with the signal.

Check the following items.

Check 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.
- After changing the installation location, print out the network settings information again and check the status of the signal. Compare with the value in section "3-2-1" in the printed network settings information and place the printer in the location with a higher value.

▶▶▶ Note

- In some cases, "C-7" and "C-9" are displayed at the same time. In that case, refer to both items.

C-8

Too many clients are connected.

Wireless Direct does not allow more than 5 devices to be connected.

If you want to connect additional devices to the printer, unplug any devices that are not in use before adding them.

C-9

The noise level is high and does not differ from the signal level due to various devices other than the printer.

- If devices (microwave oven, external hard disk drive, and other USB 3.0 devices) that emit radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the printer and the wireless router as far away from interference sources as possible.
- After you change the location of the printer, check the signal quality. Compare the value of "3-2-2" in the network settings information and place the printer in the location with a higher value.

▶▶▶ Note

- In some cases, "C-7" and "C-9" are displayed at the same time. In that case, refer to both items.

C-10

No IP address is assigned by the wireless router.

Check the following items.

Check 1 Password on your wireless router may not match password you entered.

Passwords are case sensitive.

Enter the password correctly.

Check 2 Set up printer again and reconnect to Wi-Fi.

Check 3 Check DHCP of wireless router. If DHCP is off, set it on.

For details, refer to the wireless router's instruction manual.

C-11

The network name (SSID) remains the default value (The network name (SSID) has not been set). Check the network name (SSID) of the wireless router.

Verify the network name (SSID) and password of the wireless router you want to connect to, and then set it up manually.

▶▶▶ Note

- Wi-Fi Connection Assistant allows you to diagnose and repair the network status.
Select the link below to download Wi-Fi Connection Assistant and install it.

➔ Checking Printer Connection Status Using Wi-Fi Connection Assistant

Refer to below in regard to starting up Wi-Fi Connection Assistant.

– **For Windows:**

➔ [Starting Up Wi-Fi Connection Assistant](#)

– **For macOS:**

➔ [Starting Up Wi-Fi Connection Assistant](#)

Cannot Communicate with Printer while It Is in Wireless Direct

A

Check the following items

Check 1 Check power status of printer and other devices (e.g. computer/smartphone/tablet).

Turn on the printer or devices.

If the power is already turned on, cycle the power.

Check 2 Check settings of your device (e.g. computer/smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to the device's instruction manual.

Check 3 Print out network settings information.

See "Step 1" to "Step 5" in [Cannot Find Printer on Network/Cannot Printing](#).

In the printed network settings information, check if the item "2-2" is not "C-8". If this is the case, the number of connected printers is too many.

Wireless Direct does not allow more than 5 devices to be connected.

When you want to connect additional devices, disconnect any devices that are not in use before adding them.

Check 4 Check that printer is selected as connection for various devices (e.g. computer/smartphone/tablet).

Select the network name (SSID) for Wireless Direct 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 network name (SSID) for Wireless Direct specified for the printer, display it using the operation panel of the printer or print out the network settings information of the printer.

- Display on the operation panel of the printer.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

Check 5 Check that Wireless Direct password set for printer is entered correctly.

To check the password specified for the printer, display it using the operation panel of the printer or print out the network settings information.

- Display on the operation panel of the printer.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

Check 6 Check that printer is not placed too far away from device.

If the distance between the printer and the device is too far, wireless communication becomes poor. Place the printer and the device close to each other.

Checking Network Information of Printer

- ➔ [Checking Printer IP Address or MAC Address](#)
- ➔ [Checking Computer IP Address or MAC Address](#)
- ➔ [Checking Communication Between the Computer, the Printer, and the Wireless Router](#)
- ➔ [Checking Network Setting Information](#)

Checking Printer IP Address or MAC Address

To check the printer's IP Address or MAC address, print out the network settings information or use the operation panel to display it.

- Display on the operation panel.
 - ➔ [LAN settings](#)
- Print the network settings.
 - ➔ [Printing Network Settings](#)

For Windows, you can check the network setting information on the computer screen.

- ➔ [Canon Wi-Fi Connection Assistant Screen](#)

Checking Computer IP Address or MAC Address

To check the IP Address or MAC address of your computer, follow the instructions below.

- **For Windows:**

1. Select **Command Prompt** from **Start**.
2. Enter "ipconfig/all" and press **Enter**.

The IP address and MAC address of your computer appear. If your computer is not connected to a network, the IP address does not appear.

- **For macOS:**

1. Select **System Settings** from Apple menu, and then click **Network**.
2. Make sure network interface used by computer is selected.
Make sure **Wi-Fi** is **Connected** and click.
3. Click **Details** to check the IP address.

The IP address of your computer appears. To check the MAC Address, click **Hardware**.

Checking Communication Between the Computer, the Printer, and the wireless router

A

Perform a ping test to check if communication is taking place.

- **For Windows:**

1. Select **Command Prompt** from **Start**.
2. Type "ping XXX.XXX.XXX.XXX" and press **Enter**.

"XXX.XXX.XXX.XXX" is the IP address of the target device.

If communication is taking place, a message like the one shown below appears.

```
Reply from XXX.XXX.XXX.XXX: bytes=32 time=10ms TTL=255
```

If **Request timed out** appears, communication is not taking place.

- **For macOS:**

1. Start **Terminal** as shown below.

Select **Computer** from **Go** menu of **Finder**, double-click **Macintosh HD > Applications > Utilities > Terminal**.

2. Type "ping -c3 XXX.XXX.XXX.XXX" and press **Enter**.

"XXX.XXX.XXX.XXX" is the IP address of the target device.

If communication is taking place, a message like the one shown below appears.

```
64 bytes from XXX.XXX.XXX.XXX: icmp_seq=0 ttl=64 time=3.394 ms
```

```
64 bytes from XXX.XXX.XXX.XXX: icmp_seq=1 ttl=64 time=1.786 ms
```

```
64 bytes from XXX.XXX.XXX.XXX: icmp_seq=2 ttl=64 time=1.739 ms
```

```
--- XXX.XXX.XXX.XXX ping statistics ---
```

```
3 packets transmitted, 3 packets received, 0% packet loss
```

If the following message is displayed, communication is not working properly.

```
PING XXX.XXX.XXX.XXX (XXX.XXX.XXX.XXX) : 56 data bytes
```

```
---XXX.XXX.XXX.XXX ping statistics ---
```

```
3 packets transmitted, 0 packets received, 100% packet loss
```

Checking Network Setting Information

A

To check the printer's network settings information, display it using the operation panel of the printer or print it out.

- Display on the operation panel of the printer.
 - ➔ [LAN settings](#)
- Print the network settings.
 - ➔ [Printing Network Settings](#)




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 three or more sheets of **A4** or **Letter** sized **Plain Paper**.
➔ [Loading Paper](#)
3. Select  (Setup) on **HOME** screen and press **OK** button.
4. Select **LAN settings** and press **OK** button.
5. Select **Print details** and press **OK** button.
6. Select **Yes** and press **OK** button.
7. Check displayed message and press **OK** button.
8. When the confirmation screen for printing passwords appears, select **ON** or **OFF** and press **OK** button.

The printer starts printing the network setting information.

The following information on the printer's network setting is printed out. (Some setting values are not displayed depending on the printer settings.)

Item Number	Item	Description	Setting
1	Product Information	Product information	-
1-1	Product Name	Product name	XXXXXXXX
1-2	ROM Version	ROM version	XXXXXXXX
1-3	Serial Number	Serial number	XXXXXXXX
1-4	Default Password	Initial administrator password	XXXXXXXX

2	Network Diagnostics	Network diagnostics	-
2-1	Diagnostic Result	Diagnostic result	XXXXXXXX
2-2	Result Codes	Result codes	XXXXXXXX
2-3	Result Code Details	Result code details	See Solve Network Troubles with The Printer's Diagnostic Functions to check details on the diagnostic result and result codes.
3	Wireless LAN	Wireless LAN	Enable/Disable
3-2	Infrastructure	Infrastructure	Enable/Disable
3-2-1	Signal Strength	Signal strength	0 to 100 [%]
3-2-2	Link Quality	Link quality	0 to 100 [%]
3-2-3	Frequency	Frequency	2.4/5 [GHz]
3-2-4	MAC Address	MAC address	XX:XX:XX:XX:XX:XX
3-2-5	Connection	Connection status	Active/Inactive
3-2-6	SSID	SSID	Wireless LAN network name (SSID)
3-2-7	Channel	Channel	XXX (1 to 13, 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 149, 153, 157, 161, 165)
3-2-8	Encryption	Encryption method	none/AES
3-2-10	Authentication	Authentication method	none/auto/WPA-PSK/WPA2-PSK/WPA3-SAE
3-2-11	TCP/IPv4	TCP/IPv4	Enable
3-2-12	IP Address	IP address	XXX.XXX.XXX.XXX
3-2-13	Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
3-2-14	Default Gateway	Default gateway	XXX.XXX.XXX.XXX
3-2-15	TCP/IPv6	TCP/IPv6	Enable/Disable
3-2-16	Link Local Address	Link local address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-17	Link Local Prefix Length	Link local prefix length	XXX
3-2-18	Stateless Address1	Stateless address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-19	Stateless Prefix Length1	Stateless prefix length 1	XXX

3-2-20	Stateless Address2	Stateless address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-21	Stateless Prefix Length2	Stateless prefix length 2	XXX
3-2-22	Stateless Address3	Stateless address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-23	Stateless Prefix Length3	Stateless prefix length 3	XXX
3-2-24	Stateless Address4	Stateless address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-25	Stateless Prefix Length4	Stateless prefix length 4	XXX
3-2-26	Default Gateway1	Default gateway 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-27	Default Gateway2	Default gateway 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-28	Default Gateway3	Default gateway 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-29	Default Gateway4	Default gateway 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-33	IPsec	IPsec setting	Active/Inactive
3-2-34	Security Protocol	Security method	ESP/ESP & AH/AH/Blank (Not selected)
3-2-35	Wireless LAN DRX	Discontinuous reception (wireless LAN)	Enable/Disable
3-3	Wireless Direct/Access Point Mode	Operation mode for Wireless Direct	Enable/Disable
3-3-1	MAC Address	MAC address	XX:XX:XX:XX:XX:XX
3-3-2	Connection	Connection status	Active/Inactive
3-3-3	SSID	SSID	Wireless Direct network name (SSID)
3-3-4	Password	Password	Wireless Direct password
3-3-5	Channel	Channel	3,6,36,40
3-3-6	Encryption	Encryption method	AES
3-3-7	Authentication	Authentication method	WPA2-PSK
3-3-8	TCP/IPv4	TCP/IPv4	Enable

3-3-9	IP Address	IP address	XXX.XXX.XXX.XXX
3-3-10	Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
3-3-11	Default Gateway	Default gateway	XXX.XXX.XXX.XXX
3-3-12	TCP/IPv6	TCP/IPv6	Enable/Disable
3-3-13	Link Local Address	Link local address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-3-14	Link Local Prefix Length	Link local prefix length	XXX
3-3-15	IPsec	IPsec setting	Active/Inactive
3-3-16	Security Protocol	Security method	ESP/ESP & AH/AH/Blank (Not selected)
3-3-17	Wireless LAN DRX	Discontinuous reception (wireless direct)	Disable
3-3-18	Frequency	Wireless Direct frequency	2.4/5 [GHz]
5	Other Settings	Other settings	-
5-1	Printer Name	Printer name	Printer name
5-2	Wireless Direct DevName	Device name for wireless direct	Device name for wireless direct
5-4	WSD Printing	WSD printing setting	Enable/Disable
5-5	WSD Timeout	Timeout	1/5/10/15/20 [min]
5-6	LPD Printing	LPD printing setting	Enable/Disable
5-7	RAW Printing	RAW printing setting	Enable/Disable
5-9	Bonjour	Bonjour setting	Enable/Disable
5-10	Bonjour Service Name	Bonjour service name	Bonjour service name
5-11	LLMNR	LLMNR setting	Enable/Disable
5-12	SNMP	SNMP setting	Enable/Disable
5-14	DNS Server	Obtain DNS server address automatically	Auto/Manual
5-15	Primary Server	Primary server address	XXX.XXX.XXX.XXX
5-16	Secondary Server	Secondary server address	XXX.XXX.XXX.XXX
5-17	Proxy Server	Proxy server setting	Enable/Disable
5-18	Proxy Address	Proxy address	XXXXXXXXXXXXXXXXXXXXXXX
5-19	Proxy Port	Proxy port specification	1 to 65535

5-20	Cert. Fingerprt(SHA-1)	Certificate fingerprint(SHA-1)	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
5-21	Cert. Fingerprt(SHA-256)	Certificate fingerprint(SHA-256)	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

("XX" represents alphanumeric characters.)



