

# TX-4200 TX-3200 TX-2200 TX-5420 TX-5320 TX-5220 Online Manual

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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.

# 1 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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JSON for Modern C++

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Lua

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### LuneScript

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# **Basic Operations**

### Printer Parts

- Front
  - Ink Tank Cover (Inside)
- Back / Side
- Top Cover (Inside)
  - Carriage
- Operation Panel
- Printer Stand
- Roll Unit
- Stacker

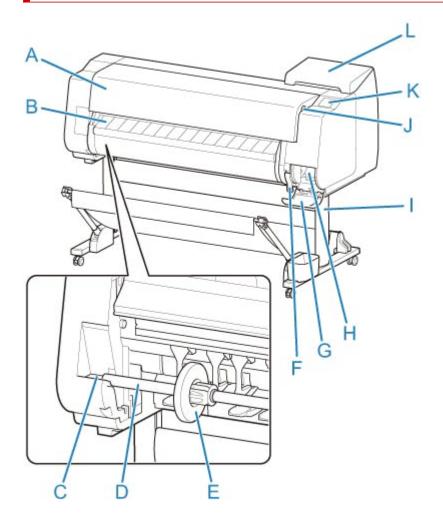
### Using the Printer

- Turning the Printer On and Off
- Loading Rolls in the Printer
- Loading Sheets in the Printer
- Using the Basket on the Printer Stand
  - Example Basket Configurations
- Storing the Basket on the Printer Stand
- Using the Roll Unit for Media Take-Up
  - Using the Roll Unit In Take-Up Mode
  - Removing Printed Paper from the Roll Unit
- Using the Stacker
  - Example Stacker Configurations
- Stopping Printing
- Pausing Printing

# **Printer Parts**

- Front
  - Ink Tank Cover (Inside)
- Back / Side
- Top Cover (Inside)
  - Carriage
- Operation Panel
- Printer Stand
- Roll Unit
- > Stacker

## Front



### A: Top Cover

Open this cover to install the print head, load paper, and remove any jammed paper from inside the printer as needed.

### ➡ Top Cover (Inside)

### **B: Output Guide**

Guides printed documents as they are ejected. Open this guide when loading a roll.

### C: Roll holder Slot

Slide the Roll Holder into this slot.

### **D: Roll Holder**

### Roll Holder Set

### E: Holder Stopper

Secure the roll on the Roll Holder with this part.

### F: Release Lever

To release paper retainer, lift the lever.

### G: Maintenance Cartridge Cover

Open this cover to replace the maintenance cartridge.

### H: Maintenance Cartridge

Maintenance Cartridge

### I: Printer Stand

A stand that holds the printer. Equipped with casters to facilitate moving it.

Printer Stand

### J: USB flash drive port

Insert a USB flash drive to this port.

### K: Touch Screen

Use this screen to operate the printer and check the printer status.

Operation Panel

### L: Ink Tank Cover

Open this cover to replace the ink tank.

➡ Ink Tank Cover (Inside)

## **Roll Holder Set**

Load roll paper on the roll holder and then load the holder in the printer. You can use the roll holder with both 2-inch and 3-inch paper cores. However, if using 3-inch core roll paper, attach the 3-inch paper core attachment.

- ➡ Loading Rolls on the Roll Holder
  - TX-4200 / TX-5420 : Roll Holder Set RH2-46
  - TX-3200 / TX-5320 : Roll Holder Set RH2-34
  - TX-2200 / TX-5220 : Roll Holder Set RH2-29
    - Roll Holder (for 2- and 3-inch paper cores)



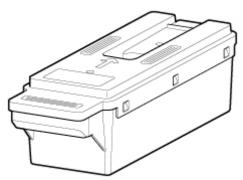
• 3-Inch Paper Core Attachment (x2)





# Maintenance Cartridge

Model number: MC-30



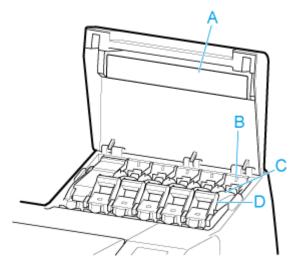
Absorbs ink used for cleaning.

Replacing the Maintenance Cartridge

### >>>> Important

• When purchasing, check the Model number.

# Ink Tank Cover (Inside)



### A: Ink Color Label

Load an ink tank that matches the color and name on this label.

### **B: Ink Lamp**

Indicates the state of the ink tank as follows.

### • On

The ink tank is installed correctly.

### • Off

No ink tank is installed, or the ink level detection function is disabled.

### • Flashing

Ink tank is empty.

### >>>> Note

• When there is little ink left, the ink lamp is lit and 🙂 appears on the touch screen.

### C: Ink Tank

Ink Tanks

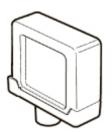
#### **D: Ink Tank Lock Lever**

A lever that locks the ink tank in place and protects it. Lift and lower the lever when replacing an ink tank. To open it, lift the stopper of the lever until it stops, and then push it down toward the front. To close it, push it down until it clicks into place.

### Ink Tanks

The printer supports the following ink tanks.

- Replacing Ink Tanks
  - 5.4 fl oz (160 ml)



• 11.2 fl oz (330 ml)



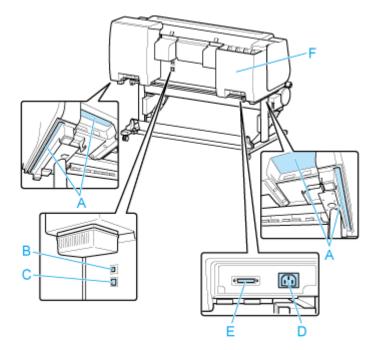
• 23.7 fl oz (700 ml)



### Important

- When purchasing, check the Model number.
  - <u>Checking the Ink Tank Model Number</u>

# Back / Side



### A: Carrying Grips

When carrying the printer, have six people hold it by these handles under both sides.

### **B: USB Port**

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

### **C: Wired LAN Connector**

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

### **D: Power Cord Connector**

Connect the power cord to this connector.

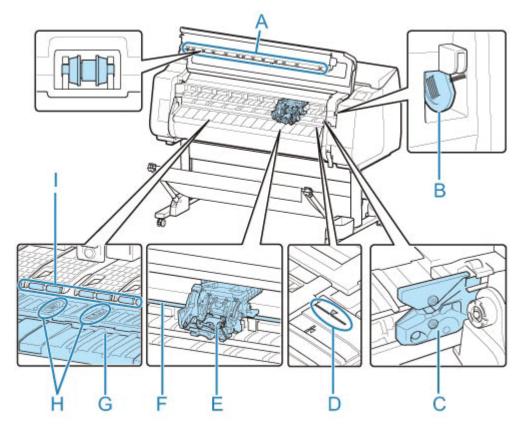
### E: Roll Unit Power Supply Inlet

Connect the connection cord for the roll unit.

### F: Spare Ink Box

Stores the ink tank that is not used.

# Top Cover (Inside)



### A: Top Cover Roller

Prevents paper from rising when ejected.

### **B: Cleaning Brush**

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

### C: Cutter Blade

Cutter Blade

### **D: Paper Alignment Line**

Align paper with this line when loading it.

### E: Carriage

Moves the print head. It serves a key role in printing.

### Carriage

### F: Carriage Shaft

The Carriage slides along this shaft.

### G: Platen

The print head moves across the platen to print. Vacuum holes on the platen hold paper in place.

### **H: Borderless Printing Ink Grooves**

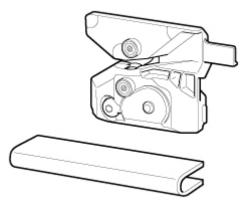
For catching ink outside the edges of paper during borderless printing.

### I: Paper Retainer

This retainer holds paper as it is fed.

# Cutter Blade

### Model number: CT-07



A round-bladed cutter for automatic paper cutting.

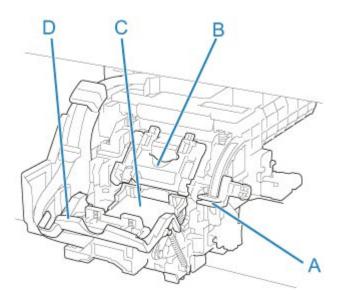
This cutter blade comes with a part for securing the cutter blade during installation.

Replacing the Cutter Blade

### >>>> Important

• When purchasing, check the Model number.

# Carriage



### A: Angle Adjustment Lever

Fine-tunes the line misalignment when printing.

### **B: Print Head Locking Cover**

Secures the print head.

### **C: Print Head**

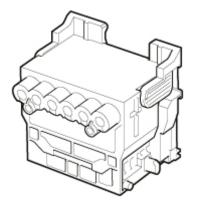
Print Head

### **D: Print Head Lock Lever**

Lock print head locking cover.

## Print Head

### Model number: PF-06



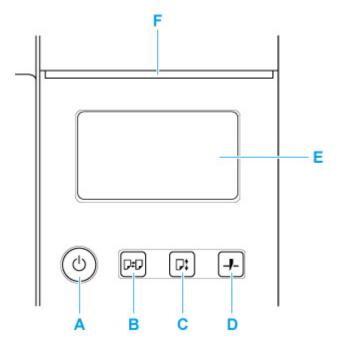
The print head is equipped with ink nozzles.

### Replacing the Print Head

### >>>> Important

• When purchasing, check the Model number.

# **Operation Panel**



### A: ON button / ON lamp

Turns the printer on and off.

➡ Turning the Printer On and Off

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

#### **B: Load button**

Loads the paper when it is set or replaced.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

### **C: Feed button**

Changes the paper position when the roll paper is loaded.

➡ Feeding Roll Paper Manually

### **D: Cut button**

Cuts the paper when the roll paper is loaded.

#### Cutting Roll Paper

### E: Touch Screen

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

### Home Screen Menu Composition

### F: Status lamp

• Flashing (white)

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

• Lit (orange)

A warning message is displayed.

• Flashing (orange)

An error message is displayed.

• Off

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

### >>>> Note

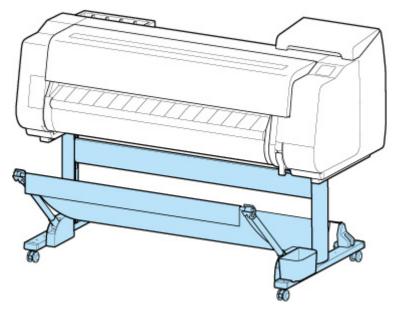
- When the printer is in Sleep mode, to restore the display, press the buttons on the operation panel or touch the touch screen.
- When Operation panel lock is enabled, touch screen operations are invalid. For details on Operation panel lock, see <u>Changeable Setting Items Using Remote UI</u>.

## **Printer Stand**

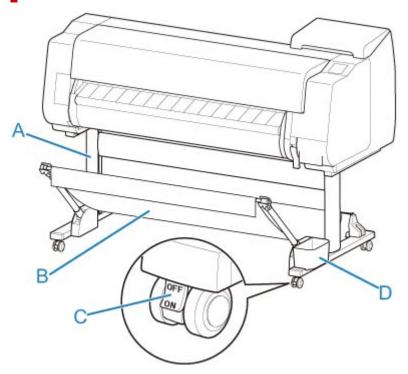
The following Stand can be used with the printer.

• TX-2200 / TX-5220 : Printer Stand SD-21

The TX-4200, TX-3200, TX-5420, and TX-5320 models come with the printer stand included.







### A: Stand Unit

A stand that holds the printer. Equipped with casters to facilitate moving the printer.

### B: Basket

Catches the ejected printed documents.

### Parts of the Basket

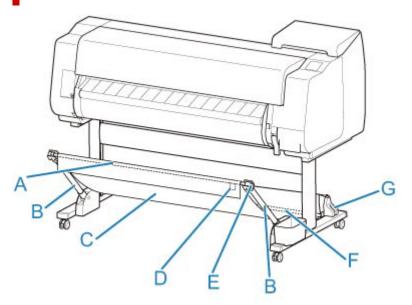
### **C: Locking Caster**

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

### **D: Accessory Pocket**

Stores the printer's accessories.

### Parts of the Basket



### A: Basket Rod (tag side)

Secures the cloth basket to the tips of the basket arm.

### B: Basket Arm

Retains the basket rod (tag side).

By changing the length and the angle, you can make the basket suitable for various conditions.

### C: Basket Cloth

A cloth tray that catches ejected documents.

### D: White Tag

Marks indicating basket attachment orientation.

### E: Basket Rewind Button

Press this button when rewinding the basket after it has been wound on the basket rod (tag side).

### F: Basket Rod (cord side)

Secures the cloth basket on the rod holder.

### G: Rod Holder

Retains the basket rod (cord side).

### >>>> Note

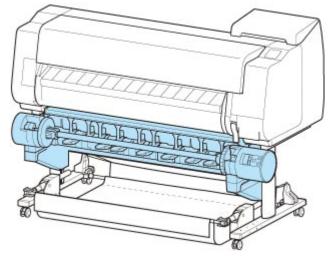
• For details on using the basket, see "<u>Using the Basket on the Printer Stand</u>" and "<u>Storing the Basket</u> <u>on the Printer Stand</u>."

# Roll Unit

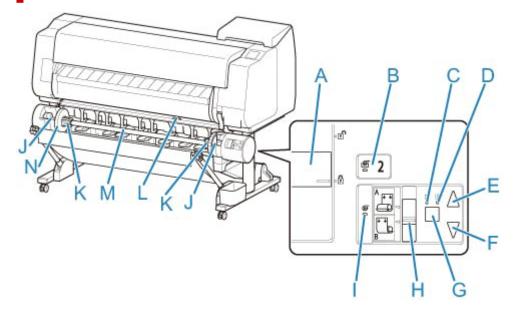
The roll unit functions as a feed device that can accommodate an additional roll for a total of two rolls on the printer and as a take-up device that automatically takes up the printed roll paper. Switch between these two functions depending on the circumstances.

You can use the following roll unit with this printer.

- TX-4200 / TX-5420 : Roll Unit RU-42
- TX-3200 / TX-5320 : Roll Unit RU-32
- TX-2200 / TX-5220 : Roll Unit RU-22



### Parts of the Roll Unit



### A: Roll Holder Lock Switch

Locks and releases the Roll Holder loaded in the roll unit.

### **B: Feed Mode Lamp**

Lights up when you have selected the feed mode on the roll unit.

### C: Auto Take-up Lamp

Lights up when the paper is being taken up.

### D: Pause Lamp

Lights up when the paper winding is paused.

#### E: Take-up Button

You can rotate the roll unit the desired amount as long as winding is not in progress. When the winding direction is set to inward winding, the unit takes up the paper; when it is set to outward winding, the unit rewinds the paper.

#### F: Rewind Button

You can rotate the roll unit the desired amount as long as winding is not in progress. When the winding direction is set to inward winding, the unit rewinds the paper; when it is set to outward winding, the unit takes up the paper.

#### G: Auto Take-up/Pause Button

Pauses and resumes the taking up of paper.

#### H: Inward/Outward Winding Changeover Switch

Changes the winding direction when the paper is wound (inward winding and outward winding).

#### I: Take-up Mode Lamp

Lights up when you have selected the take-up mode on the roll unit.

### J: Roll Holder Slot

Slide the Roll Holder into these guide grooves.

#### K: 3-Inch Paper Core Attachment

Attaches to the Roll Holder when you are using a roll paper with a 3-inch paper core.

#### L: Feed Flap Switch

Change the feed flap position depending on the roll unit mode.

#### M: Roll Holder

Load the roll on this holder.

### Roll Holder Set

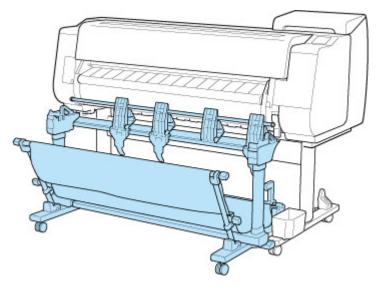
#### N: Holder Stopper

This part secures the roll paper on the Roll Holder.

# Stacker

The following stacker can be used in this printer.

- TX-4200 / TX-5420 : Stacker SS-41
- TX-3200 / TX-5320 : Stacker SS-31
- TX-2200 / TX-5220 : Stacker SS-21



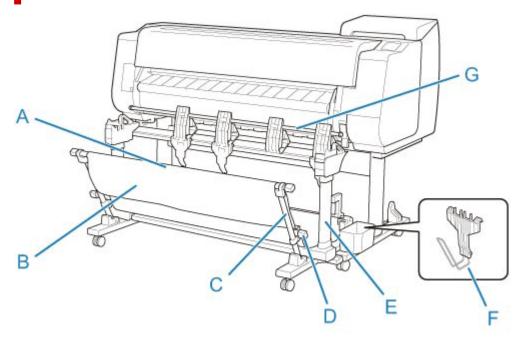
### >>>> Important

• When moving the stacker, be sure to set the locking caster lock to the OFF position to release the lock. If you move it while the locking casters are locked, the floor may become scratched.

### >>>> Note

• Depending on your region, these might be included as standard or they might be available as optional accessories.

### Parts of the Stacker



### A: Rod (fixed)

Move it forward and back to switch the position of the stacker.

### B: Basket

A cloth tray that catches ejected documents.

### C: Arm

When using the stacker with the Position 1, attach the rod (adjustable) to the lower of the arm.

Example Stacker Configurations

### D: Rod (adjustable)

Changes the position of the stacker by moving the rod (adjustable) to the lower of the arm or the upper of the stand.

### E: Stand

A stand that holds the stacker. Equipped with casters to facilitate moving the printer.

When using the stacker with the Position 2, the Position 3 or the Position 4, attach the rod (adjustable) to the upper of the stand.

Example Stacker Configurations

### F: Paper Stopper

When using the stacker with the Position 3, attach paper stopper to the lower of the second part from the right of the flapper.

Store the paper stopper in the accessory pocket of the stand when not in use.

### G: Flapper

Changes the position of the stacker by setting the flapper vertically or horizontally.

# Using the Printer

- > Turning the Printer On and Off
- Loading Rolls in the Printer
- Loading Sheets in the Printer
- Using the Basket on the Printer Stand
  - Example Basket Configurations
- > Storing the Basket on the Printer Stand
- Using the Roll Unit for Media Take-Up
  - Using the Roll Unit In Take-Up Mode
  - Removing Printed Paper from the Roll Unit
- Using the Stacker
  - Example Stacker Configurations
- Stopping Printing
- Pausing Printing

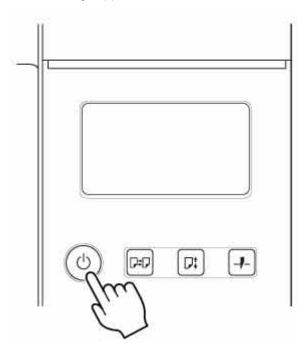
## **Turning the Printer On and Off**

## Turning the printer on

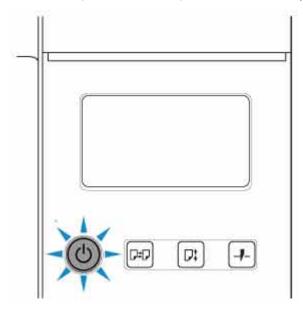
1. Press ON button to turn on printer.

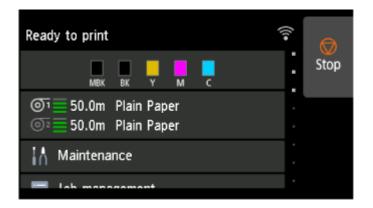
The **ON** button lights up and the printer will now start up.

The Canon logo appears on the touch screen, and then "Starting the system...Please wait momentarily" appears.



When startup is finished, the printer enters standby mode.





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

• Covers are open.

Close all the covers.

- The print head is not installed
  - Replacing the Print Head
- The ink tank is not installed
  - Replacing Ink Tanks
- If "Error" is shown on the touch screen

Check the message on the touch screen and take action as necessary.

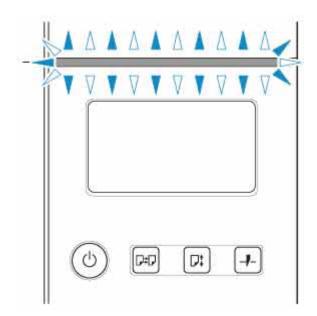
• The ON button and Status lamp do not light up, and nothing appears on the touch screen Check the connection at the plug and electrical outlet.

## Turning the printer off

### Important

- Never disconnect the printer's power supply or unplug it during a print job. This may damage the printer.
- 1. Make sure no print jobs are in progress.

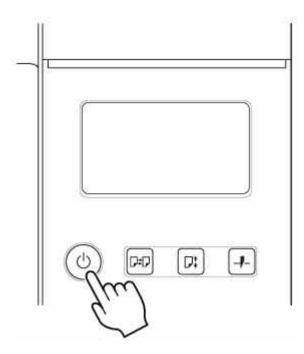
While the **Status** lamp is flashing, the printer is running. The color of the lamp indicates the following states.