Restoring Printer's LAN Settings to Defaults



»» Important

- Initialization erases all network settings on the printer, making printing operation from a computer over a network impossible. To use the printer over a network again after restoring it to the factory defaults, refer to Setup Guide and redo setup.

Initialize the network setting using the printer's operation panel.

➔ [Reset settings](#)



Default Network Settings



LAN Connection Defaults

Item	Default
Network name(SSID)	BJNPSETUP
Wi-Fi security	Disable
IP address (IPv4)	Auto setup
IP address (IPv6)	Auto setup
Set printer name*	XXXXXXXXXXXXXXXXXX
Enable/disable IPv6	Enable
Enable/disable WSD	Enable
Timeout setting (WSD)	15 min.
Enable/disable Bonjour	Enable
Bonjour service name*	Canon ModelName
LPD settings	Enable
RAW settings	Enable
LLMNR settings	Enable
Wi-Fi DRX setting	Enable

("XX" represents alphanumeric characters.)

* Default value depends on printer. Depending on the model, use operation panel to check value of the printer.

➔ [LAN settings](#)

Wireless Direct Defaults

Item	Default
Network name(SSID)	DIRECT-abXX-ModelName *1 *2

Password	YYYYYYYYYYY *3
Wi-Fi security	WPA2-PSK (AES)
Confirm connection request	Displayed
2.4GHz/5GHz switch	2.4GHz

*1 Default value depends on printer. Depending on the model, use operation panel to check value of the printer.

*2 "ab" is specified at random and "XX" represents last two digits of printer's MAC address. (The value is specified when the printer is turned on for the first time.)

*3 The password is specified automatically when the printer is turned on for the first time.



Connecting with Wireless Direct



You can connect devices (e.g. computer, smartphone, or tablet) to the printer by two methods below.

- Wireless connection (connecting devices via a wireless router)
- Direct wireless connection (connecting devices directly without a wireless router)

This section describes Wireless Direct, which allows you to print by connecting the devices to the printer directly.

▶▶▶ Important

- You can connect up to 5 devices to the printer at the same time with Wireless Direct.
- Check the usage restrictions and connect the printer to the Wireless Direct.
 - ➔ [Restrictions](#)
- Some printers support IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise). If you enable Wireless Direct while IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise) is enabled, IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise) is disabled.

When IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise) is enabled, enable **Administrator mode** so that the Wireless Direct settings cannot be changed.


Connecting a smartphone/tablet/computer to the printer



1. Enable Wi-Fi function on smartphone/tablet/computer.

Enable Wi-Fi in the Settings menu on your smartphone/tablet/computer.

For instructions on enabling the Wi-Fi function, refer to the instruction manual for your smartphone/tablet/computer.

2. Select  (Setup) on **HOME** screen and press **OK** button.
3. Select **LAN settings** and press **OK** button.
4. Select **Wireless Direct** and press **OK** button.

5. Select **Connect to smartphone** and press **OK** button.
6. Select **iPhone/iPad** to connect with an iPhone/iPad, **Android device** to connect with an Android device, and **Others** to connect with other device.

- **iPhone/iPad**

1. Select **QR code** and press **OK** button.
2. Read the displayed QR code with the iPhone/iPad standard camera app or smartphone/



The iPhone/iPad is connected to the printer.

▶▶▶ **Note**

- If the QR code cannot be read, press **Back** button in the screen displayed QR code and connect the printer from **Connect to smartphone > Others**.

- **Android device**

1. Select **QR code** and press **OK** button.
2. Read the displayed QR code with the Android device in one of the following ways.
 - Select network and Wi-Fi on the setting of Android device. Select **Read QR Codes** icon to the right of the **Add network** at the bottom of the list of Wi-Fi connections and read the QR code.
 - Read the displayed QR code with the Android standard camera app or smartphone/



- Read the displayed QR code with a QR code reading app.

The Android device is connected to the printer.

▶▶▶ **Note**

- Wireless Direct using QR code can be used with Android 5.0 or later.
- It is available in Android 10 or later to read QR code from setting and read QR code with the Android standard camera.
- Depending on the smartphone/tablet, QR code may not be readable.
- If the QR code cannot be read, press **Back** button in the screen displayed QR code and connect the printer from **Connect to smartphone > Others**.

- **Others**

1. Select **Next** and press **OK** button.

Network name(SSID) and **Password** are displayed.

▶▶▶ **Note**

- To show the password, select **ON**. To hide the password, select **OFF** and press **OK** button.
- The password is required when connecting smartphone/tablet/computer to the printer.

2. Select "DIRECT-XXXX-ModelName" ("X" represents alphanumeric characters) on your smartphone/tablet/computer.
3. Enter **Password** on smartphone/tablet/computer.

The smartphone/tablet/computer is connected to the printer.

»» Note

- If the printer is set to display a confirmation screen in **Confirm connection request** of [Changing Wireless Direct Setting](#), when the wireless direct compatible device connects to the printer, a confirmation screen asking for permission to connect is displayed on the printer's operation panel.

Make sure the name on the operation panel is the same as that of your wireless communication device and select **Yes**.


You can print from your smartphone or tablet by installing the App. Download it from App Store and Google Play.

- ➔ For iOS device
- ➔ For Android device

Changing Wireless Direct Setting





Change the settings for the Wireless Direct following the procedure below.

1. Check that printer is turned on.
2. Select  (Setup) on **HOME** screen and press **OK** button.
3. Select **LAN settings** and press **OK** button.
4. Select **Wireless Direct** and press **OK** button.

»» Note

- To change the Wireless Direct settings, you need to enable Wireless Direct in advance.
Select **Advanced mode** on the menu screen displayed when selecting **Wireless Direct** and enable Wireless Direct.

5. Select a setting item.

Press   button and scroll down if necessary.

- **Show setting info**

The setting values for using the printer with Wireless Direct are displayed.

- **Change network name (SSID)**

Change the identifier (SSID) for Wireless Direct.

The identifier (SSID) is the printer's name (device name) displayed on a Wireless Direct compatible device.

Follow the procedure below to change the identifier (SSID).

- To set manually
 1. Select **Change manually** and press **OK** button.
 2. Select **Next** and press **OK** button.
 3. Change using the keyboard that appears.
 4. When you have finished making changes, select **OK** and press **OK** button.
- To set automatically
 1. Select **Auto update** and press **OK** button.
 2. Select **Yes** and press **OK** button.

You can check the updated setting.

»» Note

- To show the password, select **ON**. To hide the password, select **OFF** and press **OK** button.

- **Change password**

Change the password for Wireless Direct.

- To set manually
 1. Select **Change manually** and press **OK** button.
 2. Select **Next** and press **OK** button.
 3. Enter the new password (10 characters).

Change using the keyboard that appears.

 4. When you have finished making changes, select **OK** and press **OK** button.
- To set automatically
 1. Select **Auto update** and press **OK** button.
 2. Select **Yes** and press **OK** button.

You can check the updated setting.

»» Note

- To show the password, select **ON**. To hide the password, select **OFF** and press **OK** button.

- **Confirm connection request**

Change the confirmation screen setting when a Wireless Direct compatible device is connecting to the printer.

If you want the printer to display the screen to inform you a Wireless Direct compatible device is connecting to the printer, select **ON**.

»» Important

- To prevent an unauthorized access, we recommend you should select the setting to display the confirmation screen.

• 2.4GHz/5GHz switch

Change the frequency used for Wireless Direct.

When using Wireless Direct (2.4 GHz), there may be a disconnection if there is a Bluetooth speaker nearby. If the printer supports 5 GHz, switching to 5 GHz will reduce the trouble.

»» Note

- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).

Cannot Print from Smartphone/Tablet

If you cannot print from your smartphone/tablet, it is possible that your smartphone/tablet cannot communicate with the printer.

Check the cause of your problem according to the connection method.

- ➔ [Cannot Communicate with Printer via Wi-Fi](#)
- ➔ [Cannot Connect to Printer through Wireless Direct](#)

▶▶▶ Note

- For problems on printing with other connection methods or more on performing settings of each connection method:
 - ➔ Using Cloud Service
 - ➔ Printing from iOS Device (AirPrint)

Cannot Communicate with Printer via Wi-Fi

A

If your smartphone/tablet cannot communicate with the printer, check the following.

Check 1 Check power status of printer, network devices (e.g. wireless router), and your smartphone/tablet.

- Turn on the printer or devices.
- If the power is already turned on, cycle the power.
- It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.


Check 2 Check settings of your smartphone/tablet.

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check 3 Is printer connected to wireless router?

- Check the icon on the top of **HOME** screen of the printer 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.

- Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), 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 settings information or use the operation panel to display it.

- Display on the LCD of the printer.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

▶▶▶ Note

- If you have a computer, Wi-Fi Connection Assistant allows you to diagnose and repair the network status.

Select the link below to download Wi-Fi Connection Assistant and install it.

➔ [Checking Printer Connection Status Using Wi-Fi Connection Assistant](#)

Refer to below in regard to starting up Wi-Fi Connection Assistant.

- For Windows:

➔ [Starting Up Wi-Fi Connection Assistant](#)

- For macOS:

➔ [Starting Up Wi-Fi Connection Assistant](#)

Check 4 Are network settings of your smartphone/tablet identical with those of wireless router?

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.

To check the settings of your smartphone/tablet, refer to the instruction manual provided with it.

If the network settings of your smartphone/tablet are not identical with those of the wireless router, change the network settings of it to match with those of the wireless router.

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.

Check 6 There may be a problem with the signal. 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.

Check the signal strength on the LCD of the printer.

➔ [LCD and Operation Panel](#)

►► Note

- If the web page cannot be printed using an Android device, it may be possible to print it by changing Wireless Direct connection.

➔ [Connecting with Wireless Direct](#)

Q Cannot Communicate with Printer while It Is in Wireless Direct


A

If your smartphone/tablet cannot communicate with the printer in the Wireless Direct, check the following.

Check 1 Check power status of printer and device (e.g. smartphone/tablet).

Turn on the printer or devices.

If the power is already turned on, cycle the power.

Check 2 Check if the  icon is displayed on the top of **HOME** screen of the printer.

If it is not displayed, Wireless Direct is disabled. Please turn on the Wireless Direct.

Check 3 Check settings of your smartphone/tablet.

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check 4 Check that printer is selected as connection for devices (e.g. smartphone/tablet).

Select the network name (SSID) for Wireless Direct 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 network name (SSID) for Wireless Direct specified for the printer, print out the network settings information or use the operation panel to display it.

- Display on the LCD of the printer.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

Check 5 Check that Wireless Direct password set for printer is entered correctly.

To check the password specified for the printer, print out the network settings information or use the operation panel to display it.

- Display on the LCD of the printer.

➔ [LAN settings](#)

- Print the network settings.

➔ [Printing Network Settings](#)

Check 6 Check that printer is not placed too far away from device.

If the distance between the printer and the device is too far, wireless communication becomes poor. Place the printer and the device close to each other.

Check 7 Check that 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.

▶▶▶ Note

- Some printers support IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise). Note that when IEEE802.1X/EAP (WPA/WPA2/WPA3 Enterprise) is set to **Enable**, Wireless Direct is set to **Disable**.
- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).

Printing Problems

- **Printer Does Not Print**
- **Printer Does Not Pick Up or Feed the Paper/"No Paper" Error**
- **Paper Information Registration Screen Does Not Appear When Loading Paper**
- **Paper Information Registration Screen Appears Even Though No Paper Is Loaded**
- **Resolving Print Quality Problems**
- **Change to Offline (Windows)/Cannot Communicate (Windows)**
- **No Ink Level Appears in Canon IJ Status Monitor (Windows)**



Printer Does Not Print



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.

▶▶▶ Note

- If you are printing large data such as photos or other graphics, printing may take longer to start. The **ON** lamp flashes while the computer is processing data and sending it to the printer. Wait until printing starts.

Check 2 Make sure printer is properly connected to computer.

If you are using a USB cable, make sure it is securely connected to both the printer and the computer. When the USB cable is securely plugged in, check the following:

- If you are using a relay device such as a USB hub, disconnect it, connect the printer directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
- There could also be a problem with the USB cable. Replace the USB cable and retry the printing.

If you use the printer with a network connection, make sure the printer is correctly set up for network use.

➔ [Cannot Find Printer on Network](#) (Windows/macOS)

▶▶▶ Note

- Wi-Fi Connection Assistant allows you to diagnose and repair the network status.

Select the link below to download Wi-Fi Connection Assistant and install it.

➔ [Checking Printer Connection Status Using Wi-Fi Connection Assistant](#)

Refer to below in regard to starting up Wi-Fi Connection Assistant.

— **For Windows:**

➔ [Starting Up Wi-Fi Connection Assistant](#)

— **For macOS:**

➔ [Starting Up Wi-Fi Connection Assistant](#)

Check 3 Make sure paper settings match information set for rear tray.

If the paper settings do not match the information set for the rear tray, an error message appears on the operation panel. Follow the instructions on the operation panel to solve the problem.

»»» Note

- You can select whether the message which prevents misprinting is displayed.
 - To change the message view setting when printing using the printer's operation panel:
 - ➔ [Feed settings](#)
 - To change the message view setting when printing using the Printer Driver:
 - ➔ [Changing the Printer Operation Mode](#) (Windows)
 - ➔ [Changing the Printer Operation Mode](#) (macOS)

Check 4 If printing from a computer, delete unnecessary print jobs.

- **For Windows:**

- ➔ [Deleting the Undesired Print Job](#)

- **For macOS:**

- ➔ [Deleting the Undesired Print Job](#)

Check 5 Is your printer's Printer Driver selected when printing?

The printer will not print properly if you are using a printer driver for a different printer.

- **For Windows:**

Make sure "Canon ModelName" is selected in the **Print** dialog box.

»»» Note

- If multiple printers are registered to your computer, set your printer as **Let Windows manage my default printer** so that it is selected by default.
 - ➔ [Default Printer Keeps Changing \(Windows\)](#)

- **For macOS:**

Make sure your printer's name is selected in **Printer** in the Print dialog.

»»» Note

- If multiple printers are registered to your computer, select **Set as Default Printer** from **System Settings > Printers & Scanners** for a printer to make the one selected by default.

Check 6 Are you trying to print a large data file? (Windows)

If you are trying to print a large data file, it takes a long time to start printing.


If the printer does not start printing after a certain period of time, select **On** for **Prevention of Print Data Loss** on the **Print Options** dialog box.

For details, refer to [Page Setup Tab Description](#).

»»» Important

- Selecting **On** for **Prevention of Print Data Loss** may reduce print quality.
- After printing is completed, select **Off** for **Prevention of Print Data Loss**.

Check 7 WSD Printer Driver is enabled, you may not be able to print.

Select  (Setup) on **HOME** screen > **Device settings** > **LAN settings** > **Wi-Fi** > **Advanced** > **WSD setting** in this order, and select **Disable** for **Enable/disable WSD**.

Alternatively, reinstall MP Drivers (Printer Driver).

➔ Set Up

Check 8 If printing from your computer, restart the computer.

Restart the computer and try printing again.

»» Important

- For Windows:

To restart your computer, choose **Restart** instead of **Shut down**.



Printer Does Not Pick Up or Feed the Paper/"No Paper" Error



Check 1 Check the printer is placed on the right spot.

Place the printer on a flat table or similar platform.

Check 2 Is paper loaded in the rear tray?

➔ [Loading Paper](#)

Check 3 When loading paper, consider the following.

- When loading two or more sheets of paper, align the edges of the sheets before loading the paper.
- When loading two or more sheets of paper, make sure the paper stack does not exceed the paper load limit.

However, paper may not feed correctly at the maximum capacity, depending on the type of paper or environmental conditions (very high or low temperature and humidity). In such cases, reduce the amount of paper you load at a time to less than half of the paper load limit.

- Always load the paper in portrait orientation, regardless of the printing orientation.
- When you load the paper on the rear tray, place the print side facing UP, align the paper stack against the right side of the rear tray and slide the paper guide so that it just touches the left edge of the stack.

➔ [Loading Paper](#)

Check 4 Is paper too thick or curled?

➔ [Unsupported Media Types](#)

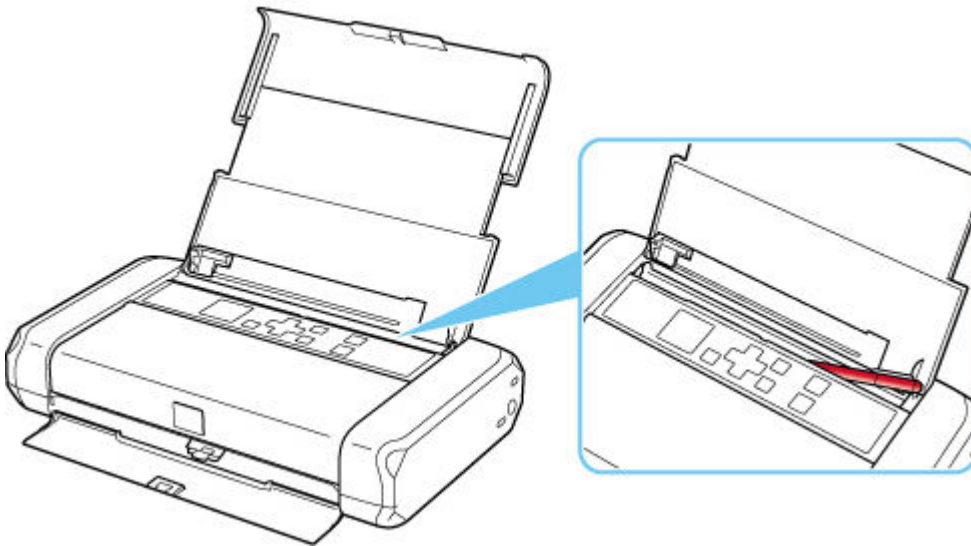
Check 5 When loading envelopes or **Hagaki**, consider the following.

- When printing on envelopes, see [Loading Envelopes](#), and prepare the envelopes before printing.

Once you have prepared the envelopes, load them in portrait orientation. If the envelopes are placed in landscape orientation, they will not feed properly.

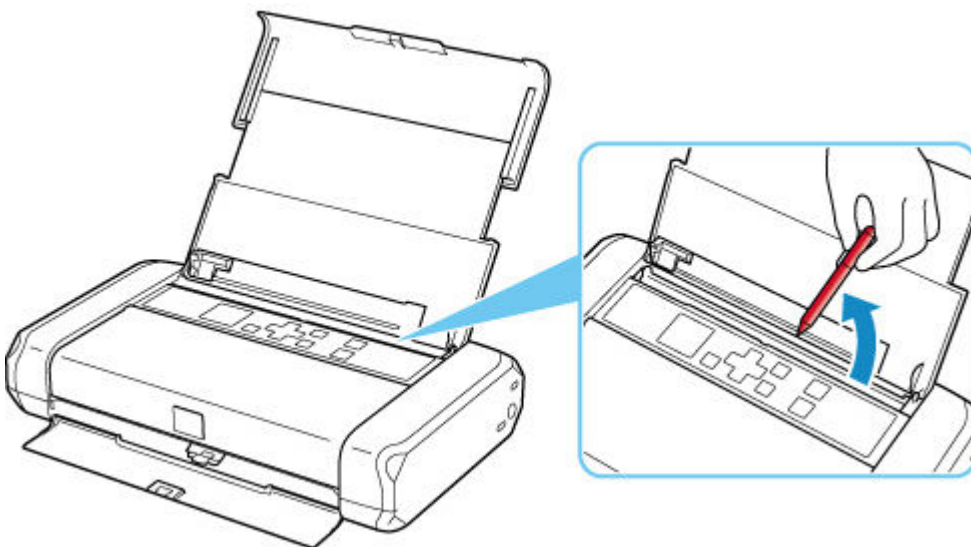
Check 6 Make sure media type and paper size settings match with loaded paper.

Check 7 Make sure that there are not any foreign objects in the rear tray.



If the paper tears in the rear tray, see [List of Support Code for Error \(Paper Jams\)](#) to remove it.

If there are any foreign objects in the rear tray, be sure to turn off the printer, unplug it from the power supply, then remove the foreign object. If you use a battery, turn off the printer, detach the battery, then remove the foreign object.



Check 8 Clean Paper Feed Roller.

➔ [Cleaning Paper Feed Rollers](#)

▶▶▶ Note

- Cleaning the paper feed roller abrades it, so do this only when necessary.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.




Paper Information Registration Screen Does Not Appear When Loading Paper



If the paper information registration screen does not appear when you load paper and you cannot specify the paper size, check the following.

Check 1 Check that **Check paper replacement** is set to **Enable**.

From  (Setup) on **HOME** screen, select **Feed settings > Check paper replacement**. If **Check paper replacement** is set to **Disable**, the paper information registration screen does not appear when paper is loaded. Set to **Enable**.

Check 2 Check that dark colored paper is not loaded.

If dark colored paper, or paper that has already been printed on is loaded, the paper may not be recognized. Select **Feed settings > Rear tray paper settings** and change the paper information directly.

Check 3 Check that paper is loaded correctly.


If the paper is not loaded correctly, the paper may not be recognized. Load the paper correctly.

➔ [Loading Paper](#)



Paper Information Registration Screen Appears Even Though No Paper Is Loaded



If the printer is exposed to very bright light such as direct sunlight, the paper information registration screen may appear regardless of whether or not paper is loaded. Load the paper when the printer is not exposed to bright light, or from  (Setup) on the **HOME** screen, select **Feed settings > Check paper replacement**, and set to **Disable**.



Resolving Print Quality Problems



If the print results are unsatisfactory due to white or black streaks, misaligned/distorted lines, or uneven colors, check the paper and print quality settings first.

Check 1 Make sure print settings match purpose of printing.

From  (Setup) on **HOME** screen, select **Device settings** > **Print settings** and check the following settings.

- **ON** is selected for **Save black ink**.
- A setting other than **All ink tanks** is selected for **Force ink tank selection**.
- **Text only** is selected for **Print target for plain paper**.

When any of the above settings are applied, change the setting as follows.

- Set **Save black ink** to **OFF**.
- Set **Force ink tank selection** to **All ink tanks**.
- Set **Print target for plain paper** to **Text and photos**.

Check 2 Do page size and media type settings match size and type of loaded paper?

If these settings do not match, it is not possible to obtain the proper result.

If you are printing a photograph or an illustration, an incorrect paper type setting may reduce the quality of the printout color.

Also, if you print with an incorrect paper type setting, the printed surface may be scratched.

The method for checking the paper and print quality settings differs depending on your printer.

- **Printing from your computer**

Check the settings using the Printer Driver.

➔ [Basic Printing Setup](#)

- **Printing from your smartphone/tablet using**



Check the settings on the App.

➔ Print Photos from Your Smartphone

Check 3 Make sure appropriate print quality is selected.

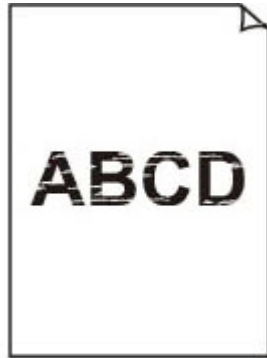
Select a print quality suited to the paper and to what you are printing. If you notice blurs or uneven colors, increase the print quality setting and retry the printing.

Check 3

If problem is not resolved, click on illustration that corresponds to problem.



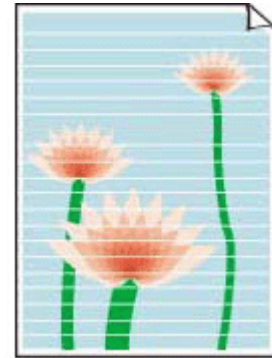
[Ink Does Not Come Out](#)



[Blurry or Fuzzy](#)



[Inaccurate or Bleeding Colors](#)



[White Streaks](#)



[Black Streaks](#)



[Lines Are Misaligned/Distorted](#)



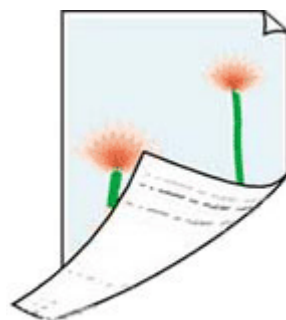
[Paper Is Smudged/
Printed Surface Is Scratched](#)



[Ink Blots/Paper Curl](#)

	Tokyo	London
Jan.	12,000	10,500
Feb.	11,500	10,800
Mar.	13,800	12,800
Apr.	12,000	10,500
May.	11,500	10,800
June	13,800	12,800

[Lines Incomplete or Missing \(Windows\)](#)



[Back of Paper Is Smudged](#)



[Uneven Colors](#)



[Streaked Colors](#)

»» Note

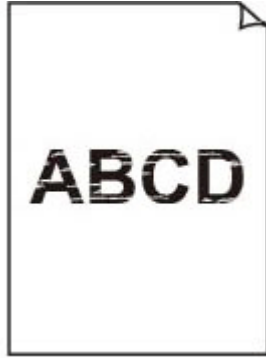
- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).