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

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

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



"Turning off... Please wait momentarily" appears on the touch screen, and the printer turns off.

# Using the Basket on the Printer Stand

By changing the following four items for the basket, you can use the basket in various ways to suit your application.

- Length of basket arm
- Tilt of basket arm
- Attachment position of basket
- · Length of basket

This section describes how to change the basket.

For specific examples of basket use, see "Example Basket Configurations."

#### Important

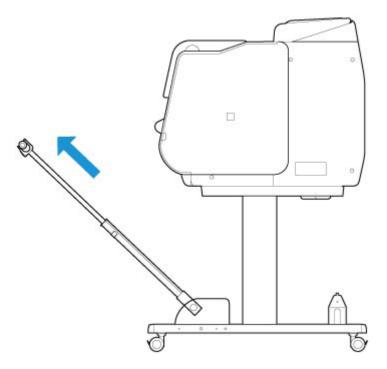
- When changing the position of the basket, first return the basket to a unwound state while pressing the basket rewind button on the right end of the basket rod (tag side), and then make the change.
- If the basket rod (tag side) has come off the basket arm, attach it by inserting the projections on both ends of the basket rod (tag side) into oval holes on the tip of the basket arm.
- When moving the printer, remove the basket.
- Do not apply excessive force to the basket. Doing so may damage the basket.
- If the cloth part of the basket becomes dirty, wipe off the dirt without washing. Washing it may affect the performance of the basket.

## Changing Length of basket arm

You can change the length of the basket arm in two steps.

To lengthen, expand the left/right basket arm in the direction of the arrow.

To shorten, contract the left/right basket arm in the opposite direction of the arrow.

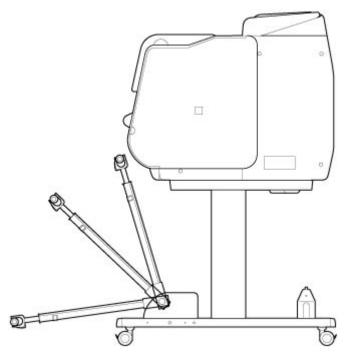


#### >>>> Important

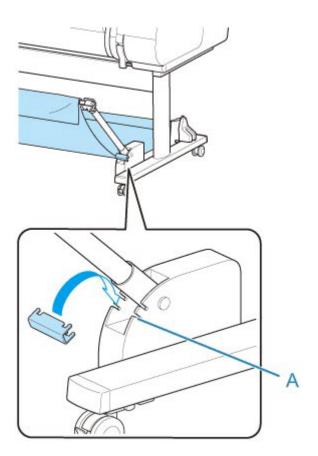
• When lengthening the basket arm, first return the basket to an unwound state while pressing the basket rewind button on the right edge of the basket rod (tag side), and then make the change.

## Changing Tilt of basket arm

You can change the tilt of the basket arm in three steps.



When securing the basket arm, attach the basket locking support to the basket arms (A) on both sides.



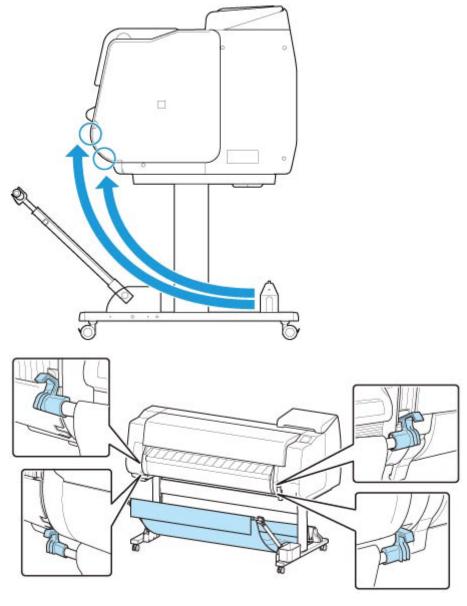
#### Important

- If you are changing the angle of the basket arm, make sure the thick part of the basket arm is pulled out as far as possible.
- When changing the angle of the basket arm, hold the thick part of the left/right basket arm, and adjust them.
- While using the basket locking support, do not apply excessive force to the orientation in which you lower the basket arm. Doing so may damage the basket.
- While using the basket locking support, you cannot use "<u>Printing on Large-Format or Easily Damaged</u> <u>Paper (Position 3)</u>." When using this position, detach the basket locking support.
- While using the basket locking support, you cannot store the basket. When you store the basket, detach the basket locking support.
  - Storing the Basket on the Printer Stand

## **Changing Attachment Position of basket**

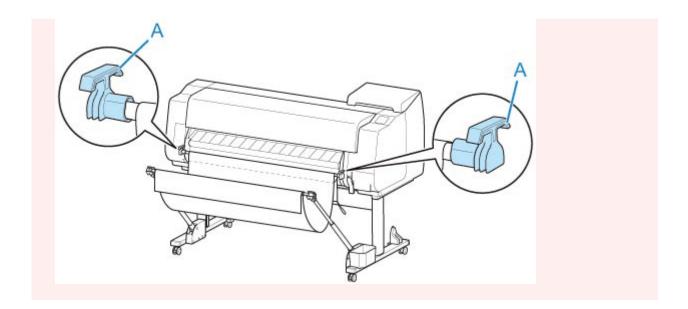
You can attach the basket rod (cord side) to the stand's rod holder or the front of the printer.

To attach, hang both sides of the basket rod (cord side) on the paired attachment locations shown in the illustration.



## >>>> Important

• When attaching the basket rod (cord side) to the front of the printer, make sure both ends of the rod (A) are securely hooked onto the attachment parts.

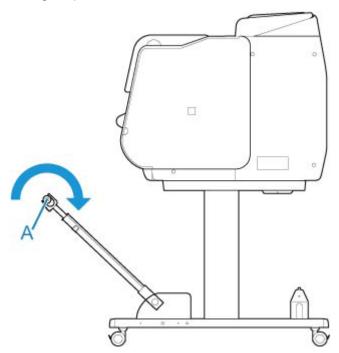


## Changing Length of basket

You can adjust the basket length by rotating the basket rod (tag side).

To shorten, rotate the basket rod (tag side) in the direction of the arrow to wind the basket.

To lengthen, rotate the basket rod (tag side) in the opposite direction of the arrow while pressing the basket rewind button (A) on the right end of the basket rod (tag side). You can return the wound basket to its original position.



# **Example Basket Configurations**

Various positions are possible for the basket that collects the printed materials.

In this section, we present the following five positions as examples of using the basket. Switch the position of the basket to suit to the media type and the print job.

- Using Without roll unit (Position 1)
- Using With roll unit (Position 2)
- Printing on Large-Format or Easily Damaged Paper (Position 3)
- Stacking Printed Materials (Position 4)
- Moving Printed Materials to Next Work Area Immediately (Position 5)

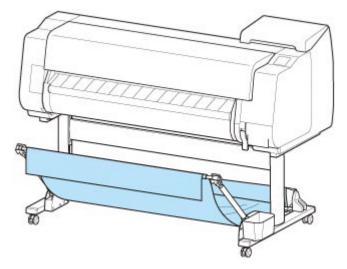
For instructions on switching the basket position, see "Using the Basket on the Printer Stand."

#### >>>> Important

- If replacing the roll paper or using the roll unit as a take-up device, you must store the basket.
  - ➡ Storing the Basket on the Printer Stand
- If the printed materials collected are damaged or folded, select **Eject cut** in **Cutting mode** or use the basket in a different position.
  - Specifying the Cutting Method for Rolls

## Using Without roll unit (Position 1)

You can use the basket in the following positions when not using the roll unit.



#### >>>> Important

- The number of sheets that can be collected in the basket is one. If printing multiple pages, print after removing each sheet.
- If using the roll unit as a feed device, we recommend using it as described in "<u>Using With roll unit</u> (<u>Position 2</u>)".

- If using the roll unit and using the Position 1 basket, the printed materials may come in contact with the roll unit depending on the paper, resulting in damage.
- If using the roll unit as a feed device and using the Position 1 basket, the ejected roll paper's cut end enters the roll unit and may cause a paper jam or affect the print quality when set to Borderless Printing or Trim edge first when loading the paper.
- Roll paper up to 62.0 inches (1,575 mm) in length can be collected in the basket. If printing on longer roll paper, use as described in "<u>Printing on Large-Format or Easily Damaged Paper (Position 3)</u>" or use with the roll unit as the take-up device.

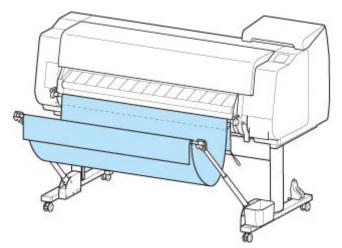
## Using With roll unit (Position 2)

You can use the basket in the following positions when using the roll unit as a feed device.

This position is useful also when rewinding printed roll paper by hand.

Move the basket rod (cord side) to the upper of the two pairs of attachment locations on the front of the printer, and extend the basket arm as far as possible at the angle shown to achieve this position.

You can adjust the basket length so that it is easy to use.



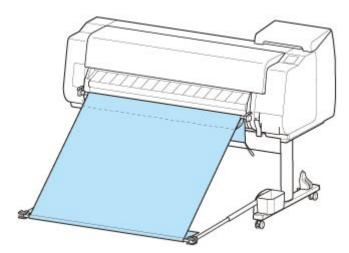
#### Important

• You can place up to approximately 4.41 lbs (2 kg) of printed materials in the basket. If the weight of the printed materials is greater than that, the basket may fall over.

## Printing on Large-Format or Easily Damaged Paper (Position 3)

If printing on large-format or easily damaged paper, you can use the basket in the following position.

Move the basket rod (cord side) to the upper of the two pairs of attachment locations on the front of the printer, extend the basket arm as far as possible, and lower it to the angle shown. Next, adjust the length so that the basket is pulled into this position.



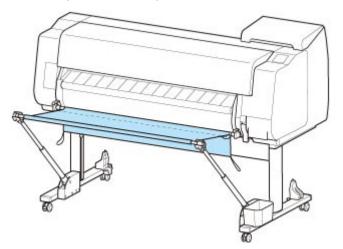
#### Important

- Always select **Eject cut** in **Cutting mode** when used in this position. If you select **Automatic cut**, the printed materials may be damaged.
  - Specifying the Cutting Method for Rolls
- Be extra careful when using paper that tends to curl or is damaged easily in this position.
- With some types of paper, the leading edge may curl or bend during ejection. In this case, straighten out the paper. Printed documents may be damaged if the paper is curled or bent.
- Depending on the paper, the paper may be caught between the output guide and the basket when being ejected. In this case, fix the paper that is caught. If the paper is caught, printed documents may be damaged.

## **Stacking Printed Materials (Position 4)**

You can use the basket in following positions when you want to stack printed materials.

Move the basket rod (cord side) to the lower of the two pairs of attachment locations on the front of the printer, extend the basket arm as far as possible in the angle shown. Next, adjust the length so that the basket is pulled into this position.



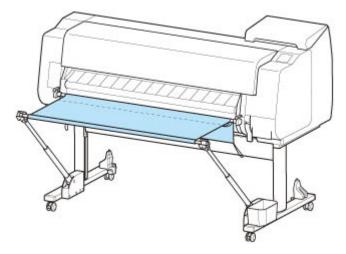
#### Important

- In the following cases, use as described in "<u>Using Without roll unit (Position 1)</u>" or "<u>Using With roll unit (Position 2)</u>". If printing multiple pages in these positions, print after removing each sheet.
  - Printed materials other than A2 portrait
  - Paper curls an extreme amount due to paper characteristics and printing environment
  - If there is not much paper remaining on the roll, and the paper curls an extreme amount

## Moving Printed Materials to Next Work Area Immediately (Position 5)

You can use the basket in the following position when moving the printed materials to the next work area immediately.

Move the basket rod (cord side) to the upper of the two pairs of attachment locations on the front of the printer, extend the basket arm as far as possible in the angle shown. Next, adjust the length so that the basket is pulled into this position.



#### Important

- Be extra careful when using paper that tends to curl or is damaged easily in this position.
- With some types of paper, the leading edge may curl or bend during ejection. In this case, straighten out the paper. Printed documents may be damaged if the paper is curled or bent.
- Depending on the paper, the paper may be caught between the output guide and the basket when being ejected. In this case, fix the paper that is caught. If the paper is caught, printed documents may be damaged.

# Storing the Basket on the Printer Stand

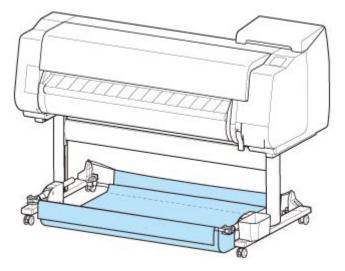
Store the basket in the following two positions when not in use. Select the position to suit the circumstances.

- ➡ If Changing Roll Paper or Using roll unit as Take-up Device
- Using Without basket (Only When roll unit Is Not Used)

## If Changing Roll Paper or Using roll unit as Take-up Device

If replacing the roll paper or using the roll unit as a take-up device, store the basket.

You can store the basket, by attaching the basket rod (cord side) to the rod holder, lowering the basket arm until level, and then pushing as far back as possible.

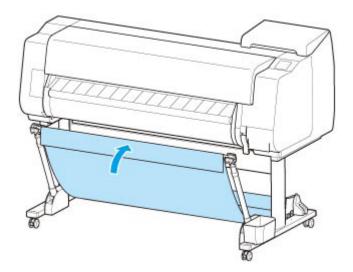


#### Important

- If changing the basket position, first release and rewind the basket. If it is not released and rewound, the change may not be performed smoothly, or the basket may be damaged.
- If you are changing the angle of the basket arm, make sure the thick part of the basket arm is pulled out as far as possible.
- If the basket rod (tag side) has come off the basket arm, attach it by inserting the projections on both ends of the basket rod (tag side) into oval holes on the tip of the basket arm.
- Do not apply excessive force to the basket. Doing so may damage the basket.

## Using Without basket (Only When roll unit Is Not Used)

If you are not using the roll unit, you can easily store the basket by holding the thick parts of the left/right basket arm in "<u>Using Without roll unit (Position 1)</u>", and moving them in the direction of the arrow.



# Using the Roll Unit for Media Take-Up

You can use the roll unit as a take-up device by following the procedures below.

- Switching Roll Unit Modes to Media Take-up Device
- ➡ Using the Roll Unit In Take-Up Mode
- Removing Printed Paper from the Roll Unit

You can use the roll unit as a feed device by following the procedures below.

Switching Roll Unit Modes to Feed Device

#### >>>> Important

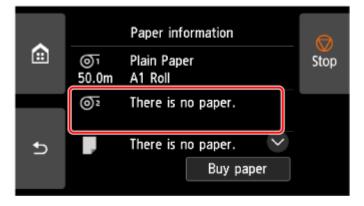
- After switching the roll unit function, you must use a separate computer to apply the roll unit settings to the printer driver.
  - Reflect Roll Unit Settings in the Printer Driver (Windows)
  - Reflect Roll Unit Settings in the Printer Driver (macOS)
- If you change the roll unit from a take-up device to a feed device, first cut the paper that has been taken up.

### Switching Roll Unit Modes to Media Take-up Device

1. Select the paper setting display area on Home screen.



2. Select the Roll paper 2 area.



#### 3. Select Roll unit use settings.

- 4. Check the contents of the message and select ON.
- 5. Select paper cutting settings when using take-up mode.

#### >>>> Note

- If you selected **Do not cut**, the roll paper will not be cut after printing regardless of the **Cutting mode** setting on the printer. Select this option when you want to print multiple pages consecutively without cutting.
- If you selected **Use the cutting mode setting**, cutting for each page will be performed according to the **Cutting mode** setting on the printer.
  - Specifying the Cutting Method for Rolls
- If you select **Use the cutting mode setting**, and **Automatic cut** is set in the **Cutting mode** settings on the printer, we recommend setting **Wind up after cutting** to **Enable**. When set to **Disable**, a printed document that has been taken up is cut automatically without being pressed, resulting in fraying.
- If roll paper is loaded from the roll unit to the printer, a screen confirming whether or not to remove the roll paper appears. If you select **Yes**, the roll paper is positioned so that it can be removed and the roll unit changes to a take-up device.
- 6. Check the contents of the message and select Yes or No.

If you select **Yes**, the steps for loading the paper on the roll unit appear on the touch screen.

If you select **No**, the operation ends here. Load the paper on the roll unit when printing. However, in this case, you must load the paper while printing is progressing, so instructions will not appear on the touch screen.

For details on loading paper on the roll unit set as a take-up device, see "<u>Using the Roll</u> <u>Unit In Take-Up Mode</u>."

#### >>>> Note

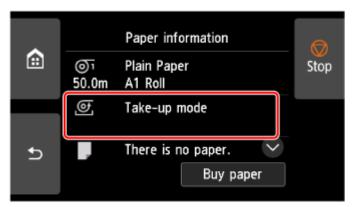
• If you select **Yes**, a margin of approximately 23.7 inches (600 mm) is generated at the leading edge because the roll paper advances to the roll unit before printing.

### Switching Roll Unit Modes to Feed Device

**1.** Select the paper setting display area on Home screen.



2. Select the Take-up mode area.



- 3. Select Roll unit use settings.
- 4. Check the contents of the message and select **ON**.

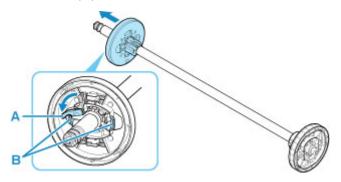
#### >>>> Note

• If you change the mode without cutting the roll paper with the printer's cutter, a screen confirming whether or not the paper taken up has been cut appears after you select **ON**. If the paper has not been cut, select **No** and cut the paper that has been taken up first.

# Using the Roll Unit In Take-Up Mode

#### Important

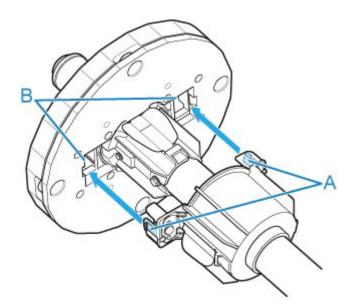
- For details on the roll paper compatible with winding, see "Paper Information List.".
- Before loading the roll paper to be taken up on the roll unit, set the roll unit mode to take-up device on the printer touch screen.
  - Switching Roll Unit Modes to Media Take-up Device
- If the roll holder is installed on the roll unit, first remove the roll holder from the roll unit, and then remove the roll paper loaded on the roll holder.
  - Removing Roll Paper from the Roll Unit
- Paper winding is possible until the outer diameter of the wound paper is the same as the outer diameter of the holder stopper.
- 1. Store basket.
  - Storing the Basket on the Printer Stand
- **2.** Rotate the holder stopper lever (A) towards **a** to release the lock, and while holding the end plate (B), remove the holder stopper from the roll holder.



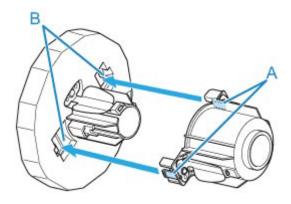
**3.** If taking up roll paper whose paper core has an inner diameter of 3 inches (76.2 mm), insert 3-Inch Paper Core Attachment in roll holder and holder stopper.

Align the 3-Inch Paper Core Attachment tabs (A) with the holes on the roll holder or holder stopper (B) and insert firmly.

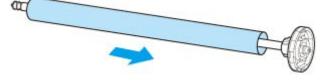
• roll holder Side



• holder stopper Side



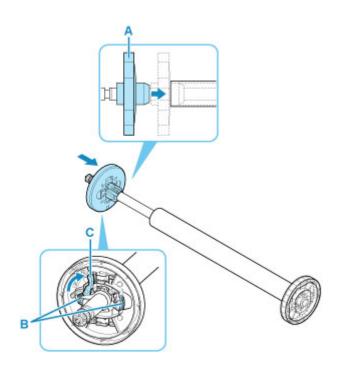
4. Insert paper core, which is for winding roll paper, into roll holder.