Ink Does Not Come Out/Blurry or Fuzzy/Inaccurate or Bleeding Colors/Streaks



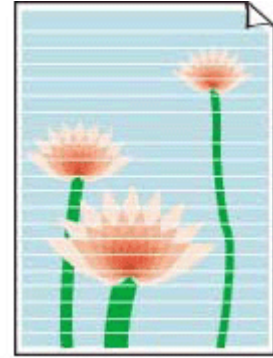
Ink Does Not Come Out



Blurry or Fuzzy



Inaccurate or Bleeding Colors



White Streaks



Black Streaks



▶▶▶ Note

- If printouts are blank, black does not print, is faint, or has a blue or red tint, refer to this web page.

Check 1 Check paper and print quality settings.

➔ [Resolving Print Quality Problems](#)

Check 2 Check status of ink tanks and replace them if ink has run out.

➔ [Replacing Ink Tanks](#)

Check 3 Are the print head nozzles clogged?

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles.

Step 1 Print a nozzle check pattern.

After printing the nozzle check pattern, examine the pattern.

- From the printer
 - ➔ [Printing the Nozzle Check Pattern](#)

If the pattern is not printed correctly, go to the next step.

Step 2 Clean the print head.

After cleaning the print head, print the nozzle check pattern and check the result.

- From the printer
 - ➔ [Cleaning the Print Head](#)

If it still does not improve, go to the next step.

Step 3 Clean the print head again.

After cleaning the print head again, print the nozzle check pattern and check the result.

If it still does not improve, go to the next step.

Step 4 Clean the print head deeply.

After cleaning the print head deeply, print the nozzle check pattern and check the result.

- From the printer
 - ➔ [Deep Print Head Cleaning](#)

If it does not improve, turn off the printer, wait for more than 24 hours without unplugging the power supply, and go to the next step.

Step 5 Clean the print head deeply again.

After cleaning the print head deeply again, print the nozzle check pattern and check the result.

If it still does not improve, go to the next step.

Step 6 Request a repair.

If problem is not resolved after performing print head deep cleaning twice, the print head may be damaged. Contact your nearest Canon service center to request a repair.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see [Performing Maintenance Functions from the Printer](#).

Check 4 When using paper with one printable surface, check the correct printable side of the paper.

Printing on the wrong side of such paper may cause unclear prints or prints with reduced quality.

When you load paper on the rear tray, load paper with the printable side facing up.

Refer to the instruction manual supplied with the paper for detailed information on the printable side.



Lines Are Misaligned/Distorted



▶▶▶ Note

- For the case of misaligned or distortion, refer to this web page.

Check 1 Check paper and print quality settings.

➔ [Resolving Print Quality Problems](#)

Check 2 Perform print head alignment.

If printed lines are misaligned/distorted or print results are otherwise unsatisfactory, adjust the print head position.

➔ [Aligning the Print Head](#)

▶▶▶ Note

- If the problem is not resolved after performing the print head alignment, perform print head alignment manually.

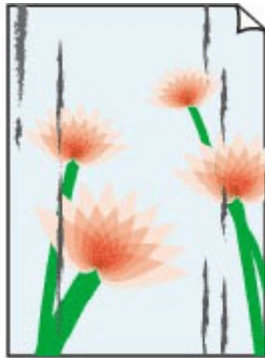
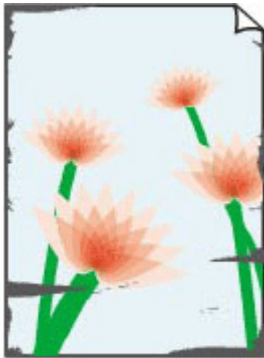
➔ [Aligning the Print Head Manually](#)

Check 3 Increase print quality and try printing again.

Increasing the print quality using operation panel of the printer or from computer may improve the print result.



Printed Surface Is Smudged/Scratched/Ink Blots/Paper Curl



Check 1 Check paper and print quality settings.

➔ [Resolving Print Quality Problems](#)

Check 2 Check paper type.

Make sure you are using the right paper for what you are printing. To print data with high color saturation such as photographs or images with dark colors, we recommend that you use **Photo Paper Plus Glossy II** or other Canon specialty paper.

➔ [Supported Media Types](#)

Check 3 Correct curl before loading paper.

When using **Photo Paper Plus Semi-gloss**, even if the sheet is curled, load one sheet at a time as it is. Rolling this paper in the opposite direction to flatten it may crack the paper surface and reduce the print quality.

We recommend putting unused paper back into the package and storing it flat.

- **Plain Paper:**

Turn the paper over and reload it to print on the other side.

- **Other Paper such as envelope or Hagaki:**

If the paper corners curl more than 0.1 in. / 3 mm (A) in height, the paper may smudge or may not feed properly. Follow the instructions below to correct the paper curl.



1. Roll up paper in opposite direction to paper curl as shown below.

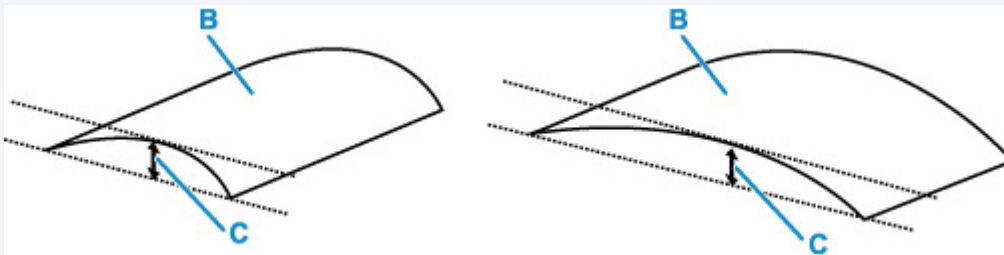


2. Check that paper is now flat.

We recommend printing curl-corrected paper one sheet at a time.

►►► Note

- Depending on paper type, the paper may smudge or may not feed properly even if it is not curled inward. Follow the instructions below to curl the paper outward up to 0.1 in. / 3 mm (C) in height before printing. This may improve the print result.

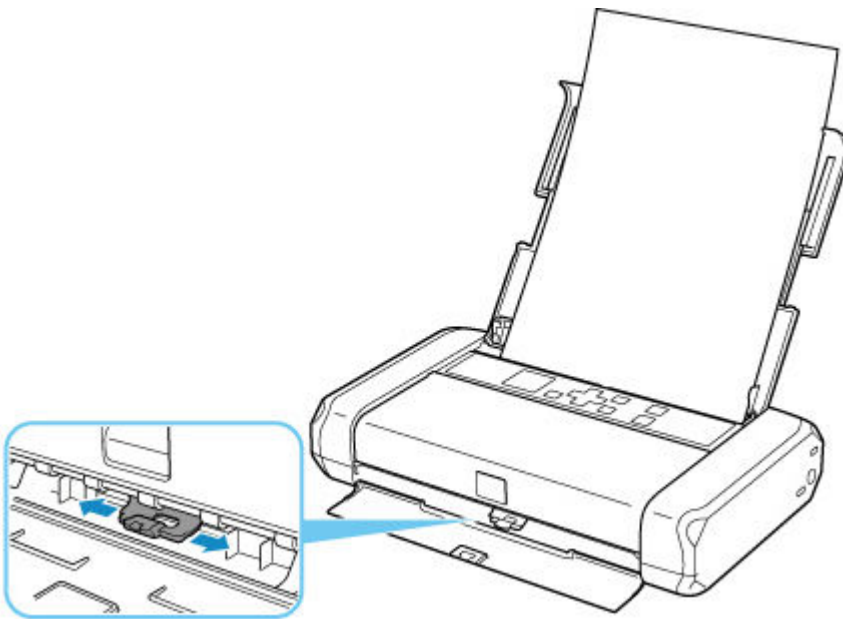


(B) Print side

We recommend feeding paper that has been curled outward one sheet at a time.

Check 4 Is the paper thickness lever set properly?

Adjust the position of the paper thickness lever properly according to the type of paper you are printing on.



See below on how to load paper or the position of the paper thickness lever.

➔ [Loading Paper](#)

Depending on the printing content, the printing surface may become scratched or the corners or edges of the paper may become smudged even for the types of paper to set the lever to the right. In this case, set the paper thickness lever to the left.

Reset the paper thickness lever to the right when you finish printing. If the paper thickness lever is not set back to the right, the inside of the printer is more likely to get dirty due to the wider clearance between the print head and the loaded paper. It may also reduce print quality.

Check 5 If brightness is set low, increase brightness setting and try printing again.

If you are printing with a low brightness setting on plain paper, the paper may absorb too much ink and become wavy, causing paper abrasion.

- Printing from your computer (Windows)

Check the brightness setting in the Printer Driver.

➔ [Adjusting Brightness](#)

Check 6 Do not print outside recommended printing area.

If you print outside the recommended printing area of your paper, ink may stain the lower edge of the paper.

Resize the document using application software.

➔ [Print Area](#)

Check 7 Is paper feed roller dirty?

Clean paper feed roller.

➔ [Cleaning Paper Feed Rollers](#)

▶▶▶ Note

- Cleaning the paper feed roller abrades it, so do this only when necessary.

Check 8 Is inside of printer dirty?

During 2-sided printing, ink may stain the inside of the printer, smudging the printout.

Perform bottom plate cleaning to clean inside of printer.

➔ [Cleaning Inside the Printer \(Bottom Plate Cleaning\)](#)

▶▶▶ Note

- To prevent staining inside the printer, be sure to set the correct paper size.

Check 9 Set longer ink drying time.

This allows the printed surface to dry, preventing smudges and scratches.

• For Windows:

Set the waiting time using Remote UI.

1. Open **Remote UI** on the web browser of your device.
 - ➔ Configuration Changes / Display Printer Status Using Web Browser
2. Select **Log in** on Remote UI.

▶▶▶ Note

- If you specify the administrator password, enter the password.

3. Select **Printer settings**.
4. Select **Ink drying wait time**.

• For macOS:

Set the waiting time using Remote UI.

➔ [Opening Remote UI for Maintenance](#)



Lines Incomplete or Missing (Windows)

	Tokyo	London
Jan.	12,000	10,500
Feb.	11,500	10,800
Mar.	13,800	12,800
Apr.	12,000	10,500
May.	11,500	10,800
June	13,800	12,800



Check 1 Are you using Page Layout Printing or Binding Margin function?

When the Page Layout Printing or Binding margin function is in use, thin lines may not be printed. Try thickening the lines in the document.

Check 2 Are you trying to print a large data file? (Windows)

If you are trying to print a large data file, printing may not be performed properly due to missing print data.

Select **On** for **Prevention of Print Data Loss** on the **Print Options** dialog box of the Printer Driver.

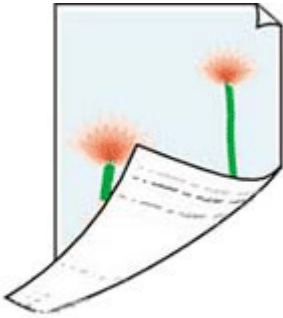
For details, refer to [Page Setup Tab Description](#).

Important

- Selecting **On** for **Prevention of Print Data Loss** may reduce print quality.
- After printing is completed, select **Off** for **Prevention of Print Data Loss**.



Back of Paper Is Smudged



Check 1 Check paper and print quality settings.

➔ [Resolving Print Quality Problems](#)

Check 2 Perform bottom plate cleaning to clean inside of printer.

➔ [Cleaning Inside the Printer \(Bottom Plate Cleaning\)](#)

▶▶▶ Note

- During 2-sided printing, or too much printing, ink may stain the inside of the printer.