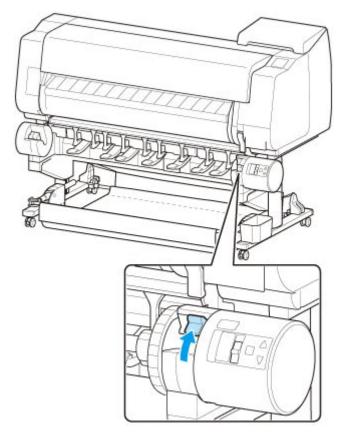
#### >>>> Important

- We recommend using a paper core that is wider than the paper to be wound when winding paper. If you use a narrower paper core, use with a gap between the holder stopper and the paper.
- Always use a paper core for winding that is the same thickness or is thicker than the roll paper's paper core. If you use a paper core that is thinner, it may affect take up.
- **5.** Insert holder stopper from left into roll holder, and then while holding the end plate (B), push firmly until holder stopper flange (A) touches paper core. Lock the holder stopper lever (C)

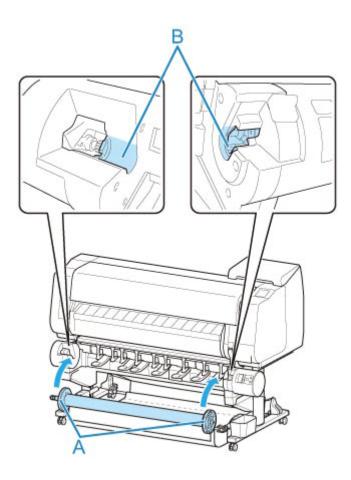
by rotating it towards



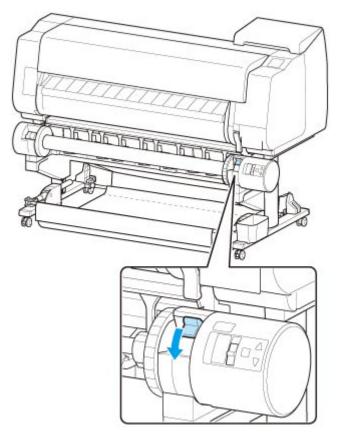
6. Change Roll Holder Lock switch on roll unit to release position.



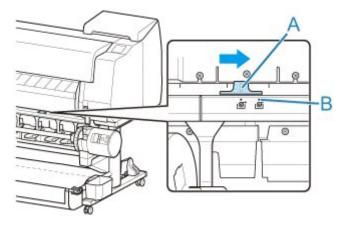
**7.** Hold flanges (A) so that holder stopper is on left, align roll holder shaft with roll holder slot left and right guide grooves (B), and load.



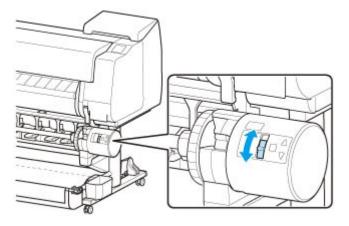
8. Change Roll Holder Lock switch on roll unit to locked position.



9. Change the feed flap switch on top of the roll unit so that the switch indicator (A) is aligned with ● (B) position on the take-up icon.



**10.** Change **Inward/Outward Winding Changeover** switch on roll unit to desired winding direction.

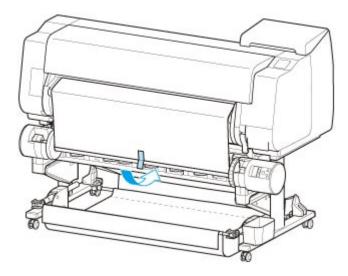


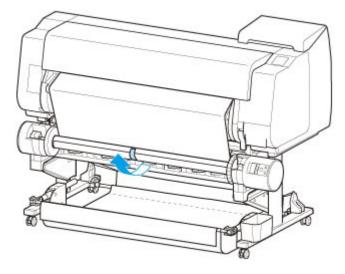
#### >>>> Note

- For the winding direction of the roll paper, you can select either outward winding to make the printed surface on the outside of the roll or inward winding to make the printed surface on the inside of the roll.
- **11.** Follow these steps to secure the leading edge of the roll paper to the paper core with tape.
  - If message appears on touch screen to confirm whether or not to advance paper automatically so it can be secured with tape
    - 1. Select Yes.

The leading edge of the roll paper advances until it is close to the roll unit.

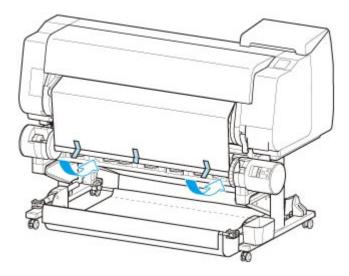
- 2. Hold center of leading edge of roll paper, align right edge of take-up spool paper core's right edge and tape center to paper core while pulling on roll paper evenly.
  - Outward Winding

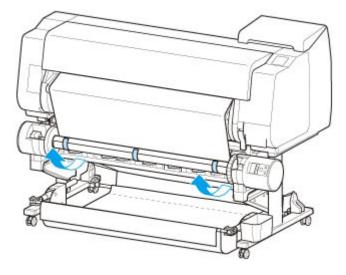




#### Important

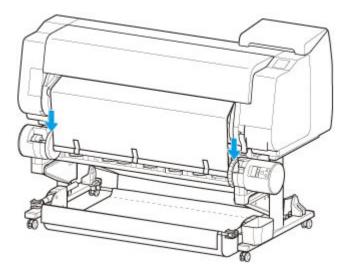
- If winding with inward winding, you must pass the leading edge of the roll paper to the back of the paper core and secure with tape. If this operation is difficult, you can also remove the roll holder, push the roll paper into the back, reinstall the roll holder, and pass the roll paper to the back of the paper core.
- **3.** Align right edge of roll paper to right edge of paper core while pulling on roll paper evenly, and secure with tape.
- 4. While making sure that roll paper is flat, secure left edge of roll paper to paper core with tape.
  - Outward Winding

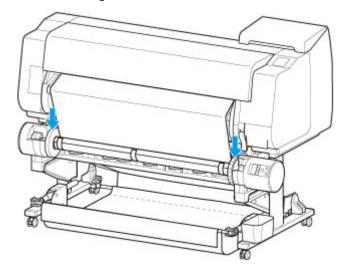




#### >>>> Important

- Secure the left and right edges of the roll paper with tape within 2.0 inches (50 mm) of the edges so that neither end of the roll paper lift up.
- When rewinding heavyweight paper, use strong adhesive tape to fasten it. Otherwise, a rewinding problem may result.
- If you use a paper core narrower than the paper to be wound, adjust the position of the holder stopper, so that there is a gap between the holder stopper and the paper.
- 5. Make sure the leading edge of the roll paper is not lifting up from the paper core, and if there are places lifting up, tape in additional places so that the paper does not lift up.
- 6. Push roll holder downward, check that roll holder is not lifting up, and select OK.
  - Outward Winding





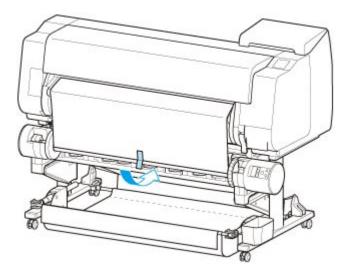
#### Important

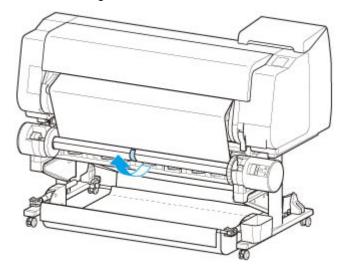
- If the roll holder lifts up, it may cause an error.
- 7. To stabilize operations when starting taking up, advance roll paper with operation panel and wind roll paper approximately one revolution.
  - Feeding Roll Paper Manually
- 8. Push roll holder downward again, and check that roll holder is not lifting up.

The winding preparation is complete. When printing to the roll starts, the roll paper can be automatically wound.

#### · If Ready to print appears on touch screen

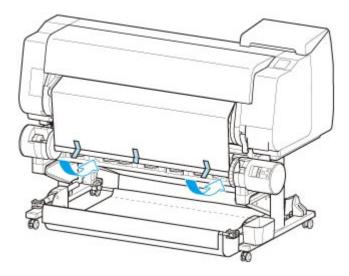
- 1. Manually advance roll paper or start printing, and wait for leading edge of roll paper to reach roll unit.
  - Feeding Roll Paper Manually
- 2. Hold center of leading edge of roll paper, align right edge of take-up spool paper core's right edge and tape center to paper core while pulling on roll paper evenly.
  - · Outward Winding

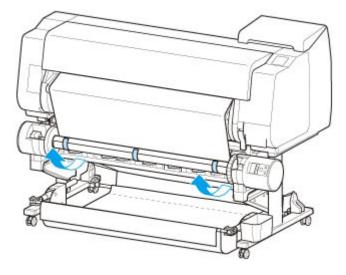




#### Important

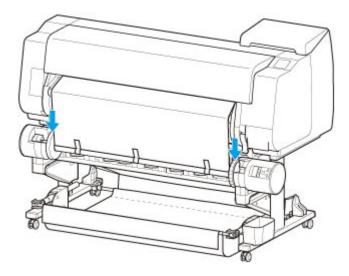
- If winding with inward winding, you must pass the leading edge of the roll paper to the back of the paper core and secure with tape. If this operation is difficult, you can also remove the roll holder, push the roll paper into the back, reinstall the roll holder, and pass the roll paper to the back of the paper core.
- **3.** Align right edge of roll paper to right edge of paper core while pulling on roll paper evenly, and secure with tape.
- 4. While making sure that roll paper is flat, secure left edge of roll paper to paper core with tape.
  - Outward Winding

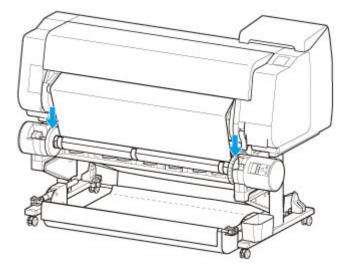




#### >>>> Important

- Secure the left and right edges of the roll paper with tape within 2.0 inches (50 mm) of the edges so that neither end of the roll paper lift up.
- When rewinding heavyweight paper, use strong adhesive tape to fasten it. Otherwise, a rewinding problem may result.
- If you use a paper core narrower than the paper to be wound, adjust the position of the holder stopper, so that there is a gap between the holder stopper and the paper.
- 5. Make sure the leading edge of the roll paper is not lifting up from the paper core, and if there are places lifting up, tape in additional places so that the paper does not lift up.
- 6. Push roll holder downward and check that roll holder is not lifting up.
  - Outward Winding





#### Important

- If the roll holder lifts up, it may cause an error.
- 7. Make sure **Inward/Outward Winding Changeover** switch on roll unit is in desired direction and press **Auto Take-up/Pause** button.

The **Pause** lamp, which has been lighted up to this point, turns off, and the **Auto Take-up** lamp lights up instead.

The winding preparation is complete. During printing, the winding starts. Before printing, the winding starts at the same time as the printing.

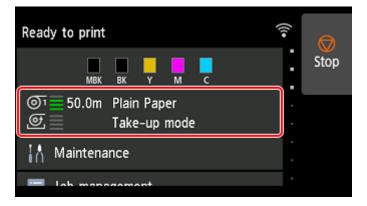
#### Important

 When winding inwardly, loosening of the wound paper can be prevented by pressing the roll paper with the arm. However, doing so may produce pressure traces on the paper. In this case, tap the roll unit area of the media information display area and set **Paper** retention settings to Release.

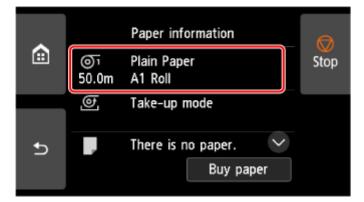
# **Removing Printed Paper from the Roll Unit**

#### >>>> Note

- By selecting the paper settings display area and then **Take-up mode** area when setting **Take-up mode** and setting **Wind up after cutting** to **Enable** in advance, you can omit steps 6 and 7 below, because when the paper is cut after printing, the next paper will be automatically taken up after that. However, be careful when using easily damaged roll paper because the roll paper touches the roller when paper is cut.
- 1. Select the paper setting display area on Home screen.



2. Select the Roll paper 1 area.



- 3. Select Feed/cut.
- **4.** Tap or touch **Advance** and **Rewind** to move roll paper forward or back.

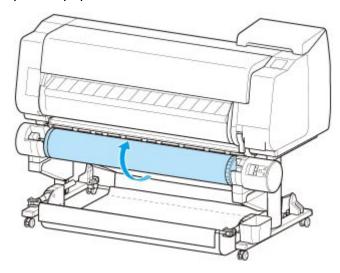
With the winding direction set to outward winding, advance the length of one circumference of the roll or more to protect the print side.

- 5. Select Cut paper.
- 6. Hold printed paper between output guide and roll unit, then select Yes.

The roll is now cut.

#### >>>> Important

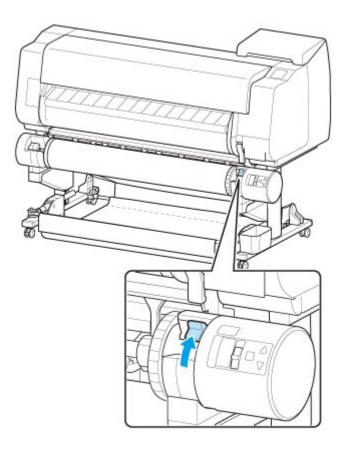
- When cutting the roll paper, always hold the printed paper. If cut without holding the printed paper, the paper may fall to the floor and become soiled.
- **7.** While holding trailing edge of printed paper, press **Take-up** or **Rewind** button to wind printed paper.



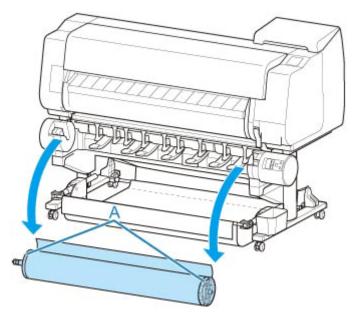
Apply adhesive tape to the rewound paper to hold it in place, if necessary.

#### >>>> Important

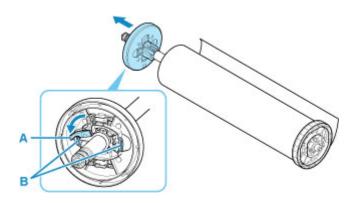
- Be careful not to scratch the printed surface.
- 8. Change Roll Holder Lock switch on roll unit to release position.



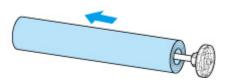
9. Hold roll holder by its flanges (A), and remove from roll unit.



**10.** Rotate the holder stopper lever (A) towards **f** to release the lock, and while holding the end plate (B), remove holder stopper from the roll holder.



**11.** Remove printed material that has been taken up, from roll holder for each paper core.



# Using the Stacker

Install the stacker to the printer before printing, when stacking the printed materials in the stacker.

➡ Installing the Stacker to the Printer

Change the position of the stacker depending on the size of the printed materials.

Example Stacker Configurations

Remove the stacker from the printer, when loading the paper in the printer.

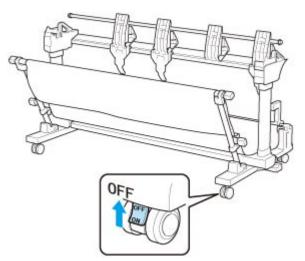
Removing Stacker from the Printer

#### >>>> Important

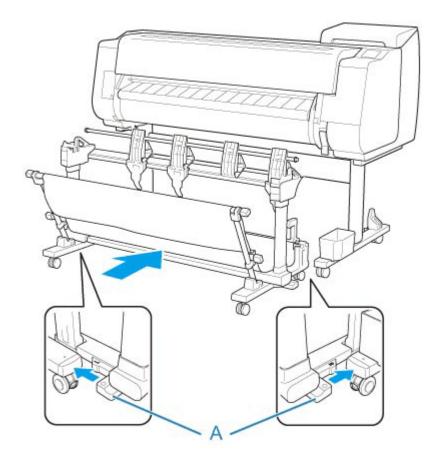
- Do not apply excessive force to the basket and the flapper. Doing so may damage the basket and the flapper.
- If the cloth part of the basket becomes dirty, wipe off the dirt without washing. Washing it may affect the performance of the basket.
- When the basket which is included in the stand is attached to the stand, detach the basket and the basket arm, and then use the stacker. If the basket remains attached, you cannot use the stacker.
- When using the stacker, make space in front of the printer enough to detach the stacker in advance.

## Installing the Stacker to the Printer

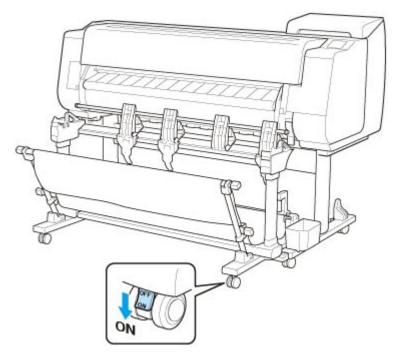
1. Set all locks of the four casters of the stacker to the OFF position.



**2.** Move the stacker to front of the printer with the stand, and then push in the convex portions (A) on both sides of the foot of the stacker until they hit the stand of the printer.

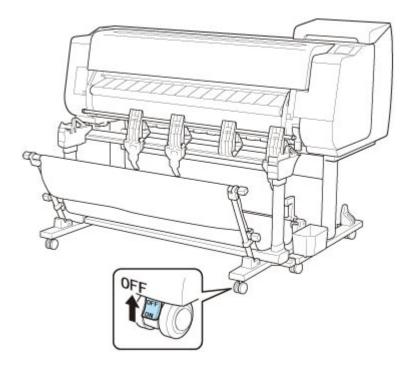


**3.** Set all locks of the four casters of the stacker to the ON position.

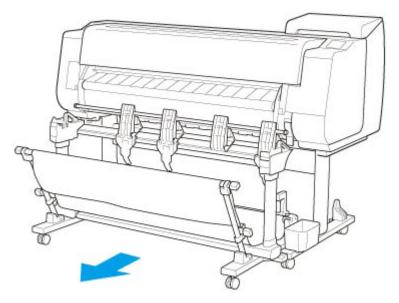


# Removing Stacker from the Printer

**1.** Set all locks of the four casters of the stacker to the OFF position.



**2.** Pull out the stacker toward you to remove the stacker from the printer.



# **Example Stacker Configurations**

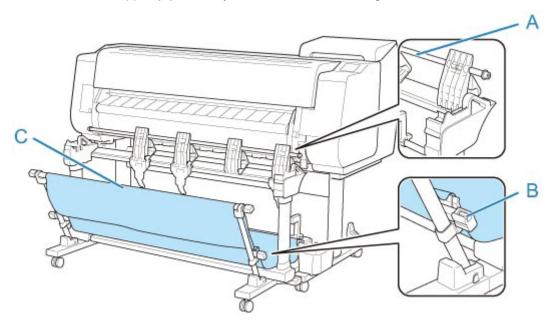
The stacker is used by changing the position depending on the paper size of the printed materials.

#### Important

- Depending on the types of paper, it cannot be stacked in the Position 2, Position 3, or Position 4. In this case, use the Position 1.
- Depending on the printer model, the paper size may not be supported.

## Storing Printed Materials (Position 1)

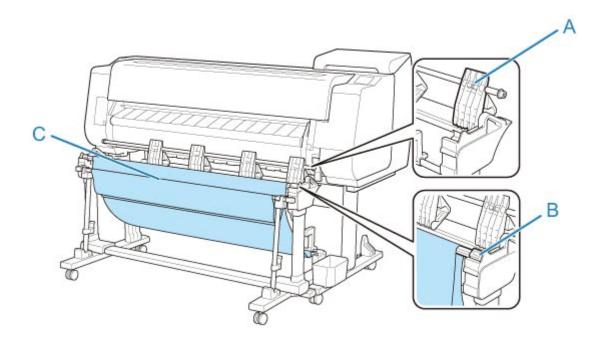
Pull down the rod (fixed) (C) toward you. Set the rod (adjustable) in the groove (B) at the lower of the arm, and then set the flapper (A) vertically so that the stacker configuration is the Position 1.



# Stacking Printed Materials with ARCH E Portrait or A0 Portrait (Position 2)

- · Supported paper size
  - 36"x48" (ARCH E) 36.00 x 48.00 inches (914.4 x 1219.2 mm)
  - A0 33.11 x 46.81 inches (841.0 x 1189.0 mm)

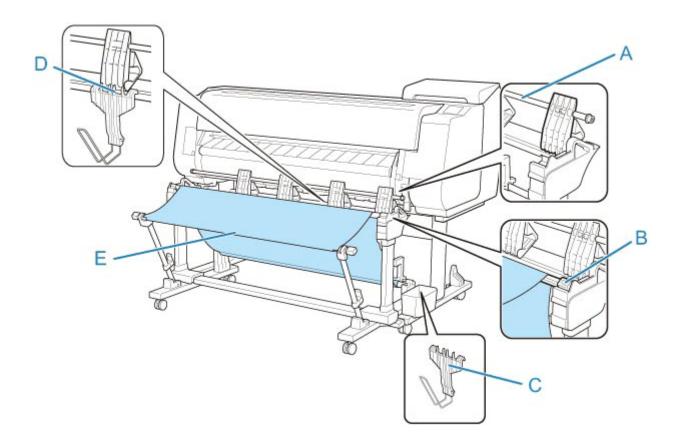
Set the rod (adjustable) in the groove (B) at the upper of the stand, and then push down the rod (fixed) (C) to the printer side. Then set the flapper (A) vertically so that the stacker configuration is the Position 2.



# Stacking Printed Materials with ARCH D Portrait or A1 Portrait (Position 3)

- Supported paper size
  - 24"x36" (ARCH D) 24.00 x 36.00 inches (609.6 x 914.4 mm)
  - A1 23.39 x 33.11 inches (594.0 x 841.0 mm)

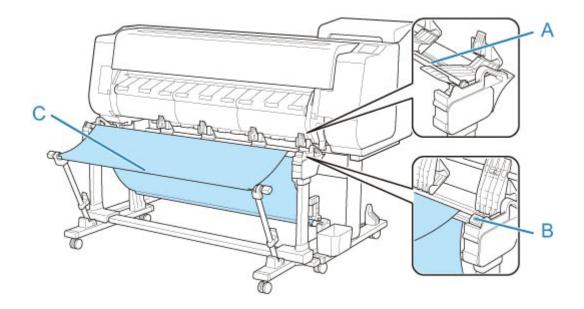
Pull down the rod (fixed) (E) toward you. Set the rod (adjustable) in the groove (B) at the upper of the stand, and then set the flapper (A) vertically so that the stacker configuration is the Position 3. Then attach the paper stopper (C) stored in the accessory pocket of the stand to the lower of the second part (D) from the right side of the flapper.



# Stacking Printed Materials with ARCH D Landscape, ARCH C Landscape, A1 Landscape or A2 Landscape (Position 4)

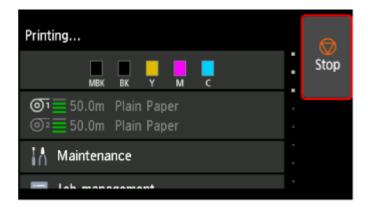
- Supported paper size
  - 24"x36" (ARCH D) 24.00 x 36.00 inches (609.6 x 914.4 mm)
  - 18"x24" (ARCH C) 18.00 x 24.00 inches (457.2 x 609.6 mm)
  - A1 23.39 x 33.11 inches (594.0 x 841.0 mm)
  - A2 16.54 x 23.39 inches (420.0 x 594.0 mm)

Pull down the rod (fixed) (C) toward you. Set the rod (adjustable) in the groove (B) at the upper of the stand, and then set the flapper (A) horizontally so that the stacker configuration is the Position 4.



# **Stopping Printing**

To cancel printing or reception of print jobs, tap **Stop** on the touch screen.



When you tap **Stop** during printing, the behavior of the printer varies depending on the current status.

## You tap Stop before printing starts

A confirmation message is displayed. To cancel the print job, select Yes.

## You tap Stop during printing

A confirmation message is displayed. To cancel the print job immediately, select Yes.

# **Pausing Printing**

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

In this state, all printing is not executed.

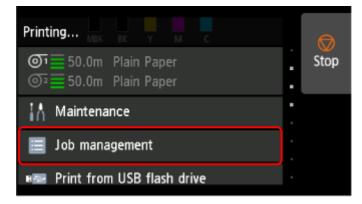
To restore normal operation after pausing printing, set Pause printing to Disable.

# >>>> Note

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



1. Select **Job management** on Home screen during printing.



- 2. Select Pause printing.
- 3. Select Enable.

# Printing

- Printing from Your Computer (Windows)
  - Printing with Easy Setup VBasics
  - Using Roll Unit to Use 2-Level Rolls
  - Printing Photos and Business Documents
    - Printing By Setting Print Purpose
    - Edit in PosterArtist and Print
  - Printing CAD Drawings
    - Printing By Setting Print Purpose
  - Scaled Printing
  - Printing to Oversized Paper Sizes
  - Setting Paper Dimensions (Custom Size)
  - Printing Hanging and Horizontal Banners (Large-Format Printing)
  - See more...

# Printing from Computer (macOS)

- Printing with Easy Setup VBasics
- Using Roll Unit to Use 2-Level Rolls
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)
- Printing Hanging and Horizontal Banners (Large-Format Printing)
- See more...
- HP-GL/2 Printing
- > Printing from Printer
  - Printing Data Saved on USB Flash Drive

# Printing from Smartphone/Tablet

Print Easily from a Smartphone or Tablet with Canon PRINT

- Printing from iOS Device (AirPrint)
- Enlarging Copy with imageRUNNER ADVANCE
- Using Cloud Service
- Managing Print Jobs
  - Handling Print Jobs
  - Using the Printer Hard Disk to Handle Print Jobs

# Printing from Your Computer (Windows)

- Printing with Easy Setup VBasic
- Setting the Number of Copies and Printing Order
- Using Roll Unit to Use 2-Level Rolls
- Printing Photos and Business Documents
- Printing CAD Drawings
- Changing the Print Quality and Correcting Image Data
- Scaled Printing
- Printing to Oversized Paper Sizes
- Setting Paper Dimensions (Custom Size)
- Set a Custom Size Roll Width
- Printing without Edges Based on the Scenarios
- Printing Hanging and Horizontal Banners (Large-Format Printing)
- Printing by Dividing/Joining Documents
- Printing Document in Center of Paper
- Printing by Saving Roll Paper
- Switching the Paper Source to Match the Purpose
- Displaying the Print Results before Printing
- Other Convenient Settings

# Printing with Easy Setup

This section describes the simple setting procedure so that you can carry out appropriate printing on this printer.

# **Printing with Easy Setup**

- 1. Check that printer is turned on
- **2.** Load paper on the printer

Set roll paper or cut sheet to a printer.

- 3. Open the printer driver setup window
- 4. Select the media type

The type of paper set in the printer is displayed.

	Media Type: Plain Paper	
<b>1</b>	Get Information	Specify_
	Easy Settings 🗸 🗸	
	Print Target	
	Default Settings	
	Photo (Dolor)	
	CAD (Color Line D	(a size of
A4:	CAD (Monochrom	
8.27 in x 11.69 in Actual Size	Perspective, GIS	
Actual Size  A4:		
8.27 in x 11.69 in	Print Quality: Standard	~
	The best setting for posters. Prints u colors.	sing wivid and high impact
		~
		View Settings
	Preview before printing	
		ANEW DECOURT

# Important

• See "Paper Information List" for Canon authentic paper or Canon output check paper.

# >>>> Note

- To prevent the printer from automatically applying the media type set on the printer, change the settings in **Custom Settings...** in the **Utility** tab.
- Click Get Information... to display the Paper Information on Printer dialog box. The Paper Information on Printer dialog box allows you to get the paper information from the printer and to set the paper source and the media type on the printer driver.

If **Roll Paper (Auto)** is selected for the paper source, it will remain as **Roll Paper (Auto)** even if you get the paper information from the printer.

- For instructions on changing the media type from the printer's operation panel, see "<u>Changing</u> the Type of Paper."
- 5. Select print target

From the pull-down menu, select **Easy Settings**, and then select the setting that matches your purpose from the **Print Target** list.

🖶 Canon	:
Main Page Setup Layout Favorites	Utility
	Media Type: Plain Paper 🗸 🗸
	Get Information Specify
	Easy Settings 🗸 🗸
	Print Target:
A4: 8.27 in x 11.69 in Actual Size	Default Settings Photo (Dolor) Poster OAD (Oolor Line Drawing) OAD (Monochrome Line Drawing) Perspective, GIS
A4:	Print Quality: Standard 🗸
8.27 in x 11.69 in	The best setting for posters. Prints using wivid and high impaot olors.
-AC-	View Settings
THE	Preview before printing           Status Monitor         Accounting         Defaults
	OK Cancel Apply Help

6. Select the print quality

For Print Quality, select High, Standard or Fast according to your purpose.

🖶 Car	ion	- Second				
Main	Page Setup	Leyout	Favorites	Utility		
		_		Media Type:	tan Paper	
	1				Get Information	Specify_
				Easy Settings	~	
				Print Target		
				BCOR	Defuilt Settings	
					Photo (Dolor) Poster	
_			_		CAD (Dolor Line Drawing)	
A4					CAD (Monochrome Line Dr	aning)
	Actual Size	27 in x 11/	69 in		Perspective, GIS	
A4	:	27 in x 11/	e0. in	Print Quality:	Standard	~
$\sim$	o.	(/ ID X 11)	09 m		e for posters. Prints usine wid	and high impact
	-			colors.		~
	-20		7			View Settings
	K		2	Preview better		Defaults
		4	~	06	Cancel	Apply Help

# >>>> Important

- The print quality settings that can be selected may differ depending on a printing profile.
- 7. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

Canon Printing Preference	s	×
Main Page Setup Layout Favorites	Ubity	
	Page Size:	Letter (8.5"x11") ~
<b>1</b>	Borderless Printi	
	Enlarged/Reduced Pr	inting
	In Paper Size	
	Fit Roll Paper W	idth
	Scaling	Auto 🗘 🙁 (5 - 600)
Letter (8.5"x11") : 8 50 in x 11.00 in	Printer Paper Size:	Same as Page Size 🗸 🗸
Actual Size     Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in		trat 🚺 🔿 Landscape
		trat D Landscape
	📶 🗆 Rotate Page 90	) degrees
	Paper Source:	Roll Paper (Auto) V
N N N	Roll Paper Width:	24 in Rol (609.6mm) ~
<u>ل</u>		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

8. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

Canon Printing Preference	es	>
Main Page Setup Layout Favorites	Utilty	
	Page Size:	Letter (8.5"x11") ~
<b>1</b>	Borderless Printing	Borderless Setting
	Enlarged/Reduced Print	ting
	In Fit Paper Size	
	Fit Roll Paper Wid	th
	Scaling	Auto 🗘 🕱 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Same as Page Size ~
Actual Size     Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	A  Ports	at 🔥 🔿 Landscape
	Rotate Page 90 d	degrees
	Paper Source:	Roll Paper (Auto) 🗸
K K	Roll Paper Width:	24 in Roll (609.6mm) ~
<u>ل</u>		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

9. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

fain Page Setup Layout Favorites	Utity	
	Page Size:	Letter (8.5"x11")
	Borderless Printing	Borderless Setting
	Enlarged/Reduced Printing	
	In Fit Paper Size	
	Fit Roll Paper Width	
	Scaling	Auto 🗘 🛠 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Same as Page Size
Actual Size		
Letter (8.5"x11") : 8.50 in x 11.00 in	Orientation	<b>T</b> 1 -
	<ul> <li>Portrat</li> </ul>	C Landscape
	📶 🗌 Rotate Page 90 deg	rees
	Paper Source:	Roll Paper (Auto)
		24 in Roll (609.6mm)
N	Roll Paper Widh:	24 in Holl (603.6mm)
IN	Roll Paper Width:	Roll Paper Options
I	Roll Paper Width: Output Method	

10. Complete the setup

### Click OK.

When you print, the document is printed with settings that match your purpose.

Canon Printing Preferen		
Main Page Setup Layout Favorites		
	Page Size:	Letter (8.5"x11")
<b>*</b>	Borderless Print	Borderless Setting
	Enlarged/Reduced P	hinting
	In Fit Paper Size	
	O Fit Roll Paper V	Vidth
	Page Size: Letter (3.5'x11')  Borderless Printing Borderless Setting  Frilarged /Reduced Printing  Fri Roll Paper Size  Fri Roll Paper Width Size  Printer Paper Size: Same as Page Size	
Letter (8.5"x11") :	Printer Paper Size:	Same as Page Size ~
Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	▲ @ Pc	otrat 🚺 🔿 Landscape
	🔚 🗆 Rotate Page 9	0 degrees
	Paper Source:	Roll Paper (Auto)
N N	Roll Paper Width:	24 in Roll (609.6mm)
1		Roll Paper Options
-	Output Method	Size Options Defaults
	ок	Cancel Apply Help

## >>>> Note

• If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can execute Print, but you may not obtain the correct printing result.

# **Checking Printer Settings and Applying Settings to Printer Driver**

1. Open printer driver setup window

# 2. Click Get Information ... on Main tab

The Paper Information on Printer dialog box appears.

## 3. Select the paper source

From **Paper Source**, check the setting or select a new paper source. The current printer settings appear in **Media Type** and **Roll Paper Width**.

# **4.** Apply settings

To apply the printer settings to the printer driver, click **OK**.

# Note

- If the media type and the output paper size are not set on the printer, **OK** will be grayed out and cannot be clicked.
- If communication with the printer is disabled, printer media information from the printer cannot be obtained.

# Setting the Number of Copies and Printing Order

The procedure for specifying the number of copies and printing order is as follows:

- 1. Open the printer driver setup window
- 2. Specify the number of copies to be printed

For Copies on the Layout tab, specify the number of copies to be printed.

Canon Printing Preference		>
Main Page Setup Layout Favorites	Utity Page Layout:	Poster (2 x 2) V
	Stamp:	CONFIDENTIAL V
Letter (8.5°x11°) : 8.50 in x 11.00 in Actual Size Letter (8.5°x11°) : 8.50 in x 11.00 in	Print Center     Print Center     Print Center     Print Center	red
	No Spaces	at Top or Bottom
N	Copies:	1 😳 (1 - 999)
	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

3. Specify the print order

Check the **Print from Last Page** check box when you want to print from the last page in order, and uncheck the check box when you want to print from the first page.

4. Complete the setup

Click OK.

When you execute print, the specified number of copies will be printed with the specified printing order.

# >>>> Important

 When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application software and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.

# Using Roll Unit to Use 2-Level Rolls

- About 2-Level Roll Switching
- > Setting the Paper Rolls in the Printer According to the Intended Use
- > Printing by Automatically Switching Upper-level and Lower-level Roll Papers
- **•** How to Switch Paper Rolls
- Reflect Roll Unit Settings in the Printer Driver

# About 2-Level Roll Switching

This printer allows you to load roll paper in two levels. The upper level (Roll 1) and the lower level (Roll 2) can be automatically switched depending on the print job.

Printing by automatically switching Roll 1 and Roll 2 in this way is called "2-level roll switching."

- For instructions on setting the paper, see "<u>Setting the Paper Rolls in the Printer According to the</u> <u>Intended Use</u>."
- For the 2-level roll switching procedure, see "Printing by Automatically Switching Upper-level and Lowerlevel Roll Papers."
- Guidelines on how to switch Roll 1 and Roll 2 for certain cases are summarized in "<u>How to Switch Paper</u> <u>Rolls</u>."

Refer to this section if a document cannot be printed as intended or as necessary.

# Setting the Paper Rolls in the Printer According to the Intended Use

If you want to switch the 2-level rolls, set the paper rolls on the upper and lower level of the printer in one of the ways described below depending on the intended use.

• When automatically switching from paper roll 1 to paper roll 2 to match the paper size specified for the print job

Set two paper rolls of the same type of paper but of different width on the upper and on the lower trays. **Example of how to set the paper** 

Paper-feeding tray	Roll Width	Media Type
Upper-level	24 in Roll (609.6mm)	Plain Paper
Lower-level	A1/A2 Roll (594.0mm)	Plain Paper

• When automatically switching from paper roll 1 to paper roll 2 role to match the paper type specified for the print job

Set two paper rolls of the same width but of different types of paper on the upper and on the lower trays. Alternatively, set two paper rolls of different width and different types of paper on the upper and on the lower trays.

## Setting the paper (Example 1)

Paper-feeding tray	Roll Width	Media Type
Upper-level	A1/A2 Roll (594.0mm)	Plain Paper
Lower-level	A1/A2 Roll (594.0mm)	Canon Coated Paper

## Setting the paper (Example 2)

Paper-feeding tray	Roll Width	Media Type
Upper-level	36 in Roll (914.4mm)	Plain Paper
Lower-level	A1/A2 Roll (594.0mm)	Canon Coated Paper

# Important

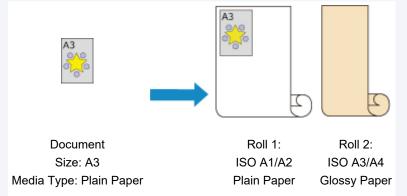
- 2-level roll switching is not possible when the paper rolls being fed on the platen are not compatible with automatic cut-off. For checking which types of paper are compatible with automatic cut-off, look up the paper you want to use on the "Paper Information List."
- If Auto (Use Printer Settings) is selected for Media Type in the Main sheet, you cannot switch between upper and lower rolls corresponding to the media type specified by the print job. If different types of roll paper are set for the upper and lower rolls, specify the media type, such as plain paper or enameled paper, in Media Type.

# >>>> Note

- For information on how to set the paper rolls in the printer, see "Handling rolls."
- When rolls of different types of paper and of different width are set in the upper and lower trays, the
  paper roll matching the type of paper specified for the print job will be used.

Depending on the settings, an error may occur causing the wrong paper roll to be used; in such cases,

it is recommended that, instead of using 2-level roll switching, you specify which one is best between paper roll 1 and paper roll 2 and print.



• To learn how to switch paper- feeding trays, see "How to switch paper rolls."

# Printing by Automatically Switching Upper-level and Lowerlevel Roll Papers

You can print by automatically switching Roll 1 and Roll 2 depending on the media type or your purpose.

The procedure for printing by switching the roll papers is as follows:

- 1. Load roll papers in upper and lower levels of printer
- 2. Open the printer driver setup window
- 3. Select the media type

The type of paper set in the printer is displayed.

		Media Type:	Plain Paper	
	<b>1</b>		Get Information Specify	
		Easy Settin	65 V	
		Print Target		
		SBCD	Default Settings	
		-	Photo (Dolor)	
			Poster	
A4:			CAD (Dolor Line Drawing) CAD (Monochrome Line Drawing)	
	8.27 in x 11.69 in	1	Perspective, GIS	
🕂 🕂 Actua	Size			
A4:	0.0712	Print Quality	Standard	~
A	8.27 in x 11.69 in		etting for posters. Prints using wivid and high impac	e û
	Co		View Settin	61
		Preview be	fore printing	

## >>>> Note

- If Automatically switch paper sources (paper size priority) is grayed out, refer to "<u>Reflect Roll</u> <u>Unit Settings in the Printer Driver</u>" and set Roll Unit in the Device Information dialog box to Yes.
- 4. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

5. For Paper Source, select Roll Paper (Auto)

	Page Setup	Layout	Favortes	Utility			
		_1			Page Size:	Letter (8.5"x11")	~
	-				Borderless Printing	Borderless Setting	
					Enlarged/Reduced Printin	9	
					In Fit Paper Size		
					O Fit Roll Paper Width		
_			_		Scaling	Auto 🗘 % (5 - 600)	
Let	tter (8.5"x11") 8.9	: 50 in x 11	00 in	æ	Printer Paper Size:	Same as Page Size	
	Actual Size		9999988				
Let	tter (8.5"x11") 8.9	: 50 in x 11	00 in	One	rtation		
					<ul> <li>Portrait</li> </ul>	▲ ◯ Landscape	
1	S		-0	1	Rotate Page 90 deg	rees	
l		-1		_			
				Paper	Source:	Roll Paper (Auto)	~
	હે સ		r	Roll P	aper Width:	24 in Roll (609.6mm)	~
1						Roll Paper Options	-
		r			Autput Method	Size Options Defaults	_

6. Select roll paper width

For Roll Paper Width, select the width of the roll paper loaded in the printer.

7. Selecting the printing method for the roll paper

When performing enlarged/reduced printing in accordance with the roll width, place a checkmark next to **Enlarged/Reduced Printing** and select the **Fit Roll Paper Width**.

8. Set the other items

To rotate the document 90 degrees and print it, select the **Rotate Page 90 degrees** check box. The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.



• If you rotate a portrait document 90 degrees and print it at that horizontally, you may be able to save paper depending on the paper size.

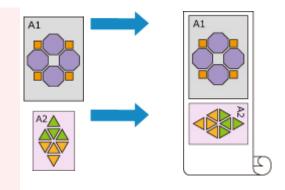
# Important

• When you select the **Rotate Page 90 degrees** check box and print the document, the document will be rotated 90 degrees only if the vertical length of the document fits in the width set in **Roll Paper Width**.

Therefore to use this function, correctly set **Roll Paper Width** to the width of one of the roll papers loaded in the printer.

Document

Roll Width: ISO A1/A2 Roll (594.0 mm)



- If the roll papers loaded in the upper and lower levels are different media types, the document is printed on the roll paper that matches the media type specified in the print job.
   If the document is being rotated 90 degrees for printing and the roll papers loaded in the upper and lower levels have different widths and different media types, set the correct combination of width and media type so that they match one of the roll papers loaded in the printer.
- 9. Complete the setup

### Click OK.

When you print, the paper source is switched automatically to roll paper.

# Important

- On the operation panel, if Printer settings -> Paper-related settings -> Roll paper auto switching is set to Do not identify size, the document may be printed on the unintended roll paper. Canon recommends that you set this setting to Identify size before you print.
- 2-level roll switching is not possible when the paper rolls being fed on the platen are not compatible with automatic cut-off. For checking which types of paper are compatible with automatic cut-off, look up the paper you want to use on the "Paper Information List."
- If Auto (Use Printer Settings) is selected for Media Type in the Main sheet, you cannot switch between upper and lower rolls corresponding to the media type specified by the print job. If different types of roll paper are set for the upper and lower rolls, specify the media type, such as plain paper or enameled paper, in Media Type.