Uneven or Streaked Colors



Check 1 Increase print quality and try printing again.

Increasing the print quality using operation panel of the printer or from computer may improve the print result.

Check 2 Perform print head alignment.

➔ [Aligning the Print Head](#)

▶▶▶ Note

- If the problem is not resolved after performing the print head alignment, perform print head alignment manually.

➔ [Aligning the Print Head Manually](#)



Change to Offline (Windows)/Cannot Communicate (Windows)




If the printer cannot communicate with the computer, an error message "Offline" may be displayed when printing. To bring the printer back online, try the following.

1. Check the connection (USB/Wi-Fi).

For USB connection:

Make sure that the USB-connected printer is recognized by the computer.

For Wi-Fi connections:

Make sure that  icon appears on the printer's LCD.

2. Turn off printer and then turn it on again.

Confirm that the offline mode has been disabled. If the printer is still offline, proceed to the next step.

3. Check the name of the MP Drivers (Printer Driver).

Check the names of the printer and MP Drivers (Printer Driver) match. From Windows 10, the management method of the printer that is normally used has changed. Set the MP Drivers (Printer Driver) of the printer you are using as **default**.

- ➔ Default Printer Keeps Changing (Windows)

Confirm that the offline mode has been disabled. If the printer is still offline, proceed to the next step.

4. Make sure that printer is not set to **Use Printer Offline** mode.

For Windows 11:

1. Open Set Printers & scanners.
2. Click the name of printer you want to configure.

3. Click **Print settings**.

Print settings window opens.

4. Click **Maintenance** sheet.

5. Click **View Printer Status**.

The Canon IJ Status Monitor window is displayed.

6. Click **Display Print Queue** of the Canon IJ Status Monitor window.

The Print Queue window is displayed.

7. Click **Printer** menu in the window displayed.

Make sure **Use Printer Offline** is not selected.

If it is selected, click **Use Printer Offline** to deselect it.

Confirm that the offline mode has been disabled. If the printer is still offline, proceed to the next step.

For Windows 10:

1. Open Set Printers & scanners.

2. Click the name of printer you want to configure, and select **Open queue**.

The Print Queue window is displayed.

3. Click **Printer** menu in the window displayed.

Make sure **Use Printer Offline** is not selected.

If it is selected, click **Use Printer Offline** to deselect it.

Confirm that the offline mode has been disabled. If the printer is still offline, proceed to the next step.

5. For Wi-Fi connections, use Wi-Fi Connection Assistant to change settings.

Diagnose and repair the network connections using Wi-Fi Connection Assistant.

Download Wi-Fi Connection Assistant from the below page, and install it on your computer.

- ➔ [Checking Printer Connection Status Using Wi-Fi Connection Assistant](#)

Refer to below in regard to starting up Wi-Fi Connection Assistant.

- ➔ [Starting Up Wi-Fi Connection Assistant](#)

Confirm that the offline mode has been disabled. If the printer is still offline, proceed to the next step.

6. Uninstall MP Drivers (Printer Driver) and reinstall MP Drivers (Printer Driver).

If your MP Drivers (Printer Driver) version is old or not installed correctly, you may not be able to print.

Confirm that the offline mode has been disabled. If the printer is still offline, proceed to the next step.

7. Restart computer.

The computer may be unstable for some reason. Restart the computer and try to print.

▶▶▶ Important

- To restart your computer, choose **Restart** instead of **Shut down**.

Mechanical Problems

- **Printer Does Not Turn On**
- **Printer Turns Off Unexpectedly or Repeatedly**
- **USB Connection Problems**
- **Switching Printer's Connection to Network or Devices**
- **Wrong Language Appears in Operation Panel**



Printer Does Not Turn On



Check 1 Press **ON** button.

➔ [Turning the Printer On and Off](#)

Check 2 Make sure power cord is securely connected to printer, and then turn on again.

Check 3 Unplug printer, leave it for at least 2 minutes, and then plug it back in and turn on again.

Check 4 When you use battery, check battery level.

Make sure that the battery level indicator lights when you press the battery level button.

When you run the printer with the battery, it must be charged sufficiently. If the battery level is low, you can charge the battery by connecting the AC adapter to the printer. Or replace with a charged battery.

▶▶▶ Important

- If the battery is discharged too much, it cannot be charged by USB connection. Charge the battery with the AC adapter.
- When charging by USB connection, charging is interrupted if the printer is turned on. When charging with the AC adapter, charging can be continued regardless of the power status. However, charging is interrupted when you start printing.

If this does not solve the problem, contact your nearest Canon service center to request a repair.



Printer Turns Off Unexpectedly or Repeatedly




Check If printer is set to turn off automatically after a certain time, disable this setting.

If you have set the printer to turn off automatically after a specified time, the power will shut off by itself once that time has elapsed.

▶▶▶ Note

- You can cancel the automatic power off setting only when using the AC adapter.

1. Check that printer is turned on.
2. Select  (Setup) on **HOME** screen and press **OK** button.
3. Select **Device settings** and press **OK** button.
4. Select **Other device settings** and press **OK** button.
5. Select **ECO settings** and press **OK** button.
6. Select **Energy saving settings** and press **OK** button.
7. Check displayed message and press **OK** button.
8. Select **Auto power off** and press **OK** button.
9. Select **Using AC adapter** and press **OK** button.
10. Select **Never** and press **OK** button.

The setting to shut off the power automatically is disabled.

▶▶▶ Note

- If this setting is changed, power consumption may increase.



USB Connection Problems



If the printer connected to the computer via USB is not recognized, check the following items.

➔ [USB Connection Not Recognized](#)

The following problems may occur even though the USB connection is recognized.

- Printing is slow.
- Hi-Speed USB connection does not work.
- A message such as "**This device can perform faster**" appears (Windows).

If the above is the case, check the following.

➔ [USB Connection Does Not Work Properly](#)

➔➔➔ **Note**

- If your system environment does not support Hi-Speed USB, the printer operates at the slower speed of Full-Speed or Low-Speed. In this case, the printer works properly but printing speed may slow down due to the communication speed.

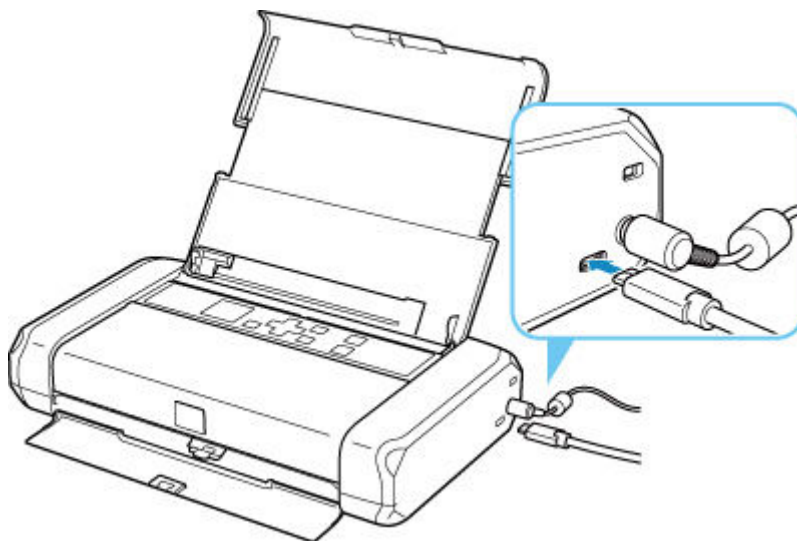
USB Connection Not Recognized

Check 1 Make sure printer is turned on.

➔ [Turning the Printer On and Off](#)

Check 2 Unplug the USB cable from the printer and the computer, and then connect it again.

As the illustration below, the USB port is on the side of the printer.



▶▶▶ Important

- Connect the "Type-C" connector to the printer.

Check 3 Check that **Enable bidirectional support** is selected in **Ports** sheet of **Printer properties** dialog box (Windows).

If not, select it to enable bidirectional support.

➔ [Opening Printer Driver's Setup Screen](#)

Check 4 Initialize the printer settings.

Select  (Setup) on **HOME** screen > **Device settings** > **Reset settings** > **Reset all**.

➔ [Reset settings](#)

After initializing the printer settings, redo setup.

Refer to Setup Guide and redo setup.

USB Connection Does Not Work Properly

Check Follow the items below to make sure your system environment supports Hi-Speed USB connection.

- The types of USB cables that can be used differ depending on your printer. Check the shape of the USB port of the printer.
 - ➔ [What Is USB Cable?](#)
- Does the USB port on your computer support Hi-Speed USB connection?
- Does the USB cable or the USB hub support Hi-Speed USB connection?

Be sure to use a certified Hi-Speed USB cable. We recommend that the USB cable be no longer than 10 feet / 3 meters or so.

- Is the Hi-Speed USB driver working properly on your computer?

Make sure the latest Hi-Speed USB driver is working properly and install the latest version of the Hi-Speed USB driver for your computer, if necessary.

▶▶▶ Important





- For more information, contact the manufacturer of your computer, USB cable, or USB hub.



Wrong Language Appears in Operation Panel



Follow the instructions below to select your language.

1. Press **Back** button repeatedly until the **HOME** screen is displayed.
2. Select  (Setup) on **HOME** screen and press **OK** button.
3. Press  button once and press **OK** button.
4. Press  button three times and press **OK** button.
5. Use  button to select language for LCD and press **OK** button.
The desired language appears.
6. Press **OK** button.

Installation and Download Problems

- **Failed to MP Drivers (Printer Driver) Installation (Windows)**
- **Cannot Proceed Beyond Printer Connection Screen (Cannot Find Printer Connected via USB)**
- **Updating MP Drivers (Printer Driver) in Network Environment (Windows)**
- **Disable Function to Send Usage Information of Printer**



Failed to MP Drivers (Printer Driver) Installation (Windows)



If the MP Drivers (Printer Driver) were not installed correctly, make sure that all **Windows Update** have been applied. If all **Windows Update** have not been applied, apply all **Windows Update**.

After confirming **Windows Update**, perform the following operations to install the MP Drivers (Printer Driver).

1. Open screen to uninstall MP Drivers (Printer Driver).

For Windows 11:

Open Installed apps.

For Windows 10:

Open Apps & features.

For Windows 8.1 / Windows 7:

Select **Control Panel > Programs and Features**.

2. Check if there is "Canon XXX series Driver" or "Canon XXX series Printer Driver" you want to install in list.

"XXX" is the printer's model name.

3. If you find MP Drivers (Printer Driver) for printer you want to install, uninstall it.

If not found, proceed to the next step.

4. Restart computer.

After restarting, install the latest MP Drivers (Printer Driver).

»» Important

- For Windows:

To restart your computer, choose **Restart** instead of **Shut down**.

»» Note

- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating

procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).



Cannot Proceed Beyond Printer Connection Screen (Cannot Find Printer Connected via USB)



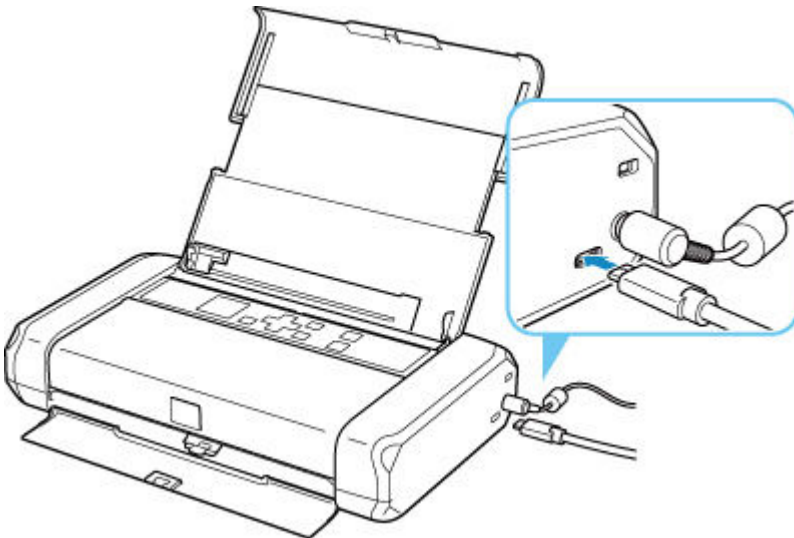
▶▶▶ Note

- For the case of connecting with a USB cable, refer to this web page.