## Note Note

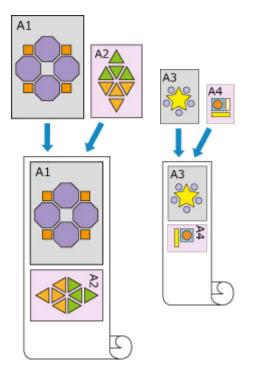
• For details about how to switch the source levels depending on the print job, see "<u>How to Switch Paper</u> <u>Rolls</u>."

# Printing by Saving Paper

Depending on the paper size that was specified in the print job, the printer automatically identifies the roll paper that will produce the smaller margins.

Whether or not the page is rotated 90 degrees, the printer prints using conditions that produce the smallest paper margins from among the Roll1 and Roll2 combinations.

Document



Roll 1: ISO A1/A2 Roll 2: ISO A3/A4

## 1. Display the Devices and Printers window

Select the **Control Panel** -> **Hardware and Sound (Hardware)** -> **Devices and Printers**. The **Devices and Printers** window is displayed.

## 2. Display setup window

Right-click the "Your model name" icon, and select **Printer properties**. The printer's **Properties** window appears.

### 3. Set automatic paper source switching

On the **Device Settings** tab, select the **Automatically switch paper sources (paper size priority)** check box.

Canon		3
Color	Management Security Device	Settings
		r sources (pager size priority)
	printed paper size is auton	-
	Even more paper can be s in the printer driver.	wed by turning on Rotate Page 90 degrees
	Roll Paper Woth 1:	24 in Roll (609.6mm) 🗸 🗸
	Roll Paper Width 2:	24 in Roll (609.5mm) 🗸 🗸
طر ۲		Get in formation
_		
	Update Media Ir	formation Accounting
	Preferences. Devic	e Information About
	OK (	Dancel <u>A</u> oply Help

## 4. Click Get Information...

When the confirmation message appears, click Yes.

Your computer gets the paper size information from the printer and displays the width of the roll paper that is actually loaded in the printer.

### Important

• When you replace the roll paper loaded in the printer, always click **Get Information...** to obtain the roll paper width information. If the roll paper width is not set correctly, you may not be able to print the document as intended.

5. Open the printer driver setup window

### 6. Select the media type

The type of paper set in the printer is displayed.

7. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

## 8. For Paper Source, select Roll Paper (Auto)

9. Select roll paper width

For Roll Paper Width, select the width of the roll paper loaded in the printer.

**10.** Set the other items

To rotate the document 90 degrees and print it, select the **Rotate Page 90 degrees** check box.

# **11.** Complete the setup

Click OK.

When you print, the paper source is switched automatically to roll paper.

# Important

- This method switches the upper and lower levels depending on the paper size specified in the print job. Always load the same media type for the roll papers in the upper and lower levels of the printer. If different types of paper are loaded, an error could occur and you may not be able to print the document as intended.
- If roll papers of the same width and type are loaded in the upper and lower levels and you want to automatically switch the roll papers, clear the **Automatically switch paper sources (paper size priority)** check box.

# >>>> Note

• If Roll 1 and Roll 2 produce the same margins, Roll 1 is used for printing.

# How to Switch Paper Rolls

Here we will explain how, in certain situations, paper roll 1 and paper roll 2 are switched. Refer to this information when necessary, for example, when documents will not print as expected, etc.

If you select **Roll Paper (Auto)** under **Paper Source** in the **Page Setup** tab, of the two paper rolls loaded in the lower and upper trays of the printer, the one best suited for the print job will be automatically selected.

Whether paper roll 1 or paper roll 2 will be used, is determined through a sequence of judgment based on the 7 conditions in the table below.

At such times, the **Printer settings -> Paper-related settings -> Detect paper setting mismatch** in the Printer unit's Operation panel will switch to the result of the judgment based on the process described below.

- If the Detect paper setting mismatch setting is set on Pause or Hold job
- If the Detect paper setting mismatch setting is Display warning or Do not detect

## >>>> Important

• If the lower roll unit is not loaded or if the roll unit that was set as the take-up unit is loaded, the roll paper cannot be switched automatically.

# >>>> Note

- If Error or On hold are displayed, replace the paper to match the requirements of the print job.
- In order to minimize paper waste, it is recommended that you configure the operation panel on the Printer unit as indicated below.
  - In Printer settings -> Paper-related settings, set Roll paper auto switching to Identify size
  - In Paper settings display area -> (Each paper type) -> Paper settings -> Advanced, set
     Detect paper width to Enable
- If, on the **Device Settings** tab, a checkmark appears next to **Automatically switch paper sources** (paper size priority), do not follow the table below.

### If the Detect paper setting mismatch setting is set on Pause or Hold job

	Condition	Situation	Judgment result
		Only one of either paper roll 1 or paper roll 2 is long enough	Select the paper roll of sufficient length
Condi-	Whether the paper roll loaded on the printer is	Neither paper roll 1 nor paper roll 2 are long enough	Error
tion 1	long enough to print the paper size specified for the print job.	Both paper roll 1 and paper roll 2 are long enough	
		On the Printer's menu, <b>Manage</b> remaining roll amount is set on <b>Disable</b> (length of the paper roll cannot be determined)	To Condition 2
Condi- tion 2	Whether the paper roll loaded on the printer matches the paper type specified for the print job. *1	Only one of either paper roll 1 or paper roll 2 matches the paper type	Select the paper roll matching the paper type

		Neither roll 1 nor roll 2 match the paper type	Error / On hold
		Both paper roll 1 and paper roll 2 match the paper type	To Condition 3
Condi- tion 3	In the Printer menu, how has the <b>Roll paper</b> auto switching setting changed?	It has changed to <b>Do not identi-</b> fy size	Select the paper roll currently be- ing fed into the platen *2
		It has changed to <b>Identify size</b>	To Condition 4
		Only one of either paper roll 1 or paper roll 2 is compatible with borderless printing	Select the paper roll compatible with borderless printing
Condi- tion 4	If borderless printing has been indicated for the print job (if it has not, on to condition 5)	Neither paper roll 1 nor paper roll 2 are compatible with borderless printing	Error
		Both paper roll 1 and paper roll 2 are compatible with borderless printing	To Condition 5
		Only one of either paper roll 1 or paper roll 2 has the width speci- fied for the print job	Select the paper roll of the match- ing width
Condi-	Whether the width of the paper roll loaded on the printer matches the paper width specified for the print job (only when printing borderless or enlarging/reducing)	Neither paper roll 1 nor paper roll 2 have a width matching the one specified for the print job	Error / On hold
tion 5		Both paper roll 1 and paper roll 2 have a width matching the one specified for the print job	To Condition 6
		Paper roll width has not been specified for the print job	
	Whether the width of the paper size specified	The width of the paper size specified for the print job only fits within the width of paper roll 1 or paper roll 2	Select the paper roll in which the width of the paper size fits comforta- bly
Condi- tion 6	for the print job fits within the width of the pa- per roll loaded on the printer.	The width of the paper size specified for the print job does not fit within the width of either paper roll 1 or paper roll 2	Error
		The width of the paper size specified for the print job fits	To Condition 7

		within the width of both paper roll 1 and paper roll 2	
Condi- tion 7	Is the width of paper roll 1 different from the width of paper roll 2?	Roll width is different	Select the paper roll whose width is closer to the width specified for the print job
		Roll width is the same	Select the paper roll currently be- ing fed into the platen *2

\*1 If **Auto (Use Printer Settings)** is selected for **Media Type** in the **Main** sheet, the media type set in the printer is recognized as being consistent with the media type specified in the print job.

\*2 In the following cases, neither roll 1 nor roll 2 are being fed onto the platen. In such cases, paper roll 1 is selected.

- When the printer has switched to sleep mode and has returned to the initial position
- When the printer has been turned on
- When cut sheet has been fed into the printer and has exited it

### If the Detect paper setting mismatch setting is set on Display warning or Do not detect

Condition		Situation	Judgment result
		Only one of either paper roll 1 or paper roll 2 is long enough	Select the paper roll of sufficient length
Condi-	Whether the paper roll loaded on the printer is	Neither paper roll 1 nor paper roll 2 are long enough	Error
tion 1	long enough to print the paper size specified for the print job.	Both paper roll 1 and paper roll 2 are long enough	
		On the Printer's menu, <b>Manage</b> remaining roll amount is set on <b>Disable</b> (length of the paper roll cannot be determined)	To Condition 2
	Whether the paper roll loaded on the printer	Only one of either paper roll 1 or paper roll 2 matches the paper type	Select the paper roll matching the paper type
Condi- tion 2	matches the paper type specified for the print	Neither roll 1 nor roll 2 match the paper type	To Condition 3
		Both paper roll 1 and paper roll 2 match the paper type	
Condi- tion 3	In the Printer menu, how has the <b>Roll paper</b> auto switching setting changed?	It has changed to <b>Do not identi- fy size</b>	Select the paper roll currently being fed into the platen *1

		It has changed to <b>Identify size</b>	To Condition 4	
		Only one of either paper roll 1 or paper roll 2 is compatible with borderless printing	Select the paper roll compatible with borderless printing	
Condi- tion 4	If borderless printing has been indicated for the print job (if it has not, on to condition 5)	Neither paper roll 1 nor paper roll 2 are compatible with borderless printing	Error	
		Both paper roll 1 and paper roll 2 are compatible with borderless printing	To Condition 5	
		Only one of either paper roll 1 or paper roll 2 has the width speci- fied for the print job	Select the paper roll of the match- ing width	
Condi- tion 5	Whether the width of the paper roll loaded on the printer matches the paper width specified for the print job (only when printing borderless or enlarging/reducing)	Neither paper roll 1 nor paper roll 2 have a width matching the one specified for the print job		
		Both paper roll 1 and paper roll 2 have a width matching the one specified for the print job	To Condition 6	
		Paper roll width has not been specified for the print job		
		The width of the paper size specified for the print job only fits within the width of paper roll 1 or paper roll 2	Select the paper roll in which the width of the paper size fits comforta- bly	
Condi- tion 6	Whether the width of the paper size specified for the print job fits within the width of the pa- per roll loaded on the printer.	The width of the paper size specified for the print job does not fit within the width of either paper roll 1 or paper roll 2	To Condition 7	
		The width of the paper size specified for the print job fits within the width of both paper roll 1 and paper roll 2		
Condi- tion 7	Is the width of paper roll 1 different from the width of paper roll 2?	Roll width is different	Select the paper roll whose width is closer to the width specified for the print job	
		Roll width is the same	Select the paper roll currently being	

\*1 In the following cases, neither roll 1 nor roll 2 are being fed onto the platen. In such cases, paper roll 1 is selected.

- When the printer has switched to sleep mode and has returned to the initial position
- When the printer has been turned on
- When cut sheet has been fed into the printer and has exited it

# **Reflect Roll Unit Settings in the Printer Driver**

Reflect printer unit's Roll Unit settings in the printer driver.

If the printer unit settings are reflected in the printer driver, the paper that can be set in the printer driver settings will change to a status suitable to the printer unit status.

The following explains the procedure to reflect Roll Unit settings in the printer driver.

1. Display the Devices and Printers window

Select the **Control Panel** -> **Hardware and Sound** (Hardware) -> **Devices and Printers**. The **Devices and Printers** window is displayed.

2. Display setup window

Right-click the "Your model name" icon, and select **Printer properties**. The printer's **Properties** window appears.

# 3. Click the Device Settings tab's Device Information

Click **Acquire Status** in the displayed **Device Information** dialog box, and then click **Yes**. Printer unit settings will be reflected in the printer driver.

## >>>> Important

In the event the lower roll unit is not set or the roll unit is being used as a wrapping device, the value of Roll Unit will be set to No. In this case, Automatically switch paper sources (paper size priority) will be grayed out and cannot be selected. Also, the Paper Source items that can be selected in the Page Setup tab will change.

# **Printing Photos and Business Documents**

- Printing By Setting Print Purpose
- Edit in PosterArtist and Print

# Printing By Setting Print Purpose

The print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print with settings that match the document.

The procedure for printing by using a print purpose is as follows:

- 1. Open the printer driver setup window
- 2. Select the media type

The type of paper set in the printer is displayed.

	Media Type: Plain Paper Get Information.	. Specify_
*		- abreak
	Eesy Settings	× .
	Print Target	
	Default Setting	
	Photo (Dolor)	
	Poster	Provide all
(A4:	CAD (Doior Line	me Line Drawing)
8.27 in x 11.69 in	Perspective, GR	
Actual Size		
A4 :	Print Quality: Standard	~
8.27 in x 11.69 in	The best setting for posters. Prints colors.	s using wivid and high impact
-40-		View Settings
K	Preview before printing	

3. Select print setting mode

From the pull-down menu, select **Easy Settings**.

Main Page Setup Layout Favorites	Usity
	Meda Type: Flan Paper  Get Information Specify_ Easy Settings Print Target
A4 : 8.27 in x 11.69 in Actual Size	Photo (Dolor)     Poster     CAD (Dolor Line Drawing)     CAD (Monochrome Line Drawing)     Perspective, GIS
A4 : 8.27 in x 11.69 in	Print Guality: Standard  The best setting for posters. Prints using wild and high impaot olors.
	View Settings
IN	Preview before printing Status Monitor Accounting Defaults
	OK Cancel Apply Help

## 4. Select print purpose

For Print Target, select the setting that matches the document.

#### **Default Settings**

Select this when printing general documents such as business documents.

#### Photo (Color)

Select this when printing color illustrations or photos.

#### Poster

Select this when printing posters.

#### CAD (Color Line Drawing)

Select when printing data such as drawings.

#### CAD (Monochrome Line Drawing)

Select when printing data such as drawings in monochrome.

#### Perspective, GIS

Select when printing data such as perspectives and GIS.

# >>>> Note

• To check the settings of the items that are set by Print Target, click View Settings.

#### 5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

The current settings are displayed in the settings preview on the left side of the window.

	Page Size:	Letter (8.5"x11")
<b>*</b>	Borderless Printing	Borderless Setting
	Enlarged/Reduced Printing     Interference Size	
	Fit Roll Paper Width	
	Scaling	Auto 🗘 🛠 (5 - 600)
Letter (8.5"x11") :	_	
8.50 in x 11.00 in	Printer Paper Size:	Same as Page Size ~
Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	Potrat	🔥 🔿 Landscape
	-	
-AC-	📩 🗌 Rotate Page 90 degr	ees
	Paper Source:	Roll Paper (Auto)
		24 in Roll (609.6mm)
N	Roll Paper Width:	we are the free second
N	Roll Paper Width:	
IN	Roll Paper Width:	Roll Paper Options

**6.** Select the paper source

For **Paper Source**, select the setting that matches your purpose.

## 7. Set the other items

Set the other items as necessary.

# 8. Complete the setup

Click OK.

When you print, the document is printed with settings to match the specified print purpose.

# **Edit in PosterArtist and Print**

Word processing and spreadsheet software documents and web browser screens, etc. can be edited a print from PosterArtist.

The following explains the procedure for editing original documents made in multiple application software in PosterArtist and printing in a poster layout.

- 1. Open the printer driver setup window
- 2. Select edit in PosterArtist

Check Page Layout in the Layout tab and select Edit Using PosterArtist from the pull-down menu.

Canon Printing Preference	5	×
Main Page Setup Layout Favorites	Ubity	
	Page Layout:	Edt Using PosterAtist 🗸 🗸
		Set
	Stamp:	CONFIDENTIAL $\vee$
		Define Stamp
Letter (8.5"x11") : 8.50 in x 11.00 in	Print Center	ed
Actual Size Letter (8.5"x11"):     8.50 in x 11.00 in	⊆ ⊊5 ⊡ Rotate 180	degrees
	No Spaces	at Top or Bottom
	Copies:	1 🗘 (1 - 999)
		Print from Last Page
	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

## >>>> Note

• Edit Using PosterArtist may not be available for use depending on the usage environment.

3. Start up PosterArtist

Click OK. When printing is executed, PosterArtist starts up and PageCapture window opens.

- 4. Select page to get in PosterArtist
- 5. Edit page in PosterArtist

Image editing and sorting is implemented in PosterArtist. By repeating steps 1 through 4 without closing the PosterArtist window, documents made in multiple application software can be arranged on one page.

After editing is complete, please print from PosterArtist menu.



• For instructions on how to edit and rearrange images, refer to the PosterArtist manual.

# Printing CAD Drawings

Printing By Setting Print Purpose

# Printing By Setting Print Purpose

The print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print with settings that match the document.

The procedure for printing by using a print purpose is as follows:

- 1. Open the printer driver setup window
- 2. Select the media type

The type of paper set in the printer is displayed.

	Media Type: Plain Paper Get Information.	. Specify_
*		- abreak
	Eesy Settings	× .
	Print Target	
	Default Setting	
	Photo (Dolor)	
	Poster	Provide all
(A4:	CAD (Doior Line	me Line Drawing)
8.27 in x 11.69 in	Perspective, GR	
Actual Size		
A4 :	Print Quality: Standard	~
8.27 in x 11.69 in	The best setting for posters. Prints colors.	s using wivid and high impact
-40-		View Settings
K	Preview before printing	

3. Select print setting mode

From the pull-down menu, select **Easy Settings**.

Main Page Setup Layout Favorites	Usty
	Meda Type: Flan Paper  Get Information Specify_ Easy Settings Print Target
A4 : 8.27 in x 11.69 in Actual Size	Photo (Dolor)     Poster     CAD (Dolor Line Drawing)     CAD (Monochrome Line Drawing)     Perspective, GIS
A4 : 8.27 in x 11.69 in	Print Guality: Standard  The best setting for posters. Prints using wild and high impaot olors.
	View Settings
IN	Preview before printing Status Monitor Accounting Defaults
	OK Cancel Apply Help

## 4. Select print purpose

For **Print Target**, select the setting that matches the document.

#### **Default Settings**

Select this when printing general documents such as business documents.

#### Photo (Color)

Select this when printing color illustrations or photos.

#### Poster

Select this when printing posters.

#### CAD (Color Line Drawing)

Select when printing data such as drawings.

#### CAD (Monochrome Line Drawing)

Select when printing data such as drawings in monochrome.

#### Perspective, GIS

Select when printing data such as perspectives and GIS.

# >>>> Note

• To check the settings of the items that are set by Print Target, click View Settings.

### 5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

The current settings are displayed in the settings preview on the left side of the window.

	Page Size:	Letter (8.5"x11")
	Borderless Printing	Borderless Setting
	Enlarged/Reduced Printing     Interfection     Fit Paper Size	
	Fit Roll Paper Width	
	⊖ Scaling	Auto 🗘 % (5 - 600)
Letter (8.5"x11") :	_	
8 50 in x 11.00 in Actual Size	Printer Paper Size:	Same as Page Size ~
etter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	<ul> <li>Portrat</li> </ul>	🔥 🔿 Landscape
	<b>5</b>	
	C Rotate Page 90 degr	ees
	Paper Source:	Roll Paper (Auto)
	Roll Paper Width:	24 in Roll (609.6mm)
N N		Roll Paper Options
		Not Paper Options

6. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

## 7. Set the other items

Set the other items as necessary.

### 8. Complete the setup

Click OK.

When you print, the document is printed with settings to match the specified print purpose.

# Changing the Print Quality and Correcting Image Data

- Adjusting Color Balance
- Setting the Print Quality Level (Custom)
- > Printing a Color Document in Monochrome
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Contrast
- Printing Using Detailed Setting Mode

# Adjusting Color Balance

You can adjust the color tints when printing.

Since this function adjusts color balance of the output by changing the ink ratios of each color, it changes the total color balance of the document. Use the application software when you want to change the color balance significantly. Use the printer driver only when you want to adjust the color balance slightly. The following sample shows the case when color balance is used to intensify cyan and to diminish yellow so that the overall colors are more uniform.



No adjustment Adjust color balance

The procedure for adjusting color balance is as follows:

- 1. Open the printer driver setup window
- 2. Select the advanced settings

Select Advanced Settings from the pull-down menu on the Main tab.

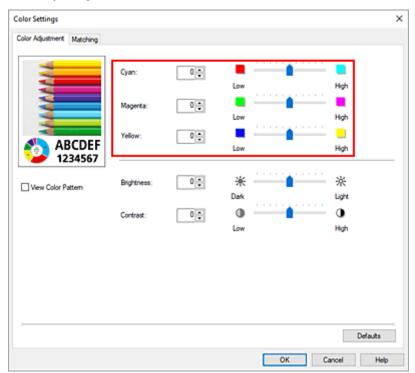
	Media Type: Ptain I	Paper	
<b>2</b> 1	0	et Information	Specify_
	Advanced Settings	~	
	Print Priority:	Image	~
	Print Quality:	Standard	~
			Resolution:300dp
(A4:	Color Mode:	Color	~
8.27 in x 11.69 in			Oolor Settings
Actual Size			
8.27 in x 11.69 in	Thicken Fine Line	1\$	
	Preview before prin	ting	
No.	· · · · · · · · · · · · · · · · · · ·		
K			

3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears. **4.** Adjust color balance

The **Color Adjustment** tab has individual sliders for **Cyan**, **Magenta**, and **Yellow**. Each color becomes stronger when the corresponding slider is moved to the right, and becomes weaker when the corresponding slider is moved to the left. For example, when cyan becomes weaker, the color red becomes stronger.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.