If you cannot proceed beyond the **Printer Connection** 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 of the printer.



▶▶▶ Important

- Connect the "Type-C" connector to the printer.

Check 2 Follow procedure below to connect printer and computer again.

1. Unplug USB cable from printer and computer and connect it again.
2. Make sure no printer operation is in progress and turn off.
3. Turn on printer.

Check 3 Follow the steps below to install MP Drivers (Printer Driver) again.

1. Download the latest MP Drivers (Printer Driver).

2. Turn off printer.

3. Restart computer.

After restarting, install the latest MP Drivers (Printer Driver) downloaded in step 1.

»» Important

- When installing the MP Drivers (Printer Driver), make sure you select the correct printer name.
- For Windows:

To restart your computer, choose **Restart** instead of **Shut down**.



Updating MP Drivers (Printer Driver) in Network Environment (Windows)



Download the latest MP Drivers (Printer Driver) in advance.

Download the latest MP Drivers (Printer Driver) for your model on the download page of the Canon website.

After the download is completed, overwrite and install the new version of the MP Drivers (Printer Driver) according to the specified installation procedure.

Note

- The network settings on the printer are not affected, so the printer can be used on the network without redoing settings.
- This web page contains information about several models. Depending on the specifications of the printer you are using, some of the features described (device functions, connection method, operating procedure and etc.) may not apply. For details about the functions of your printer, see [Product Specifications](#).

Errors and Messages

- **When Error Occurred**
- **Message Is Displayed**

When Error Occurred

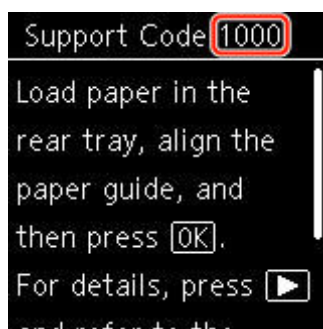
If an error occurs in printing, for example if the paper runs out or jams, a troubleshooting message appears automatically. For some errors, a support code (error number) is also displayed.

Take the appropriate action described in the message.

When a Support Code and a Message are displayed on the Computer Screen (Windows):



When a Support Code and a Message are displayed on the Printer's LCD:



For details on how to resolve errors with Support Codes, see [List of Support Codes for Printer Errors](#).

For details on how to resolve errors without Support Codes, see [Message Is Displayed](#).

Message Is Displayed

This section describes some of the messages that may appear.

If a message appears on the printer's LCD, see below.

➔ [Message Appears on Printer's LCD](#)

If a message appears on the computer, see below.

- ➔ [Error Regarding the Paper Thickness Lever Is Displayed \(Windows\)](#)
- ➔ [Error Regarding Power Cord Being Unplugged Is Displayed \(Windows\)](#)
- ➔ [Writing Error/Output Error/Communication Error \(Windows\)](#)
- ➔ [Other Error Messages \(Windows\)](#)

Message Appears on Printer's LCD

Check the message and take an appropriate action.

- **Power was not turned off correctly the last time. Press  when turning power off.**

While the power was still on, the printer may have been unplugged or the battery power supply may have stopped by the exhausted battery.

Press the printer's **OK** button to cancel the error.

➤➤➤ Note

- See [Turning the Printer On and Off](#) to unplug the power cord correctly.
- See Using the Battery for how to use the battery.

- **Cannot connect to the server. Please wait a while and try again.**

The printer cannot connect to the server due to a communication error.

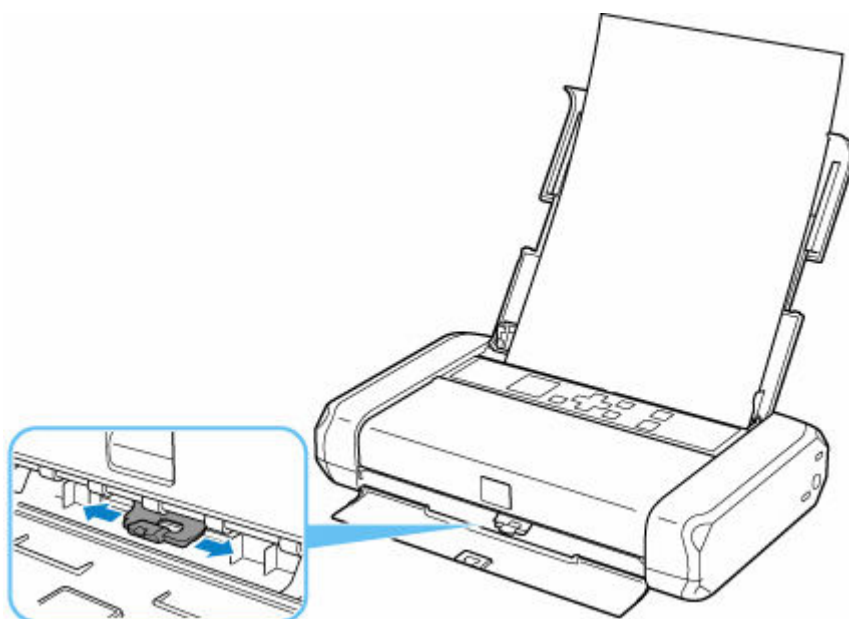
Press the printer's **OK** button to cancel the error and try again after a while.

Error Regarding the Paper Thickness Lever Is Displayed (Windows)

The proper position of the paper thickness lever varies depending on the type of paper you are printing on.

Set the paper thickness lever to the left when printing on envelopes. Set the paper thickness lever to the right when printing on paper other than envelopes.

Adjust the position of the paper thickness lever properly, then click **OK** on the screen.



Error Regarding Power Cord Being Unplugged Is Displayed (Windows)

While the power was still on, the printer may have been unplugged or the battery power supply may have stopped by the exhausted battery.

Check the error message that appears on the computer and click **OK**.

The printer starts printing.

►►► Note

- See [Turning the Printer On and Off](#) to unplug the power cord correctly.
- See [Using the Battery](#) for how to use the battery.

Writing Error/Output Error/Communication Error (Windows)

Check 1 If **ON** lamp is off, press printer's **ON** button.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Check 2 Make sure printer is properly connected to computer.

If you are using a USB cable, make sure it is securely connected to both the printer and the computer. When the USB cable is securely plugged in, check the following:

- If you are using a relay device such as a USB hub, disconnect it, connect the printer directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
- There could also be a problem with the USB cable. Replace the USB cable and retry the printing.

If you use the printer over a LAN, make sure the printer is correctly set up for network use.

Check 3 Make sure Printer Driver is installed correctly.

Refer to [Updating the Driver](#) to uninstall unnecessary drivers and install the latest drivers.

Check 4 When printer is connected to your computer with a USB cable, check device status from your computer.

Follow the procedure below to check the device status.

1. Select **Control Panel > Hardware and Sound > Device Manager**.

»»» Note

- If the **User Account Control** screen appears, select **Yes**.

2. Open **USB Printing Support Properties**.

Double-click **Universal Serial Bus controllers** and **USB Printing Support**.

»»» Note

- If **USB Printing Support Properties** screen does not appear, make sure the printer is correctly connected to the computer.

➔ **Check 2** [Make sure printer is properly connected to computer.](#)

3. Click **General** tab and check for a device problem.

If a device error is shown, see Windows Help to resolve it.

Other Error Messages (Windows)

Check If an error message appears outside printer status monitor, check the following:

- **"Could not spool successfully due to insufficient disk space"**

Delete any unnecessary files to increase the amount of free space on the disk.

- **"Could not spool successfully due to insufficient memory"**

Close other applications to increase the available memory.

If you still cannot print, restart your computer and retry the printing.

- **"Printer driver could not be found"**

Refer to [Updating the Driver](#) to uninstall unnecessary drivers and install the latest drivers.

- **"Could not print Application name - File name"**

Try printing again once the current job is complete.

When Error Occurred

If an error occurs in printing, for example if the paper runs out or jams, a troubleshooting message appears automatically. For some errors, a support code (error number) is also displayed.

Take the appropriate action described in the message.

When a Support Code and a Message are displayed on the Computer Screen (Windows):



Canon **MF101** series - **1000**

Support Code: **1000**

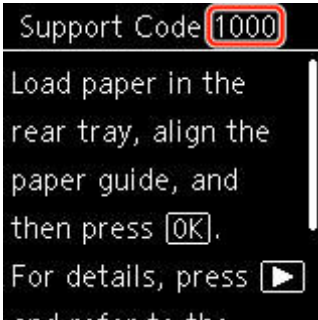
Paper has run out.
Media Type: Plain Paper
Page Size: A4

1. Load paper into the rear tray correctly.
2. Press the printer's OK button.

If Error Persists

Cancel Printing

When a Support Code and a Message are displayed on the Printer's LCD:



Support Code **1000**

Load paper in the rear tray, align the paper guide, and then press **[OK]**.

For details, press **[▶]**

and refer to the

For details on how to resolve errors with Support Codes, see [List of Support Codes for Printer Errors](#).

For details on how to resolve errors without Support Codes, see [Message Is Displayed](#).

List of Support Codes for Printer Errors

Support codes are displayed on the printer's LCD and your computer screen when errors occur.

A "support code" is an error number, and is displayed along with an error message.

When an error occurs, check the support code and take the appropriate action in response.

Support Code Appears on Printer's LCD and Computer Screen

- **1000 to 1ZZZ**

[1000](#) [1200](#) 1300 [1401](#) 1403 1405 1410 1411 15A1 15A2 [1600](#) [1660](#)
1681 [1687](#) [1688](#) [1689](#) [1700](#) 1701 [1806](#) [1807](#)

- **2000 to 2ZZZ**

[2114](#) 21F0 2500

- **3000 to 3ZZZ**

3440 3441 3442 3443 3444 3445 3446 3447 3456

- **4000 to 4ZZZ**

[4103](#) 4104 410B 410C 495A

- **5000 to 5ZZZ**

[5100](#) [5200](#) 5400 5700 [5B00](#) 5B01 5C00

- **6000 to 6ZZZ**

[6000](#) 6500 6502 6800 6801 6830 6831 6832 6833 6900 6901 6902
6910 6930 6931 6932 6933 6940 6941 6942 6943 6944 6945 6946
6A00 6D01

- **7000 to 7ZZZ**

7500 7600 7700 7800

- **A000 to ZZZZ**

A000 A100

»» Note

- If the paper is not jammed (the support code is not displayed) and the paper is not fed normally, see [List of Support Codes for Printer Errors \(Paper Jams\)](#).

List of Support Codes for Printer Errors (Paper Jams)

If paper jams, remove it following the appropriate procedure as shown below.

- If you can see the jammed paper at the paper output slot or the rear tray:
 - ➡ 1300
- If you cannot see the jammed paper at the paper output slot or the rear tray:
 - If the paper tears and you cannot remove it from the paper output slot or if the paper is jammed inside the printer:
 - ➡ [Paper Is Jammed inside Printer](#)
 - If the narrow width paper such as card size paper is jammed because it was loaded in the landscape orientation:
 - ➡ Small Size Paper Is Jammed inside Printer
- Cases other than above:
 - ➡ Other Cases

Paper Is Jammed inside Printer

If the jammed paper tears and you cannot remove the paper from the paper output slot / the rear tray, or if the jammed paper remains inside the printer, remove the paper following the instructions below.

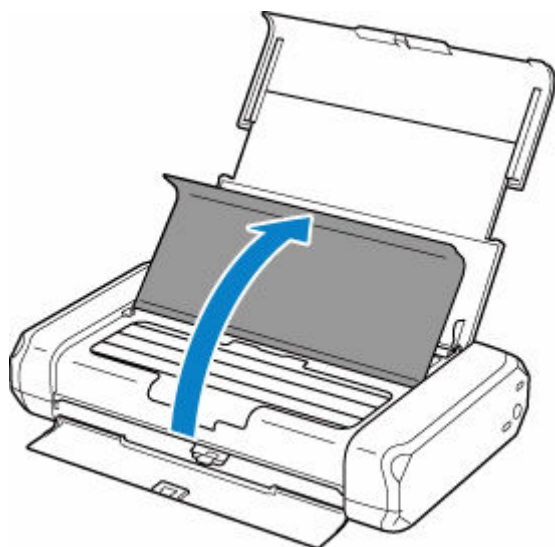
▶▶▶ Note

- If paper becomes jammed during printing and you need to turn off the printer to remove it, press the printer's **Stop** button to stop the printing before you turn off the printer.
- If the narrow width paper such as card size paper is jammed because it was loaded in the landscape orientation, remove the jammed paper following the procedure below.
 - ➔ Small Size Paper Is Jammed inside Printer

1. Turn off the printer and unplug it.

If you use a battery, turn off the printer, then detach the battery.

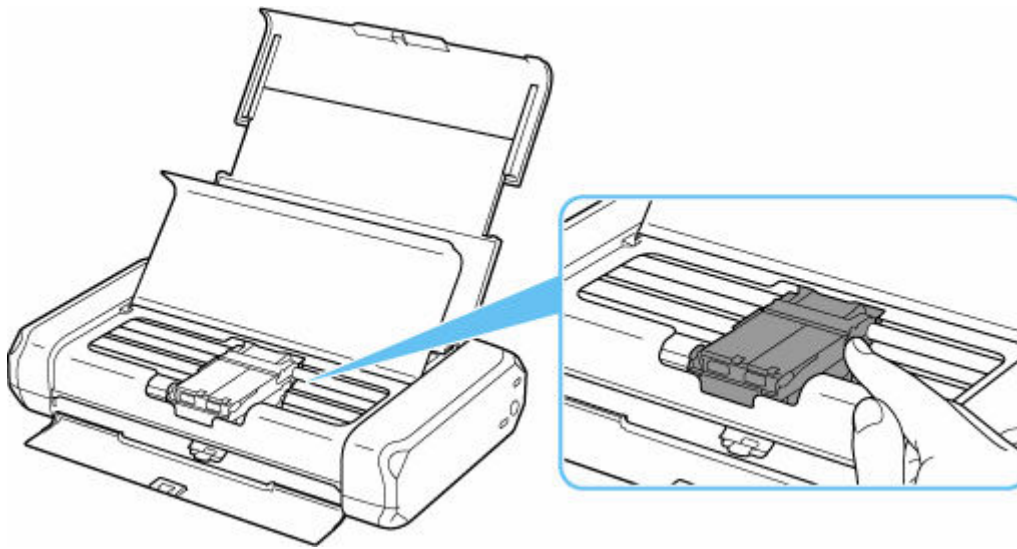
2. Open print head cover.



3. Check if jammed paper is under print head holder.

If the jammed paper is under the print head holder, move the print head holder to the far right or left, whichever makes it easier to remove the paper.

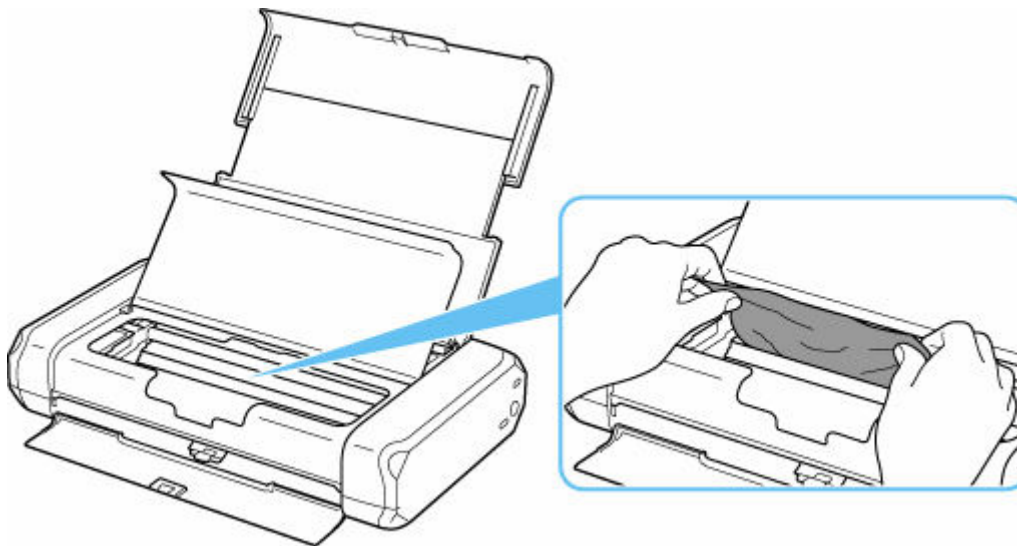
When you move the print head holder, press either the right side or the left side of the print head holder with your fingertips and slide the print head holder slowly to the right edge or the left edge.



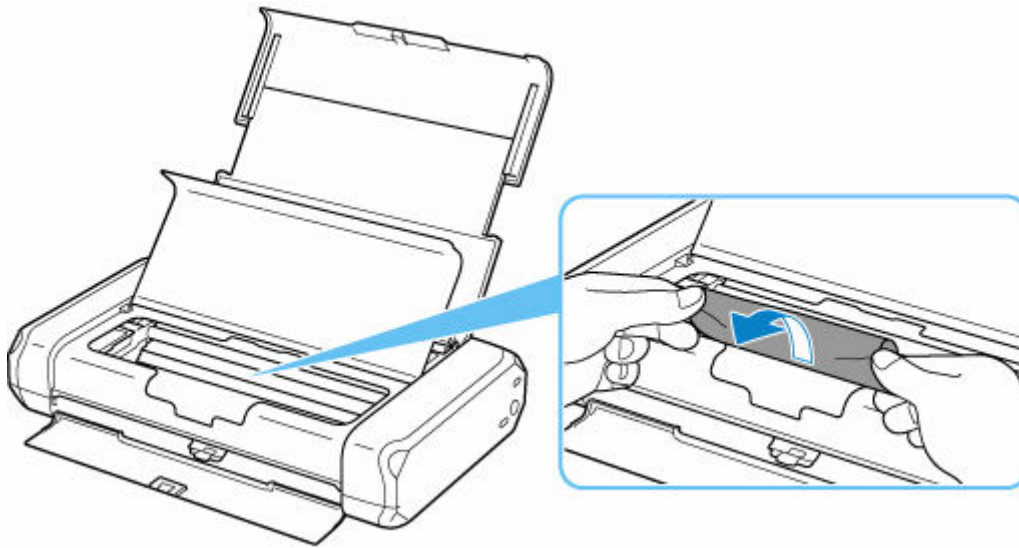
»» Important

- When you move the print head holder, do not touch the print head lock lever.

4. Hold jammed paper firmly in both hands.

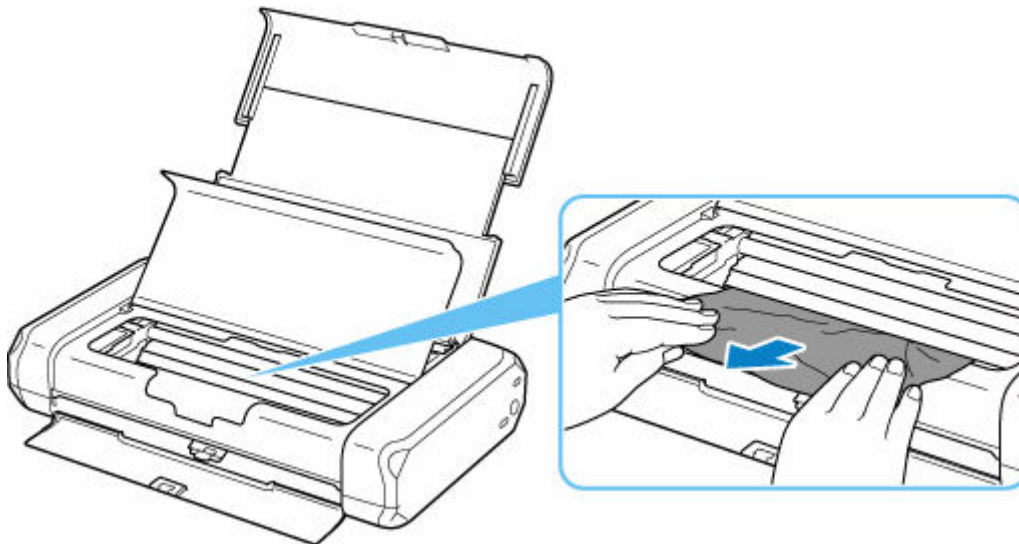


If the paper is rolled up, pull out it.



5. Slowly pull out paper, so as not to tear it.

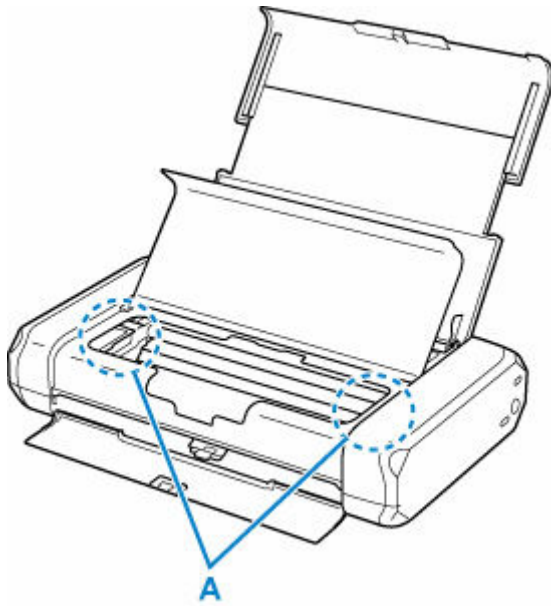
Keep an angle of the paper about 45 degrees and pull it slowly.



6. Make sure all jammed paper is removed.

If the paper tears when you pull out it, a bit of paper may remain in the printer. Check the following and remove any remaining paper.

- Any paper left under the print head holder?
- Any small bits of paper left in the printer?
- Any paper left in the left and right empty spaces (A) in the printer?



7. Close print head cover gently.

All jobs in the print queue are canceled. Redo the printing.

▶▶▶ Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly. If a paper jam message appears on the printer's LCD or on your computer screen when you resume printing after removing all the jammed paper, there may be some paper still inside the printer. Check the printer again for any remaining bits of paper.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Printer Is Out of Paper (1000)

Cause

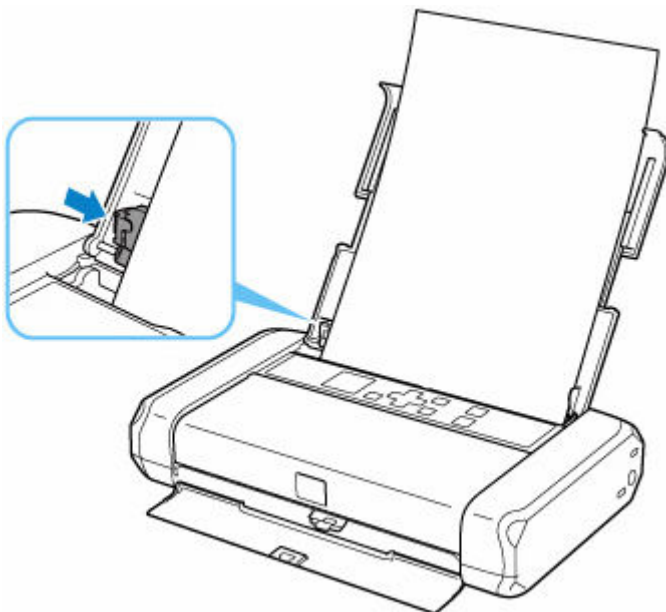
Possible causes include the following.

- There is no paper in the rear tray.
- Paper is not loaded in the rear tray properly.

What to Do

Take the corresponding actions below.

- Load paper in the rear tray.
 - ➔ [Loading Photo Paper / Plain Paper](#)
 - ➔ [Loading Envelopes](#)
- Align the paper guides of the rear tray with both edges of the paper.



- Set paper information for the paper in the rear tray.
 - ➔ [Paper Settings](#)

After carrying out the above measures, press the printer's **OK** button to cancel the error.

➤➤ Note

- To cancel printing, press the printer's **Stop** button.

1200

Cause

Print head cover is open.

What to Do

Close the print head cover and wait for a while.

Do not forget to close it, such as after replacing ink tanks.

»» Important

- When you replace the ink tank, do not touch the print head lock lever.

Cause

Print head is not installed or the installed print head is not appropriate.