After adjusting each color, click OK.

5. Complete the setup

Click **OK** on the **Main** tab. When you execute print, the document is printed with the adjusted color balance.

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Contrast

Custom on the Print Quality tab allows you to set detailed print quality levels.

The procedure for setting the print quality level is as follows:

- 1. Open the printer driver setup window
- 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

	Media Type: Plain	Paper	
	C	jet information	Specify_
	Advanced Settings	~	
	Print Priority:	image	v
	Print Quality:	Standard	~
			Resolution:300d
A4:	Color Mode:	Color	~
8.27 in x 11.69 in			Oolor Settings
Actual Size     A4 :			
8.27 in x 11.69 in	Thicken Fine Line	e:	
-40-			
<b>H</b>	Preview before prin	ting	

3. Select the print quality

For **Print Quality**, select **Custom**. The **Custom** dialog box opens.



#### Important

- If Auto (Use Printer Settings) is selected for Media Type, Custom cannot be selected.
- 4. Setting the print quality level

Drag the slider bar to select the print quality level and click **OK**.

### Important

• Certain print quality levels cannot be selected depending on the settings of Media Type.

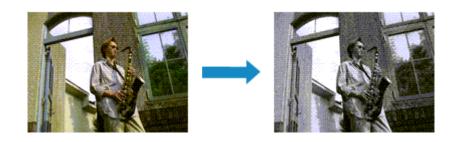
### 5. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the image data is printed with the selected print quality level.

- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Contrast

## Printing a Color Document in Monochrome



The procedure for printing a color document in monochrome is as follows:

- 1. Open the printer driver setup window
- 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

	Media Type: Plain I	Paper	
	G	iet Information	Specify_
	Advanced Settings	~	
	Print Priority:	Image	~
	Print Quality:	Standard	~
			Resolution:300d
A4:	Color Mode:	Color	~
8.27 in x 11.69 in Actual Size			Color Settings
A4 :			
8.27 in x 11.69 in	Thicken Fine Line	1\$	
	Preview before prin	ting	
N S S			

3. Select color mode

For Color Mode, select Monochrome or Monochrome Bitmap.

#### >>>> Note

- The selectable **Color Mode** depends on the media type selected for **Media Type** on the **Main** tab.
- You can select **Monochrome Bitmap** for **Color Mode** only if **Line Drawing/Text** is selected in **Print Priority**.
- 4. Complete the setup

#### Click OK.

When you execute print, the document is converted to grayscale data. It allows you to print the color document in monochrome.

### >>>> Important

 When Monochrome or Monochrome Bitmap are selected, the printer driver processes image data as sRGB data. In this case, actual colors printed may differ from those in the original image data.
 When using the grayscale printing function to print Adobe RGB data, convert the data to sRGB data using an application software.

### >>>> Note

• When Monochrome or Monochrome Bitmap is selected, inks other than black ink may also be used.

# **Specifying Color Correction**

You can specify the color correction method suited to the type of document to be printed. Normally, when data is printed, the printer driver automatically adjusts the colors.

When you want to print by using the color space of the image data effectively, select **ICM** or, **ICC Profile Matching**. When you want to use an application software to specify a printing ICC profile, select **Off**.

The procedure for specifying color correction is as follows:

- 1. Open the printer driver setup window
- 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

	Media Type:	Plain Paper	
		Get Information	Specify_
	Advanced Set	tings v	
	Print Priority:	Image	~
	Print Quality:	Standard	~
			Resolution:300dp
(A4:	Color Mode:	Color	~
8.27 in x 11.69 in			Color Settings
Actual Size     A4:			
8.27 in x 11.69 in	Thicken Fit	ne Lines	
	Preview be to	ore printing	
K I			

3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears.

4. Select color correction

Click **Matching** tab, select **Color Correction** setting that matches your purpose from the following, and click **OK**.

Color Settings			×
Color Adjustment	Matching		
Color Correction			
Driver Matching ICC Profile Matc ICM Off	hing		
Rendering Intern	:	Saturation (Poster/CAD)	v
			Defaults
			OK Cancel Help

#### **Driver Matching**

Print with the optimal color using the printer driver's original color profile. Normally, you should choose this mode.

#### **ICC Profile Matching**

Carry out color matching using the ICC profile. Specify the input profile, printer profile and matching method in detail, and select when printing. You can use the digital camera or scanner ICC profile, or the ICC profile created using the profile creation tool.

#### ICM

Perform color matching on the host computer using the Windows ICM function. Select when printing from an ICM function-compatible application.

#### Off

Print without performing color matching on the printer driver. Select this when performing color matching using applications such as Adobe Photoshop, or printing a color chart using a profile creation tool.

5. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the document data is printed with the specified color correction.

#### >>>> Important

- When ICM is disabled in the application software, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.
- If Auto (Use Printer Settings) is selected for Print Priority in Advanced Settings, the Matching sheet is not displayed, and color correction occurs according to printer settings.

- Optimal Photo Printing of Image Data
- Adjusting Colors with the Printer Driver
- Printing with ICC Profiles

# **Optimal Photo Printing of Image Data**

When people print images taken with digital cameras, they sometimes feel that the printed color tones differ from those of actual image or those displayed on the monitor.

To get the print results as close as possible to the desired color tones, you must select a printing method that is best suited to the application software used or to your purpose.

## **Color Management**

Devices such as digital cameras, scanners, monitors, and printers handle color differently. Color management (color matching) is a method that manages device-dependent "colors" as a common color space.

For Windows, a color management system called "ICM" is built into the operating system. sRGB is one of the common color spaces that is frequently used.

ICC profiles convert device-dependent "colors" into a common color space. By using an ICC profile and carrying out color management, you can draw out the color space of the image data within the color reproduction area that the printer can express.

### >>>> Note

 Normally, image files are saved in JPEG format. Some digital cameras allow you to save images in a format called RAW. RAW data refers to an image saving format that requires a computer to develop the image. You can embed an input ICC profile tag into a RAW file by using special application software.

## Selecting a Printing Method Suited to the Image Data

The recommended printing method depends on the color space of the image data or the application software to be used.

There are two typical printing methods.

Check the color space of the image data and the application software to be used, and then select the printing method suited to your purpose.

#### Adjusting Colors with the Printer Driver

This section describes the procedure for printing data by using the color correction function of the printer driver.

Select this function when you want to print impressions that are close to those displayed on the monitor, for example, if you corrected the colors while checking the print image on the monitor.

#### **Printing with ICC Profiles**

Describes the procedure for printing by using the color space of the image data effectively. You can print with a common color space by setting up the application software and the printer driver so that the color management matches the input ICC profile of the image data.

The method for setting up the printer driver differs depending on the application software to be used.

# Adjusting Colors with the Printer Driver

To use printer driver matching when printing, turn on the printer driver's color correction function. Printer driver matching accurately applies the characteristics of data displayed on the monitor and allows you to obtain print results of impressions that are close to those displayed on the monitor.

### >>>> Important

- When printing using printer driver matching, Canon recommends that you set the monitor and the environment light as follows:
  - Monitor
     Color temperature: D50 (5000K)
     Brightness: 100 to 120cd/m2
     Gamma: 2.2
     Environment light
     Fluorescent light for D50 color evaluation (color temperature 5000K, high color rendering properties)
     Brightness when looking at printed materials: 500 lx ± 125 lx

### >>>> Note

• When printing from an application software that can identify ICC profiles and allows you to specify them, use a printing ICC profile in the application software, and select settings for color management.

The procedure for adjusting colors with the printer driver is as follows:

- 1. Open the printer driver setup window
- 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

	Media Type: Plain I	Paper	
5	G	et Information	Specify_
	Advanced Settings	~	
	Print Priority:	Image	×
	Print Quality:	Standard	· · · · · · · · · · · · · · · · · · ·
			Resolution:300d
A4:	Color Mode:	Color	
8.27 in x 11.69 in			Color Settings
Actual Size     A4 :			
8.27 in x 11.69 in	Thicken Fine Line	15	
	Preview before prin	ting	
K S			

**3.** Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears.

4. Select color correction

Click Matching tab, and select Driver Matching for Color Correction.

Color Settings			×
Color Adjustment Match	ng		
Color Correction:			
Driver Matching ICC Profile Matching ICM Off			
Rendering Intent:	Saturation (Poster/CAD)		~
			Defaults
		ОК	Cancel Help

5. Select the rendering intent

Select the coloring adjustment method in Rendering Intent.

#### **Perceptual (Photo)**

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

#### Saturation (Poster/CAD)

Reproduces vivid colors on data such as a poster. In addition, prints in easy-to-see colors suitable for line drawing.

6. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click OK.

7. Complete the setup

Click **OK** on the **Main** tab. When you print, the colors get adjusted by the printer driver when printing the data.

## **Related Topics**

Setting the Print Quality Level (Custom)

- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Contrast

# **Printing with ICC Profiles**

When the image data has a specified input ICC profile, you can print by using the color space of the data effectively.

The printer driver setting procedure varies depending on the application software used to print.

## Specify an ICC Profile from the Application Software and Print the Data

When you print the editing and touch-up results of Adobe Photoshop, Canon Digital Photo Professional, or any application software that allows you to specify input and printing ICC profiles, you print by effectively using the color space of the input ICC profile specified in the image data.

To use this printing method, use your application software to select color management items and specify an input ICC profile and a printing ICC profile in the image data.

Even if you print using a printing ICC profile that you created yourself, be sure to select color management items from your application software.

For instructions, refer to the manual of the application software you are using.

- 1. Open the printer driver setup window
- **2.** Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

		Media Type:	Plain Paper	~
			Get Information	Specify_
		Advanced Se	tings 🗸 🗸	
		Print Priority:	Image	×
		Print Quality:	Standard	~
				Resolution:300dpi
A4:		Color Mode:	Color	~
8.27	in x 11.69 in			Color Settings
Actual Size				
	'in x 11.69 in	Thicken Fi	ne Lines	
		-		
	the second se	Preview beft	ore printing	
В	the second se			

3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears.

4. Select color correction

Click Matching tab, and select Off for Color Correction.

olor Settings		)
Color Adjustment Matching		
Color Correction: Driver Matching		
Driver Matching ICC Profile Matching ICM		
D4		
	De	faults
	OK Cancel	Help

5. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click **OK**.

6. Complete the setup

Click **OK** on the **Main** tab. When you execute print, the printer uses the color space of the image data.

## Specify an ICC Profile with the Printer Driver, and then Print

When you print from application software that cannot identity input ICC profiles or does not allow you to specify one, the data color space is printed as sRGB.

- 1. Open the printer driver setup window
- 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

Main Page Setup Layout Favorites	s Utility				
	Media Type:	Plain Paper	r		~
		Get In	formation	Specify_	
	Advanced S	Settings	~		
	Print Priorit	¥	Image		$\sim$
	Print Quality	¥.	Standard		$\sim$
				Resolution	:300dpi
(A4:	Color Mode:		Color		~
8.27 in x 11.69 in				Color Settings	
Actual Size     A4 ;					
8.27 in x 11.69 in	Thicken	Fine Lines			
	Preview be	fore printing			
K				ing Defin	

3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears.

4. Select color correction

Click Matching tab, and select ICC Profile Matching for Color Correction.

olor Settings		3
olor Adjustment Match	ing	
Color Correction:		
Driver Matching		
Driver Matching ICC Profile Matching ICM Off		
hout Profile:	sRGB IEC61965-2.1	~
Printer Profile:	Auto Settings	~
Rendering Intent:	Perceptual	~
		Defaults
		OK Cancel Help

5. Select input profile

Select the Input Profile you want to use.



- When the application software specifies an input profile, the input profile setting of the printer driver becomes invalid.
- 6. Select the printer profile

Select **Printer Profile** as follows:

- To set the printer profile automatically: Select **Auto Settings**.
- To set the printer profile manually: Select a printer profile that matches the media type to be used.
- 7. Select the rendering intent

Select the coloring adjustment method in **Rendering Intent**.

#### Saturation

Reproduces vivid colors on data such as a poster. In addition, prints in easy-to-see colors suitable for line drawing.

#### Perceptual

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

#### Important

- When you select **Perceptual** to print images, Canon recommends that you set the monitor and the environment light as follows:
  - Monitor
     Color temperature: D50 (5000K)
     Brightness: 100 to 120cd/m2
     Gamma: 2.2
  - Environment light
     Fluorescent light for D50 color evaluation (color temperature 5000K, high color rendering properties)
     Brightness when looking at printed materials: 500 lx ± 125 lx

#### **Relative Colorimetric**

When image data is converted to the color space of the printer, this method converts the image data so the color reproduction approximates the shared color regions. Select this method to print image data with colors that are close to the original colors.

#### Absolute Colorimetric

When **Relative Colorimetric** is selected, white spots are reproduced as white spots of the paper (background color). However, when **Absolute Colorimetric** is selected, how the white spots are reproduced depends on the image data.

#### Important

• Depending on the media type, you may obtain the same print results even when you change the **Rendering Intent** setting.

#### 8. Set the other items

If necessary, click **Color Adjustment** tab, and adjust the color balance (**Cyan**, **Magenta**, **Yellow**) and adjust **Brightness**, and **Contrast** settings, and then click **OK**.

#### 9. Complete the setup

Click **OK** on the **Main** tab.

When you execute print, the printer uses the color space of the image data.

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Contrast

# Adjusting Brightness

You can brighten or darken the colors of the overall image data during printing.

The following sample shows the case when light colors are darkened when the image data is printed.



No adjustment Darken light colors

The procedure for adjusting brightness is as follows:

- 1. Open the printer driver setup window
- 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

Canon Main Page Setup Layout Favorites	UNRY				×
	Media Type:	Plain Paper	1		~
*			formation	Specify.	
	Advanced S	ettings	~		
	Print Priority		Image		~
	Print Quality		Standard		$\sim$
Lancesco				Resoluti	ion:300dpi
(A4:	Color Mode:		Color		~
8.27 in x 11.69 in				Color Settin	ęs
Actual Size     A4 :					
8.27 in x 11.69 in	Thicken #	ine Lines			
	Preview be	fore printing			
	Status	Monitor	Accounti	ns De	fiults
		ОК	Cencel	Apply	Help

3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears.

4. Adjust brightness

On the **Color Adjustment** tab, moving the **Brightness** slider to the right brightens (dilutes) the colors, and moving the slider to the left darkens (intensifies) the colors.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.

olor Settings Color Adjustment Matching					×
	Cyan:	0	<b>—</b>	····· <b>•</b>	
	Magenta:	0	Low	Hgh	
	Yellow:	0.	Low	Hgh	
4BCDEF 1234567		Ŭ.	Low	Hgh	
View Color Pattern	Bightness:	0	* —		
	Contrast:	0	Dark	Light	
			Low	Hgh	
				Defau	its .
			ОК	Cancel	Help

5. Complete the setup

Click **OK** on the **Main** tab. When you execute print, the data is printed at the adjusted brightness.

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Contrast

# **Adjusting Contrast**

You can adjust the image contrast during printing.

To make the differences between the light and dark portions of images greater and more distinct, increase the contrast. On the other hand, to make the differences between the light and dark portions of images smaller and less distinct, reduce the contrast.



No adjustment

Adjust the contrast

The procedure for adjusting contrast is as follows:

1. Open the printer driver setup window

### 2. Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

	Media Type: Plain I	Paper	`
	G	iet Information	Specify_
	Advanced Settings	~	
	Print Priority:	Image	~
	Print Quality:	Standard	~
			Resolution:300dp
(A4:	Color Mode:	Color	~
8.27 in x 11.69 in			Color Settings
Actual Size			
8.27 in x 11.69 in	Thicken Fine Line	15	
	2		
and the second se	Preview before prin	tine	
	Children of the buy		

3. Select color mode

For **Color Mode**, select **Color**, and then click **Color Settings...**. The **Color Settings** dialog box appears.

4. Adjust the contrast

On the **Color Adjustment** tab, moving the **Contrast** slider to the right increases the contrast, and moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. The current settings are displayed in the settings preview on the left side of the printer driver.

After adjusting each color, cl	lick <b>OK</b> .
--------------------------------	------------------

Color Settings					×
Color Adjustment Matching					
	Cyan:	0	• • • • • •	·····	
			Low	High	
3	Magenta:	0			
			Low	Hgh	
ABCDEF	Yellow:	0	Low	Hgh	
1234567					
View Color Pattern	Brightness:	0	*	*	
View Color Pattern			Dark	Light	
	Contrast:	0	0	•	
			Low	Hgh	
				Defa	uts
			ОК	Cancel	Help

5. Complete the setup

Click **OK** on the **Main** tab. When you execute print, the image is printed with the adjusted contrast.

- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Color Balance
- Adjusting Brightness

# Printing Using Detailed Setting Mode

You can print by using your own settings instead of the pre-registered Print Target settings.

The procedure for using the detailed setting mode and printing is as follows:

- 1. Open the printer driver setup window
- 2. Select the media type

The type of paper set in the printer is displayed.

Main Page Setup Layout Favorites U		an Paper	
		Get Information	Specify_
	Easy Settings	~	
	Print Target		
A4 : 8.27 in x 11.69 in Actual Size		Default Settings Photo (Dolor) Poster CAD (Dolor Line Drawing) CAD (Monochrome Line Dr Perspective, GIS	1990)
A4 :	Print Quality:	Standard	~
8.27 in x 11.69 in	The best settin colors.	e for posters. Prints usine widd	and high impact
			View Settings
K	Preview before Status Mo		Defiuits

**3.** Select advanced settings

From the Main tab pull-down menu, select Advanced Settings.

lain Page Setup Layout Favorite	is Utility			
	Media Type:	Plain Paper		`
		Get Int	formation	Specify_
	Advanced S	ettings	~	
	Print Priority	¢.	Image	~
	Print Quality		Stendard	~
				Resolution:300dp
(A4:	Color Mode:		Color	~
8.27 in x 11.69 in				Color Settings
Actual Size A4 ;				
8.27 in x 11.69 in	Thicken I	Fine Lines		
	_			
	Preview be	fore printing		
K				
	Status	Monitor	Accountin	c Defaults

**4.** Set print conditions

Set the following items as necessary.

### **Print Priority**

Select elements to prioritize for print results.

#### **Print Quality**

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

#### **Color Mode**

Selects color adjustment method.

#### **Thicken Fine Lines**

To make thin lines thicker and easier to see when printing, add a checkmark.

#### 5. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

The current settings are displayed in the settings preview on the left side of the window.

Canon Printing Preference	5	×
Main Page Setup Layout Favorites	Utilty	
	Page Size:	Letter (8.5"x11") ~
	Borderless Printing Enlarged/Reduced Prin ® Fit Paper Size	
	<ul> <li>Fit Roll Paper Wo</li> <li>Scaling</li> </ul>	ath Auto 🗘 🗶 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in Actual Size	Printer Paper Size:	Same as Page Size $\qquad \lor$
Letter (8.5'x11') : 8.50 in x 11.00 in	Orientation	
	Paper Source:	Roll Paper (Auto)
	Roll Paper Width:	24 in Roll (509.6mm) ~ Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

6. Select the paper source

For Paper Source, select the setting that matches your purpose.

7. Set the other items

Set the other items as necessary.

#### 8. Complete the setup

#### Click OK.

When you print, the document is printed with the print conditions you set.

- Adjusting Color Balance
- Setting the Print Quality Level (Custom)
- Specifying Color Correction
- Adjusting Brightness
- Adjusting Contrast

# **Scaled Printing**

The procedure for printing a document with pages enlarged or reduced is as follows:

- 1. Open the printer driver setup window
- 2. Select the paper size of the document

Using Page Size on the Page Setup tab, select the page size that is set with your application software.

3. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

4. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

5. Select scaled printing

Check the Enlarged/Reduced Printing check box.

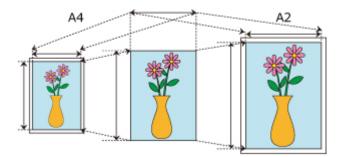
Canon Printing Preferences	:	×
Main Page Setup Layout Favorites	Julity	
	Page Size:	Letter (8.5"x11") ~
	Borderless Printing	
	Enlarged/Reduced Prin	ting
	Fit Paper Size	
	O Fit Roll Paper Wid	
	Scaling	Auto 🗘 🎋 (5 - 600)
Letter (8.5"x11") : 8 50 in x 11.00 in	Printer Paper Size:	Same as Page Size $\qquad \lor$
Auto Scale: 100% Letter (8.5'x11') :	Orientation	
850 in x 11.00 in	A  Ports	at 🚺 🔿 Landscape
	🗐 🗆 Rotate Page 90 d	degrees
	Paper Source:	Roll Paper (Auto) V
N N	Roll Paper Width:	24 in Roll (609.6mm) 🗸 🗸
<b>بر</b> ا		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

6. Set one of scaling methods described below

From the items listed below, select the setting that matches your purpose and select the corresponding check box.

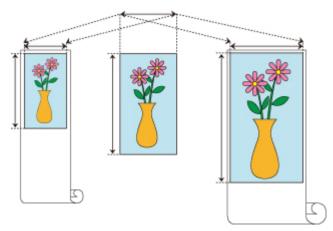
The current settings are displayed in the settings preview on the left side of the window.

Fit Paper Size



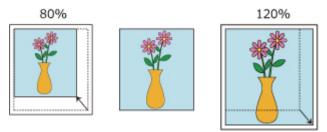
Scales the document to match the paper size.

• Fit Roll Paper Width



Scales the document to match the roll paper width.

#### Scaling



Allows you to specify the scaling by entering a number directly or by selecting the paper size you want from the **Printer Paper Size** list.

The document is reduced when a size smaller than the **Page Size** setting is selected from the **Printer Paper Size** list, and enlarged when a size larger is selected.

7. Complete the setup

#### Click OK.

When you execute print, the document will be printed with the specified scale.

### >>>> Important

- When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the printer driver.
- If you are performing enlarged/reduced printing when Automatically switch paper sources (paper size priority) in the Device Settings tab is enabled, Fit Roll Paper Width is selected for Enlarged/

**Reduced Printing** on the **Page Setup** tab, and **Roll Paper (Auto)** is selected for **Paper Source**, Roll 1 (upper level roll paper) is always used for printing.

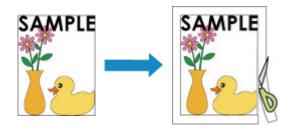
### >>>> Note

• Selecting **Enlarged/Reduced Printing** changes the printable area of the document.

# **Printing to Oversized Paper Sizes**

When printing a created document so that it fills the entire paper width, select a paper size from the **Oversize** list (sizes resulting from adding margins necessary for printer operation to the document sizes) so that all areas of the document are printed at their actual size.

A printout that has the same area as the document can be obtained by trimming the outer margins after printing.



The procedure for printing with oversize is as follows:

- 1. Open the printer driver setup window
- 2. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

3. Click Size Options...

Canon Printing Preference		:
Main Page Setup Layout Favorites	Page Size:	Letter (8.5"x11") ~
<b>1</b>	Borderless Printi	
	Enlarged/Reduced Pr	inting
	In Paper Size	
	Fit Roll Paper W	
	Scaling	Auto 🗘 🕸 (5 - 600)
Letter (8.5'x11'): 8 50 in x 11.00 in Actual Size	Printer Paper Size:	Same as Page Size $\qquad \lor$
Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	A @ Po	rtrat 🚺 🔿 Landscape
	🗐 🗆 Rotate Page 90	) degrees
	Paper Source:	Roll Paper (Auto)
N N N	Roll Paper Width:	24 in Roll (609.6mm) ~
		Roll Paper Options
•	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

The Paper Size Options dialog box opens.

4. Select oversize

Select the **Oversize** check box, and click **OK**.

		Custom Paper S	size Name:	
Size 28.66 x 40.55 20.28 x 28.66 14.33 x 20.28 10.12 x 14.33 34.00 x 44.00 28.00 x 40.00	^	Units Paper Size	Omm ⊛inch	
22:00 x 34:00 17:00 x 22:00 13:00 x 19:00 11:00 x 17:00 8:50 x 11:00	Ŷ	Fix the Ra Width: Height:	tio of the Width to Heig 8.50  inch(3 11.00  inch(3)	.94 - 36.10)
				A00
3. A4) 3. B4) B4)	Ø5 AR	CH (A, B,)	Photo Other	
	28 66 x 40, 55 20 28 x 28, 66 14 33 x 20 28 10 12 x 14 33 34 00 x 44, 00 22 00 x 34, 00 17, 00 x 22, 00 13, 00 x 19, 00 11, 00 x 17, 00 8, 50 x 11, 00 3, A4,) 3, B4,)	28.65 ± 40.55 20.28 ± 28.66 14.33 ± 20.28 10.12 ± 14.33 34.00 ± 44.00 28.00 ± 40.00 22.00 ± 34.00 17.00 ± 22.00 13.00 ± 19.00 11.00 ± 17.00 8.50 ± 11.00 ↓ 4 DU 3. A4) ♀ 4 DU	Size	Size

The current settings are displayed in the settings preview on the left side of the Page Setup tab.

#### 5. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

#### 6. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

7. Set the other items

Set the other items as necessary.

8. Complete the setup

Click OK.

When you print, the document is printed using oversize.

#### Important

- When printing to oversized paper sizes, use paper that has the following necessary margins added to the document size.
  - Cut sheet: 6 mm or more added to width and 23 mm or more added to height of document size
  - Roll paper: 6 mm or more added to width and 6 mm or more added to height of document size

#### >>>> Note

- An oversized paper size cannot be used for the largest paper size that can be loaded in the printer.
- To set an oversized paper size for a non-standard paper size, register the paper size in the Paper Size Options dialog box. An oversized paper size cannot be set for paper sizes that were set in the Custom Size Settings dialog box.

# Setting Paper Dimensions (Custom Size)

You can specify the height and width of paper when its size cannot be selected from the **Page Size**. Such a paper size is called "custom size."

There are two ways of setting a user-defined paper, setting the paper from **Size Options...** on the **Page Setup** tab and setting the paper from **Custom Size** of **Page Size**.

If you will be using a user-defined paper repeatedly, setting it from **Size Options...** is convenient because it becomes registered to **Page Size** and can be selected any time after that.

If you want to use a user-defined paper temporarily, setting it from **Custom Size** is suitable.

The procedure for specifying a custom size is as follows:

## **Setting from Paper Size Options**

- **1.** Open the printer driver setup window
- 2. Click Size Options... on the Page Setup tab

🖶 Ca	non	Printing P	reference	5		
Main	Page Setup	Layout 8	avortes	Ublity		
		_1		르	Page Size:	Letter (8.5"x11") ~
	-			-	Borderless Printi	-
				_	larged/Reduced Pr	inting
					It Paper Size	
					Fit Roll Paper W	Adh
_					Scaling	Auto 🗘 % (5 - 600)
		50 in x 11.00	) in	حك	Printer Paper Size:	Same as Page Size $\qquad \lor$
	<ul> <li>Actual Size ter (8.5"x11")</li> </ul>			Orient	alico.	
9	8.5	50 in x 11.00	0 in		▲ () Po	rfrat 🔥 🔿 Landscape
				<b>*</b>	Rotate Page 90	0 degrees
<b>۱</b>				Paper S	iource:	Roll Paper (Auto)
	સ	-		Roll Pag	er Width:	24 in Roll (609.6mm)
1		┛┛┛	~			Roll Paper Options
		2		Out	put Method	Size Options Defaults
					ОК	Cancel Apply Help

The Paper Size Options dialog box opens.

3. Set user-defined paper

Set **Custom Paper Size Name**, **Units**, and **Size**, and then click **Add**. For **Size**, specify a size or select the paper size to be used from **Paper Size List**. To narrow down the paper sizes displayed in **Paper Size List**, select the **Display Series** check box.

aper Size List:			Custom Paper Size Name:	
Name • 81 • 82 • 83 • 84 • 44" (ANSI E) • 23"x40" (ANSI F) • 22"x34" (ANSI D) • 17"x22" (ANSI C) • 13"x19" (Super B) • 11"x17" (Ledger) • Letter (8.5"x11") Delete	Size 28.66 x 40.55 20.28 x 28.66 14.33 x 20.28 10.12 x 14.33 34.00 x 44.00 28.00 x 40.00 22.00 x 34.00 17.00 x 22.00 13.00 x 19.00 11.00 x 17.00 8.50 x 11.00	~	Units Units Units Units Paper Size Borderless Printing Size Fix the Ratio of the Width to Heir Width: 8.50 © Inch( Height: 11.00 © Inch( Register with the OS	3.94 - 36.10)
Display Series				
🗹 1 ISO A(A	3. A4)	Ø4 DI	N (C3, C4,) Photo	
2 ISO B(B	3, 84,)	☑ 5 AF	CH (A, B,) 🖸 Other	
3 JIS (B3,	B4)	C 6 Al	ISI (A. B)	

#### >>>> Note

- By selecting the **Borderless Printing Size** check box for **Paper Size**, you can select a size from the paper sizes that support **Borderless Printing**. By selecting the **Fix the Ratio of the Width to Height** check box, you can change the size while keeping the **Width** and **Height** ratio.
- 4. Set user-defined paper

Click OK, then it returns to Page Setup tab.

The paper size registered by using **Custom Paper Size Name** is registered to **Custom Paper Size** of **Page Size** and can be selected at any time.

### **Setting from Custom Size**

- 1. Open the printer driver setup window
- 2. Select the paper size

For Page Size on the Page Setup tab, select Custom Size from the Custom Paper Size list.

	Page Size:	Custom Size
	Borderless P	inting Borderless Setting
	Enlarged/Reduced	d Printing
	In Fit Paper Size	e
	Fit Roll Pape	r Width
	Scaling	Auto 🗘 🛠 (5 - 600)
Custom Size :	Printer Paper Siz	Same as Page Size
8 27 in x 11.69 in Actual Size	Printer Paper Sc	Same as Page Size V
Custom Size :	Orientation	
8.27 in x 11.69 in		Portrait 🚺 🔿 Landscape
	<b>_</b>	30000
	📶 🗌 Rotate Page	e 90 degrees
	Paper Source:	Roll Paper (Auto)
See See	Roll Paper Width:	24 in Roll (609.6mm)
N N		
N		Roll Paper Ontinge
		Roll Paper Options

The Custom Size Settings dialog box opens.

ustom Size Settin	gs	×
Paper Size		
Widh:	322 0 inch(3.94 - 36	.10)
Height:	11.69 ( inch(8.00 - 12	5.98)
Units		
Omm	Inch	
<b>A</b> 11		
OK	Cancel	Help

3. Set the custom paper size

Enter the Width and Height values of the paper to be used, specify the Units, and then click OK.

4. Complete the setup

Click **OK** on the **Page Setup** tab. When you execute print, the data is printed with the specified paper size.

#### >>>> Important

- If the application software that created the document has a function for specifying height and width values, use the application software to set the values. If the application software does not have such a function or if the document does not print correctly, perform the above procedure from the printer driver to set the values.
- Printing may be disabled depending on the size of the specified user-defined media. For information about printable sizes for user-defined media, see "<u>Paper Sizes</u>."
- Any paper size that was set by using **Custom Size** can no longer be used after the application software is closed.

### >>>> Note

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can still print but you may not be able to obtain correct print results.
- The maximum configurable size with **Custom Size** is 3.2m.

# Set a Custom Size Roll Width

By specifying the roll paper width with a value, you can use roll paper with a width that cannot be selected in **Roll Paper Width**.

The procedure for setting custom size roll width is described below.

- 1. Open the printer driver setup window
- 2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

Ranon Printing Preference	es	×
Main Page Setup Layout Favorites	Utility	
	Page Size:	Letter (8.5"x11") ~
<u>*</u>	Borderfess Printin	
	Fit Paper Size	
	Fit Roll Paper We	đh
	Scaling	Auto 🗘 % (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in Actual Size	Printer Paper Size:	Same as Page Size $\qquad \lor$
Letter (8.5"x11") : 850 in x 11.00 in	Orientation	rat 🚺 🔿 Landscape
	Rotate Page 90	degrees
	Paper Source:	Roll Paper (Auto) V
N N N	Roll Paper Width:	24 in Roll (609.6mm) 🗸 🗸
		Roll Paper Options
-	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

3. Select paper roll width

In Roll Paper Width, select User-defined1 (XXXX) / User-defined2 (XXXX). The Custom Size Settings dialog box opens.

4. Set paper roll width

Specify Units, enter the roll width you want to use, and then click OK.

Custom Size Settings		×
Roll Paper Width		
Width: [	0.00 🔄 inch(8)	00 - 36.10)
Units		
Omm	() ind	h
ОК	Cancel	

#### >>>> Note

- If the value you entered is the same as the other roll widths, a message will be displayed, and the other roll paper sizes will be set.
- **5.** Complete the setup

Click **OK** on the **Page Setup** tab.

If you perform the print, the roll paper with the specified width will be used for printing with each setting applied.

#### >>>> Note

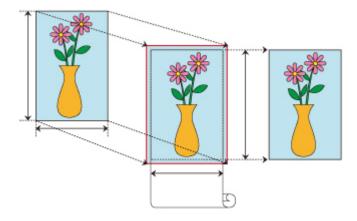
- If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can execute Print, but you may not obtain the correct printing result.
- If you select a paper feed method for the custom size roll paper in **Get Information...** in the **Main** tab, **Roll Paper Width** is set to **Custom Size (XXXX)**.

However, if the same custom size is already set in **User-defined1 (XXXX)** or **User-defined2 (XXXX)**, it will not be set to **Custom Size (XXXX)**, and **User-defined1 (XXXX)** or **User-defined2 (XXXX)** will be selected instead.

### Printing without Edges Based on the Scenarios

- Printing without Margins to Match Paper Size
- > Printing without Margins to Match Roll Paper Width
- Printing Full-Size without Margins
- > Three-sided Borderless Printing on Roll Paper

### Printing without Margins to Match Paper Size



The procedure for borderless printing by enlarging or reducing documents to match paper size is described below.

- 1. In the printer driver, open the settings screen
- 2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

**3.** Select paper roll width

For paper roll width, enter the same value set in the printer under Roll Paper Width.

#### 4. Select borderless printing

Place a checkmark next to the Borderless Printing option.

fain Page Setup Layout Favort	tes Utilty		
	Page Size:	Letter (8.5"x11")	~
<u>*</u>	Borderless Printi	ng Borderless Setti	ng
	Borderless Printing Metho	bd	
	O Fit Paper Size		
	Scale to ft Rol	Paper Width	
	O Print Image with	Actual Size	
Letter (8.5"x11") :	Printer Paper Size:	Ato	~
8 50 in x 11.00 in Borderless (Roll Width)	ring rope see.	1000	~
24 in Roll (609.6mm) :	Orientation		
24.00 in x 31.10 in	▲ @ Po	rtrait 🚺 🔿 Landscape	
	📶 🗌 Rotate Page 90	) degrees	
ANY STATE	Paper Source:	Roll Paper (Auto)	~
- d -	Roll Paper Width:	24 in Roll (609.6mm)	~
		Roll Paper Optic	-
		The Paper open	
ート			
7	Output Method	Size Options Defa	

After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

#### 5. Select a method for printing borderless

#### Select Fit Paper Size in Borderless Printing Method.

If the size of the document is different from the size of the paper you want to print on, select the paper size you want to print on from **Printer Paper Size**.

#### 6. Complete the setting process

#### Click OK.

If you print now, the document will be printed without margins to fit the paper size.

### >>>> Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.

When this happens, crop the image with the application software to match paper size.

- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the Roll Paper Options dialog box select No from the Automatic Cutting list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.

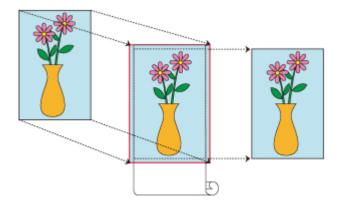
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.

- If you print borderless while Automatically switch paper sources (paper size priority) in the Device Settings tab is on, in the Page Setup tab, under Borderless Printing Method, you will only be able to select Scale to fit Roll Paper Width. In such cases, paper roll 1 (the paper roll in the upper tray) will be normally used for printing. If the size, or the type, of the paper set in roll 1 is not compatible with borderless printing, you will not be able to print borderless.
- The following roll paper supports borderless printing.
  - Paper Sizes
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
   See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

### >>>> Note

• When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

# Printing without Margins to Match Roll Paper Width



Procedure for printing borderless by enlarging/reducing documents to match roll paper width.

- 1. In the printer driver, open the settings screen
- 2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under Roll Paper Width.

4. Select borderless printing

Place a checkmark next to the **Borderless Printing** option.

Canon Printing Preference	s	×
Main Page Setup Layout Favorites	Utility	
	Page Size:	Letter (8.5"x11") ~
	Borderless Printing	
	Borderless Printing Method	
	Scale to fit Roll Pa	per Width
	O Print Image with A	ctual Size
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Auto $\sim$
Borderless (Roll Width) 24 in Roll (609.6mm) :	Orientation	
24.00 in x 31.10 in	<ul> <li>Portra</li> </ul>	at 🔥 🔿 Landscape
	🗐 🗌 Rotate Page 90 d	legrees
	Paper Source:	Roll Paper (Auto)
- 8 -	Roll Paper Width:	24 in Roll (609.6mm) ~
1		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

#### 5. Select a method for printing borderless

#### Select Scale to fit Roll Paper Width in Borderless Printing Method.

6. Complete the setting process

#### Click OK.

Job will print to the entire roll width without a white border.

#### Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper. When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the Roll Paper Options dialog box select No from the Automatic Cutting list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.

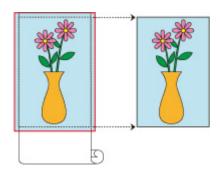
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.

- If you print borderless while Automatically switch paper sources (paper size priority) in the Device Settings tab is on, in the Page Setup tab, under Borderless Printing Method, you will only be able to select Scale to fit Roll Paper Width. In such cases, paper roll 1 (the paper roll in the upper tray) will be normally used for printing. If the size, or the type, of the paper set in roll 1 is not compatible with borderless printing, you will not be able to print borderless.
- The following roll paper supports borderless printing.
  - ➡ Paper Sizes
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
   See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

#### >>>> Note

• When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

# **Printing Full-Size without Margins**



Procedure for printing borderless images in the same size as the original document without enlarging/ reducing them.

- 1. In the printer driver, open the settings screen
- 2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under Roll Paper Width.

4. Select borderless printing

Place a checkmark next to the **Borderless Printing** option.

	Page Size:	Letter (8.5"x11")	
Letter (8.5'x11'): 8.50 in x 11.00 in Berderless (Ital Woth) 24 in Rol (609 6mm): 24.00 in x 31.10 in	Borderless Printing Methe     Offer Paper Size     Scale to fit Rol     Print Image with     Printer Paper Size:     Orientation     Orientation     Orientation     Orientation     Orientation     Orientation	od Paper Width Actual Size Auto Atta	ing
T	Paper Source: Roll Paper Width:	Roll Paper (Auto) 24 in Roll (509.6mm) Roll Paper Optic	ons
•			

After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

5. Select a method for printing borderless

Select Print Image with Actual Size in Borderless Printing Method.

6. Complete the setting process

Click OK.

If you print, the document is printed in the original size without white borders.

#### Important

• If **Amount of Extension** is set to the second from the right, create the source document with a size 2mm larger on each of the top, bottom, left and right sides than the size of the paper you wish to print.

### >>>> Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.
- When this happens, crop the image with the application software to match paper size.
- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the Roll Paper Options dialog box select No from the Automatic Cutting list. When you do so, the document will be printed without the left and right margins. After the printed material has exited the printer and has been cut, cut the upper and lower edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.

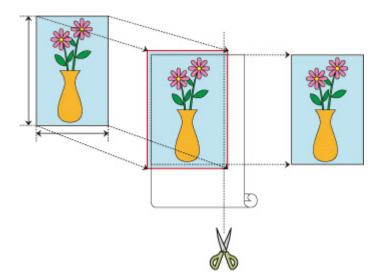
You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.

- If you print borderless while Automatically switch paper sources (paper size priority) in the Device Settings tab is on, in the Page Setup tab, under Borderless Printing Method, you will only be able to select Scale to fit Roll Paper Width. In such cases, paper roll 1 (the paper roll in the upper tray) will be normally used for printing. If the size, or the type, of the paper set in roll 1 is not compatible with borderless printing, you will not be able to print borderless.
- The following roll paper supports borderless printing.
  - Paper Sizes
- If margins are formed on the left and right of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
   See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

#### >>>> Note

• When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

## **Three-sided Borderless Printing on Roll Paper**



In normal borderless printing, paper sizes that match the width of the roll paper are combined to print without borders on all four sides.

If you use the three-sided borderless printing feature, you can combine paper sizes that don't match the roll paper width, and print with no borders on three sides. However, if you perform three-sided borderless printing, you need to cut the right side of the paper after printing.

### **Three-sided Borderless Printing to Match Paper Size**

The procedure for three-sided borderless printing by enlarging or reducing documents to match paper size is described below.

- 1. Open the printer driver setup window
- 2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

3. Select paper roll width

For paper roll width, enter the same value set in the printer under Roll Paper Width.