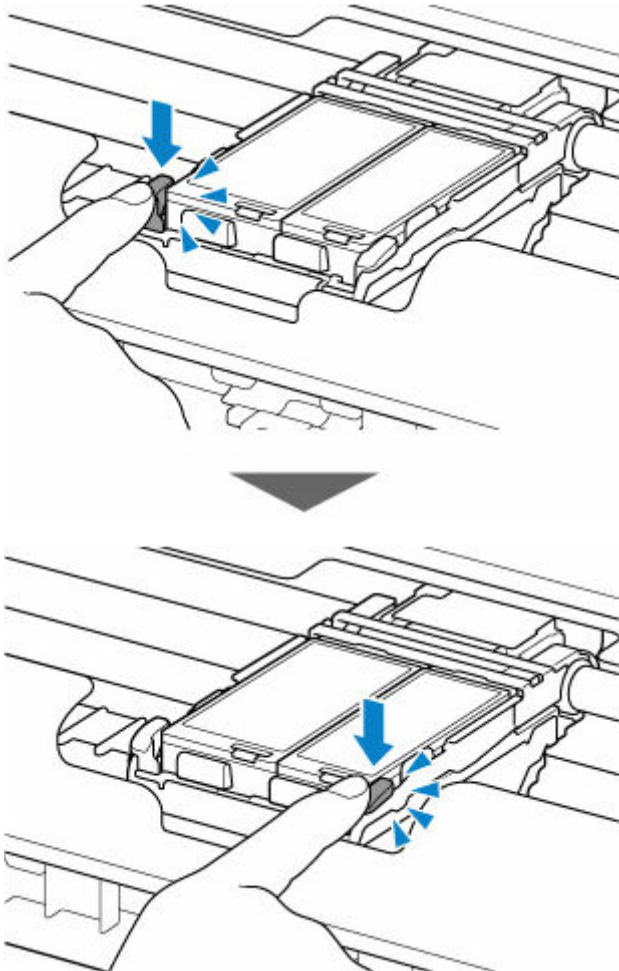
What to Do

Open the print head cover and take the corresponding actions below.

- If the print head is not installed, install it.
- Push both tabs of the print head lock lever and make sure that both tabs are locked securely.

Push both tabs of the print head lock lever until each clicks into place.

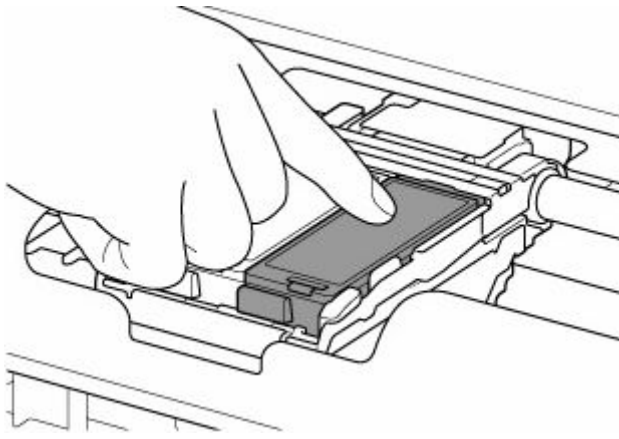
Push in the order of the left and right lever.



- Make sure that the ink tank is installed properly.

If the ink lamp is off, push down on the "Canon" logo on the ink tank.

If the front (innermost) part of the ink tank is sticking up, push the ink tank until it clicks into place.



- Make sure that the ink lamp lights.

After taking the corresponding actions, close the print head cover.

If the error is still not resolved, the print head may be damaged. Contact your nearest Canon service center to request a repair.

1600

Cause

If the lamp on the ink tank is flashing, ink may have run out.

What to Do

Replacing the ink tank is recommended.

If printing is in progress and you want to continue printing, press the printer's **OK** button with the ink tank installed. Then printing can continue. Replacing the ink tank is recommended after the printing. The printer may be damaged if printing is continued under the ink out condition.

▶▶ Note

- If multiple ink lamps are flashing red, check the status of each ink tank.

1660

Cause

The ink tank is not installed.

What to Do

Install the ink tank.

Cause

The print head lock lever is not locked or an ink tank is installed improperly.

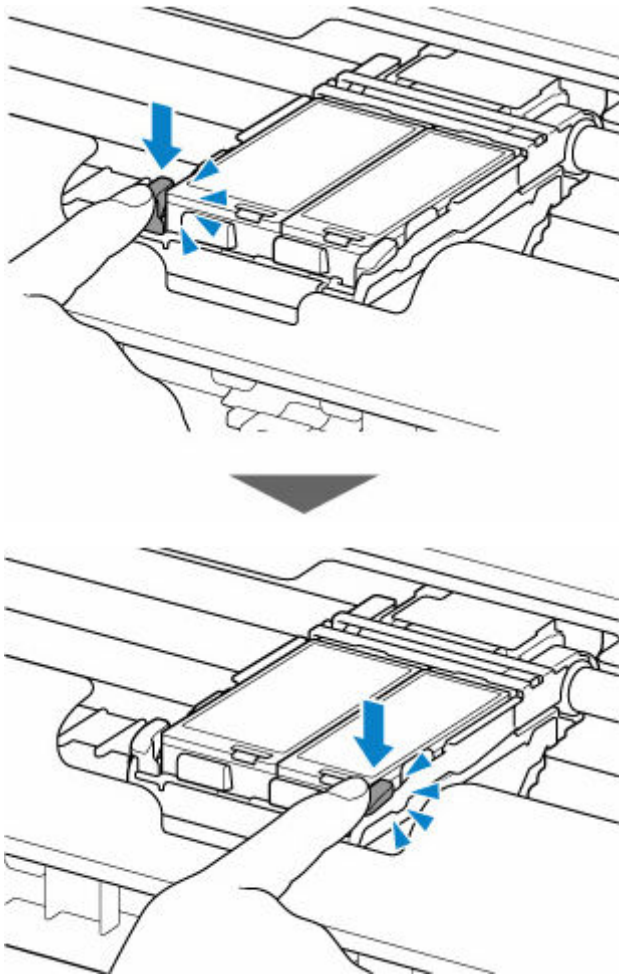
What to Do

Open the print head cover, then take the corresponding actions below.

- Push both tabs of the print head lock lever and make sure that both tabs are locked securely.

Push both tabs of the print head lock lever until each clicks into place.

Push in the order of the left and right lever.



- Make sure that the ink tank is installed properly.

If the ink lamp is off, push down on the "Canon" logo on the ink tank.

If the front (innermost) part of the ink tank is sticking up, push the ink tank until it clicks into place.

- Make sure that the ink lamp lights.

After taking the corresponding actions, close the print head cover.

Cause

Ink has run out. (The lamp on the ink tank flashes.)

What to Do

Replace the ink tank and close the print head cover.

Printing under the current condition may damage the printer.

If you want to continue printing in this condition, you need 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.

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 which may be caused by continuation of printing under the ink out condition.

▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank is displayed in gray on the Estimated ink levels screen on the LCD.

Cause

The remaining ink level cannot be correctly detected.

What to Do

Replace the ink tank and close the print head cover.

Printing with an ink tank that was once empty may damage the printer.

If you want to continue printing in this condition, you need 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.

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 machine malfunction or damage caused by using refilled ink tanks.

▶▶ Note

- If the function for detecting the remaining ink level is disabled, the ink tank is displayed in gray on the Estimated ink levels screen on the LCD.

1700

Cause

Ink absorber is almost full.

What to Do

Press the printer's **OK** button to continue printing. Contact your nearest Canon service center to request a repair.

▶▶ Note

- In the case of warnings or errors caused by remaining ink levels, the printer cannot print.

1806

Cause

The battery's temperature is outside the operating temperature range (either too high or too low).

What to Do

Press the printer's **OK** button to cancel the error.

The battery cannot be used until the battery's temperature returns to within the operating temperature range. Continue using the printer with the AC adapter.

►► Important

- If you unplug the AC adapter in this state, the printer will turn off.

1807

Cause

The battery's temperature is outside the operating temperature range (either too high or too low).

What to Do

Wait for the battery's temperature to return to within the operating temperature range as the battery cannot be charged when it is outside of the range.

The battery will start charging once it's temperature returns to within the operating temperature range.

Cause

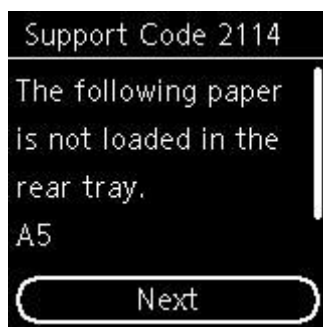
Paper settings for printing do not match rear tray paper information set on printer.

▶▶▶ Note

- See below for the correct correspondence between paper settings made on the printer driver or on the printer.
 - ➔ [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#) (Windows)
 - ➔ [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#) (Windows)
- See below for details on rear tray paper information set on the printer.
 - ➔ [Paper Settings](#)
- [To disable notifications for this error, disable the function to detect paper setting mismatch.](#)

If the print paper settings do not match rear tray paper information set on the printer, as shown below, a message appears on the printer's LCD.

- Paper settings specified on the printer driver:
Paper size: **A5**
Paper type: **Plain paper**
- Rear tray paper information set on the printer:
Paper size: **A4**
Paper type: **Plain paper**



What to Do

Press the printer's **OK** button to display the screen below.



Use the ▲ ▼ buttons to select the appropriate action, then press the printer's **OK** button.

▶▶▶ Note

- Depending on settings, some of the options below may not appear.

Print on set paper

Select this option to print onto the paper in the rear tray without changing the paper settings.

For example, if the print paper setting is A5, and rear tray paper information is set to A4, the A5 size setting is used to print onto the paper in the rear tray.

Replace paper

Select this option to print after changing the paper in the rear tray.

For example, if the print paper setting is A5, and rear tray paper information is set to A4, change the paper in the rear tray to A5 paper and proceed with printing.

After changing the paper, the paper information registration screen for the rear tray appears. Register the paper information on the printer according to the loaded paper.

▶▶▶ Note

- If you do not know the paper size and paper type to be loaded in the rear tray, press the printer's **Back** button. The paper size and paper type are displayed.
- See below for the correct correspondence between paper settings made on the printer driver or on the printer.
 - ➔ [Paper Settings on the Printer Driver and the Printer \(Media Type\)](#) (Windows)
 - ➔ [Paper Settings on the Printer Driver and the Printer \(Paper Size\)](#) (Windows)

Cancel print

Cancels printing.

Select this option when you want to change the print paper settings. Change the paper settings and retry printing.

▶▶▶ Note

- To suppress the misprint prevention message, change the setting as described below. When you suppress the message, the printer uses the paper settings for printing onto the paper in the rear tray regardless of whether or not the paper matches these settings.
 - To change the message view setting when printing using the operation panel of the printer:
 - ➔ [Feed settings](#)
 - To change the message view setting when printing using the printer driver:

- ➔ [Changing the Printer Operation Mode \(Windows\)](#)
- ➔ [Changing the Printer Operation Mode \(macOS\)](#)

4103

Cause

Cannot perform printing with current print settings.

What to Do

Press the printer's **Stop** button to cancel printing.

Then change the print settings and retry printing.

Cause

Printer error has occurred.

What to Do

If you are printing, press the printer's **Stop** button to cancel printing, then turn off the printer.

Check the following:

- Make sure print head holder motion is not impeded by tapes for securing the print head holder during transportation, jammed paper, etc.

Remove any impediment.

- Confirm that the print head lock lever is locked securely.

Push both tabs of the print head lock lever until each clicks into place.

- Make sure the ink tanks are properly installed.

If the front (innermost) part of the ink tank is sticking up, push the ink tank until it clicks into place.

Turn the printer back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

▶▶ Important

- When you clear the jammed paper or protective material that is preventing the print head holder from moving, be careful not to touch the components inside the printer. The printer may not print out properly if you touch it.

5200

Cause

Printer error has occurred.

What to Do

Turn off the printer and unplug it.

If you are using a battery, turn off the printer and detach the battery.

After a while, plug in printer with the AC adapter or attach the battery to the printer, and turn on again.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

▶▶▶ Note

- For details on how to attach/detach the battery, see Using the Battery.

5B00

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

▶▶ Note

- In the case of warnings or errors caused by remaining ink levels, the printer cannot print.

6000

Cause

Printer error has occurred.

What to Do

If the paper is jammed, remove it depending on the jammed location and cause.

➔ [List of Support Codes for Printer Errors \(Paper Jams\)](#)

Turn off the printer and unplug it.

If you are using a battery, turn off the printer and detach the battery.

Plug in printer with the AC adapter or attach the battery to the printer, and turn on again.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

▶▶ Note

- For details on how to attach/detach the battery, see Using the Battery.