4. Select borderless printing

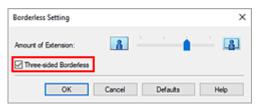
Place a checkmark next to the **Borderless Printing** option.

Canon Printing Prefere		
lain Page Setup Layout Favorite	s Utity	
	Page Size:	Letter (8.5"x11")
<u>.</u>	Borderless Print	ing Borderless Setting
	Borderless Printing Meth	bo
	O Fit Paper Size	
	Scale to ft Roll	Paper Width
	O Print Image with	Actual Size
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Ato v
<ul> <li>Borderless (Roll Width)</li> </ul>		
24 in Roll (609.6mm) :	Orientation	
24.00 in x 31.10 in	▲ @ Po	xtrat 🔼 🔿 Landscape
-AC-	🛄 🗌 Rotate Page 9	0 degrees
	Paper Source:	Roll Paper (Auto)
<b>N N</b>		
	Roll Paper Width:	24 in Roll (609.6mm)
		Roll Paper Options
r		
	Output Method	Size Options Defaults
	OK	Cancel Apply Help

After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

#### 5. Click Borderless Setting

When the **Borderless Setting** dialog box is displayed, place a checkmark next to **Three-sided Borderless**, and then click **OK**.



#### 6. Select a method for printing borderless

In the **Borderless Printing Method** tab, place a checkmark next to the **Fit Paper Size** option. If the size of the document is different from the size of the paper you want to print on, select the paper size you want to print on from **Printer Paper Size**.

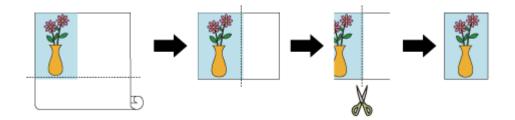
#### 7. Complete the setting process

#### Click OK.

If you print now, the document will be printed without margins on three sides to fit the paper size.

#### 8. Cut the right side of the paper

Cut the margin on the right side of the paper with scissors after printing. Cut slightly to the inside of the margin as the document is enlarged to extend slightly beyond the specified size. To get the document to standard size, it is recommended to take measurements and cut in the correct positions.



# Printing Full-Size without Margins on Three Sides

The procedure for three-sided borderless printing in the same size as the original document without enlarging or reducing the size is described below.

- 1. Open the printer driver setup window
- 2. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

#### 3. Select paper roll width

For paper roll width, enter the same value set in the printer under Roll Paper Width.

#### 4. Select borderless printing

Place a checkmark next to the Borderless Printing option.

	Page Size:	Letter (8.5"x11")
<u>.</u>	Borderless Print	
	Borderless Printing Metho Fit Paper Size	00
	Scale to fit Rol	Paper Width
	O Print Image with	
Letter (8.5"x11") : 8 50 in x 11.00 in	Printer Paper Size:	Auto ~
Borderless (Roll Width) 24 in Roll (609.6mm);	Orientation	
24.00 in x 31.10 in	▲ @ Po	ortrait 🔼 🔿 Landscape
2400 in x 31.10 in	A @ Po	
	N  Po	0 degrees
2400 in x 31.10 in	A  Po Poper Source:	0 degrees Roll Paper (Auto)

After the **Information** dialog is displayed, under **Roll Paper Width**, select the same paper width as that of the paper roll loaded in the printer and click **OK**.

#### 5. Click Borderless Setting

When the **Borderless Setting** dialog box is displayed, place a checkmark next to **Three-sided Borderless**, and then click **OK**.



6. Select a method for printing borderless

In the **Borderless Printing Method** tab, place a checkmark next to the **Print Image with Actual Size** option.

7. Complete the setting process

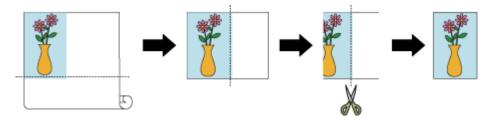
#### Click OK.

If you print now, the document will be printed without margins on three sides while retaining the same document size.

8. Cut the right side of the paper

Cut the margin on the right side of the paper with scissors after printing.

To get the document to standard size, it is recommended to take measurements and cut in the correct positions.



#### >>>> Important

- If you place a checkmark next to the **Borderless Printing** option, the **Page Layout** and **Print Centered** options in the **Layout** tab will be displayed in gray out and you will not be able to configure them.
- Depending on paper size, the length/width ratio of the paper may be different from that of the image, making it impossible for the whole image to fit on the paper.

When this happens, crop the image with the application software to match paper size.

- When printing borderless, printing may stop abruptly and the paper will be cut causing a slight color unevenness on the edges of the paper. If you require exceptionally high quality, in the Roll Paper Options dialog box select No from the Automatic Cutting list. When you do so, the document will be printed without the left margin. After the printed material has exited the printer and has been cut, cut the upper, lower, and right edges with a pair of scissors.
- When printing borderless on paper with low ink-fixing properties, depending on frequency of use, the cutter unit may come into contact with the paper surface scratching it and causing the paper to be unevenly cut.

You may be able to improve the situation by clicking **Specify...** on the **Main** tab and, in the **Paper Detailed Settings** dialog box, under **Drying Time**, set **Between Pages** to a higher value.

- The following roll paper supports borderless printing.
  - Paper Sizes
- If margins are formed on the left of the document, adjust the amount extending off paper during borderless printing from the printer's operation panel.
   See "Borders appear in borderless printing" for details on how to set the amount extending off paper.

### >>>> Note

• When using applications like Microsoft Word which allow you to set margins, set margins to 0 mm.

# Printing Hanging and Horizontal Banners (Large-Format Printing)

A drapery or banner can be made by enlarging or reducing original documents made on application software.

The procedure for printing hanging and horizontal banners is as follows:

### Print for width of roll

- 1. Create document by using application software
- 2. Open the printer driver setup window
- 3. Select the paper size

Select the same original paper size created in the application soft in the **Page Size** on the **Page Setup** tab.

In the event an optional size is set in the application software, select **Custom Size** from **Custom Paper Size** in **Page Size** and <u>designate size</u> in the dialog box that appears.

4. Select roll width

Select the equivalent to the paper width of the roll set in the printer under Roll Paper Width.

#### 5. Set Enlarged/Reduced Printing

Check Enlarged/Reduced Printing and select Fit Roll Paper Width.

When the **Information** dialog box appears, select the equivalent to the paper width of the roll set in the printer.

Canon Printing Preference	5	>
Main Page Setup Layout Favorites	Utility	
	Page Size:	Letter (8.5"x11") ~
<b>*</b>	Borderless Printin	ng Borderless Setting
	Enlarged/Reduced Pr	inting
	⊖ Fit Paper Size	
	Fit Roll Paper W	ldth
	Scaling	Auto 🗘 🕸 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in Roll Width; 287%	Printer Paper Size:	Auto 🗸
24 in Roll (609.6mm) : 24 00 in x 31.18 in	Orientation	trat 🚺 🔿 Landscape
	📶 🗌 Rotate Page 90	) degrees
	Paper Source:	Roll Paper (Auto) V
J-N-	Roll Paper Width:	24 in Rol (609.6mm) ~
<b>بر</b> ۲		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

#### 6. Complete the setup

Click OK.

When printing is executed, a drapery or banner can be printed according to the roll.

### Enlarge and print

#### 1. Register user-defined paper

Register both the actual desired print size (user-defined paper 1) and original document size created in application (user-defined document size 2) in the <u>Size Options...</u> under the **Page Setup** tab.

#### >>>> Note

• Please set user-defined paper 2 to the same aspect ratio as user-defined paper 1. If the aspect ratio differs, the enlarged image may not turn out to be the expected size.

After creating user-defined paper 1, if user-defined paper 2 is created after checking **Fix the Ratio of the Width to Height**, settings can be set to the same aspect ratio.

Also set user-defined paper 2 to a size that doesn't exceed the maximum size supported by the application.

For example, when printing on paper 600mm wide and 3,000mm long, use the following settings.

(when setting length to 1/6 the user-defined paper)

- User-defined paper 1: Width 600mm, Height 3,000mm
- User-defined paper 2: Width 100mm, Height 500mm
- 2. Create original document in application software

Use the registered user-defined paper 2 size to create original document using an application.

3. Open printer driver settings screen

#### 4. Select Paper Size

Select registered user-defined paper 1 from **Custom Paper Size** in the **Page Size** on the **Page Setup** tab.

#### 5. Complete the setup

Click OK.

When you print, the hanging or horizontal banner is printed by using the user-defined size.

### >>>> Note

- Maximum printable length is 18.0 m. In the event the enlarged length exceeds 18.0 m, the part of the image exceeding the length will not be printed.
- If printing cannot be performed correctly, you may be able to improve printing by using the **Special Settings** dialog box on the **Layout** tab to change **FineZoom Settings** to **Yes**.

# Printing by Dividing/Joining Documents

- > Inputting Documents Created Using Multiple Applications into Free Layout plus
- Printing by Connecting Multiple Pages
- Printing Multiple Pages All on One Page
- Dividing and Printing Posters

# Printing by Connecting Multiple Pages

Print documents with several pages as one continuous document. When you do this, the spaces between the pages will be removed.

The procedure for printing by connecting multiple pages is as follows:

- 1. Open the printer driver setup window
- 2. Select the paper source

For **Paper Source** on the **Page Setup** tab, select the setting that matches your purpose from **Roll Paper** (Auto), Roll 1, and Roll 2.

Canon Printing Preference	es	:
Main Page Setup Layout Favorites	Ubley	
	Page Size: Borderless Print Enlarged/Reduced P	-
	It Paper Size Fit Roll Paper W Scaling	Adth Auto 🔕 % (5 - 600)
Letter (8.5°x11') : 850 in x 11 00 in Actual Size Letter (8.5°x11') : 850 in x 11 00 in	Crientation	
	Paper Source:	
	Roll Paper Widh:	24 in Rol (603.6mm) ~ Rol Paper Options
•	Output Method	Size Options Defaults
	OK	Cancel Apply Help

3. Set roll paper options

Click Roll Paper Options... to display the Roll Paper Options dialog box.

Select the Banner Printing check box, and then click OK.

The current settings are displayed in the settings preview on the left side of the Page Setup tab.

Roll Paper Options		×
Automatic Cutting:	Yes	~
Banner Printing		
OK Cancel	Defaults	Help

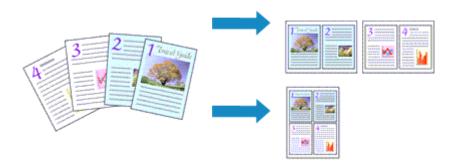
4. Complete the setup

Click OK on the Page Setup tab.

When you print, the document is printed with the print conditions you set.

# Printing Multiple Pages All on One Page

The page layout printing function allows you to print more than one page image on a single sheet of paper.



The procedure for printing multiple pages all on one page is as follows:

- 1. Open the printer driver setup window
- 2. Select the print paper size

From the Page Size list on the Page Setup tab, select the size of the paper loaded in the printer.

Canon Printing Preference Main Page Setup Layout Favorites		×
	Page Size:	Letter (8.5"x11") ~
	Borderless Printing Finanged/Reduced Print  Fit Paper Size	ting
	<ul> <li>Fit Roll Paper Wid</li> <li>Scaling</li> </ul>	Auto 🗘 % (5 - 600)
Letter (8.5'x11'): 8 50 in x 11.00 in Actual Size	Printer Paper Size:	Same as Page Size $\qquad \lor$
Letter (8.5'x11') : 8.50 in x 11.00 in	Orientation	at 🔼 🔿 Landscape
	Rotate Page 90 d	legrees
	Paper Source:	Roll Paper (Auto) V
K K K	Roll Paper Width:	24 in Roll (609.6mm) 🗸 🗸
<b>بر</b> ،		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

3. Set number of pages to be printed per sheet

On the Layout tab, select the Page Layout check box, and from the pull-down menu, select 2 Pages/ Sheet, 4 Pages/Sheet, 6 Pages/Sheet, 8 Pages/Sheet, 9 Pages/Sheet, or 16 Pages/Sheet. The current settings are displayed in the settings preview on the left side of the window.

Canon Printing Preference	5	×
Main Page Setup Layout Favorites	Ublity	
	Page Layout:	Poster (2 x 2) ~
	Stamp:	CONFIDENTIAL V
Letter (8.5'x11') : 8.50 in x 11.00 in Actual Size	Print Centered	
Letter (8.5"x11") : 8.50 in x 11.00 in	S Rotate 180 de	grees
	No Spaces at	Top or Bottom
N	Copies:	1 C (1 - 999)
<b>بر</b>	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

4. Set the number of pages to be printed on one sheet and the page order

If necessary, click **Set...**, specify the following settings in the **Page Layout Printing** dialog box, and click **OK**.

Page Layout Printing			×
	Page Order:	Left to right	¥
<b>S</b> 1 2	Page Border:	None	~
		OK Cancel Defaults Help	Þ.

#### Page Order

To change the page arrangement order, select a placement method from the list.

#### Page Border

To print a page border around each document page, select something other than None from the list.

#### 5. Complete the setup

Click **OK** on the **Layout** tab.

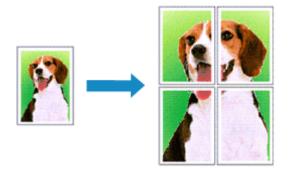
When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.



- When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Page Layout** is grayed out and cannot be set.
- If Spooling at Printer Driver in Special Settings dialog box is set to No (Use RAW Spooling), Page Layout is grayed out and cannot be set.

# **Dividing and Printing Posters**

The tiling/poster printing function allows you to enlarge image data, divide it into several pages, and print these pages on separate sheets of paper. You can also paste the pages together to create a large print like a poster.



The procedure for dividing and printing posters is as follows:

### Setting for Dividing and Printing Posters

- 1. Open the printer driver setup window
- 2. Select the print paper size

From the Page Size list on the Page Setup tab, select the size of the paper loaded in the printer.

Page Size:	1
	Letter (8.5"x11")
Borderless Printing	Borderless Setting
If Paper Size	
O Fit Roll Paper Width	
Scaling	Auto 🗘 🛠 (5 - 600)
Printer Paper Size:	Same as Page Size ~
at all as	
Pontrat	C Landscape
Rotate Page 90 degr	ees
	Roll Paper (Auto)
aper Width:	24 in Roll (609.6mm)
	Roll Paper Options
	Size Options Defaults
	Entarged/Reduced Pinting © Fit Paper Size Fit Roll Paper Width Scaling Printer Paper Size: Intation R @ Portrait

3. Set number of divisions

On the Layout tab, select the Page Layout check box, and from the pull-down menu, select Poster (1 x 2) or Poster (2 x 2).

The current settings are displayed in the settings preview on the left side of the window.

Canon Printing Preference	5	×
Main Page Setup Layout Favorites	Ubity	
	Page Layout:	Poster (2 x 2) V
	Stamp:	CONFIDENTIAL V
Letter (8.5"x11") : 8 50 in x 11.00 in Actual Size	Print Center	ed
Letter (8.5'x11') : 8.50 in x 11.00 in	93 🔤 Rotate 180	degrees
	No Spaces	at Top or Bottom
N	Copies:	1 (1 - 999)
· •	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

4. Complete the setup

Click **OK** on the **Layout** tab.

When you execute print, the document will be divided into several pages during printing.

#### Important

- When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Page Layout** is grayed out and cannot be set.
- If Spooling at Printer Driver in Special Settings dialog box is set to No (Use RAW Spooling), Page Layout is grayed out and cannot be set.

### **Printing Only Specific Pages**

If ink becomes faint or runs out during printing, you can reprint only the specific pages by following the procedure below:

1. Display Pages to Print dialog box

For Page Layout, click Set... to display the Pages to Print dialog box.

2. Set print range

Clear the check boxes of the pages you do not want to print. In the setting view, the pages that you cleared are deleted and only the pages to be printed are displayed.

Check the pages to be printed, and then click **OK**.

Pages to Print	⊠1 ⊠3	Ø2 Ø4		×
				Invet
ОК	<u> </u>	ancel	Defaults	Help

#### Note

- In the setting view on the left side of the Pages to Print dialog box, you can also clear the display by clicking the pages you do not want to print.
   To redisplay a cleared page, click that page again.
- To switch the pages to display/hide, click Invert in the Pages to Print dialog box.
- **3.** Complete the setup

Click **OK** on the **Layout** tab.

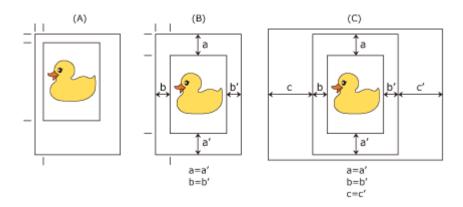
When you print, only the specified pages are printed.

#### >>>> Important

• If you partition and print as a poster, the source document will be printed in enlarged form, so the print results may become rough.

# **Printing Document in Center of Paper**

When you want to position the source document in the middle of the cut sheet and print, or print with even margins on the right and left in relation to the width of the roll paper, use the **Print Centered** function. The print results when setting with **Print Centered** are as follows. Normally, if **Print Centered** is set when printed as in (A), it will be printed as in (B) for cut sheet and (C) for roll paper.



### >>>> Note

• When setting the magnification using **Scaling** from **Enlarged/Reduced Printing** on the **Page Setup** tab and printing, the start point for enlarge/reduce will always be fixed based on the top left corner of that page. For that reason, for reduced printing, the bottom and right margins of the paper will increase. At this time, if you place a checkmark next to **Print Centered** on the **Layout** tab, the top, bottom, left and right margins can all be printed evenly.

The procedure for printing in the center of the paper is as follows:

- 1. Open the printer driver setup window
- 2. Select the media type

The type of paper set in the printer is displayed.

	Media Type:	Plain Paper	~
	[	Get Information	Specify_
	Easy Settings	~	
	Print Torget		
	SBCOR	Default Settings	
	2000	Photo (Dolor)	
		Poster	
(A4:	State 1	CAD (Dolor Line Drawing) CAD (Monochrome Line D	(
8.27 in x 11.69 in		Perspective, GIS	(and g)
Actual Size			
A4 : 8.27 in x 11.69 in	Print Quality:	Standard	~
	The best sett colors.	ing for posters. Prints using www	d and high impact
-20-0			View Settings
	Preview befor	a prioting	

#### 3. Select the paper size

Select the size of the paper you want to print from Page Size on the Page Setup tab.

	s Utity	1
	Page Size:	Letter (8.5"x11") ~
	Borderless Print	
	Enlarged/Reduced F	Printing
	Fit Paper Size	
	Fit Roll Paper V	
	Scaling	Auto 🗘 🛠 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Same as Page Size 🗸 🗸
Actual Size		-
Letter (8.5"x11") : 8.50 in x 11.00 in	Orientation	
	▲ @ P(	otrat 🚺 🔿 Landscape
	<b>5</b>	
	🗐 🗆 Rotate Page 9	00 degrees
	Paper Source:	Roll Paper (Auto)
	Paper Source:	Roll Paper (Auto) ~ 24 in Rol (509.6mm) ~
<b>M</b>	Paper Source:	Roll Paper (Auto)

4. Set magnification as necessary

Where necessary, attach a checkmark next to **Enlarged/Reduced Printing**, and set according to the objective.

5. Select the paper source

For **Paper Source**, select the setting that matches your purpose.

6. Select roll paper width

If you selected a roll paper for **Paper Source**, set **Roll Paper Width** to the width of the roll paper loaded in the printer.

7. Print document in the center of paper

Select the Print Centered check box on the Layout tab.

Canon Printing Preference	tes	×
Main Page Setup Layout Favorites	Utilty	
	Page Layout:	Foster (2 x 2)
	Stamp:	CONFIDENTIAL V
Letter (8.5"x11") :	Print Centern	
8 50 in x 11.00 in	-	at Top or Bottom
	Copies:	1 C (1 - 999)
	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

8. Complete the setup

Click OK.

When you print, the document is printed in the center of the paper.

# Printing by Saving Roll Paper

- Saving Roll Paper by Rotating Document 90 Degrees
- Saving Roll Paper by Eliminating Upper and Lower Margins on Document

# Saving Roll Paper by Rotating Document 90 Degrees

When printing a portrait document on roll paper, you can save paper by rotating the document 90 degrees and printing the document so that it is oriented horizontally relative to the paper.

The procedure for saving paper by rotating the document 90 degrees is as follows:

1. Open the printer driver setup window

#### 2. Select the media type

The type of paper set in the printer is displayed.

	Media	Type: 📴	in Paper Get Information	Specify_	•
-				obscuk-	
	Ex	sy Settines	~		
	Priz	nt Target			
		BCOR	Default Settings		
		and a second	Photo (Dolor)		
			Poster		
(A4:			CAD (Dolor Line Drawing CAD (Monochrome Line	1P	
	(11.69 in		Perspective, GIS	Crawelt)	
Actual Size					
A4: 8.27 in a	11.69 in	nt Quality:	Standard		V
	Th	ie best setting olors.	for posters. Prints using w	vid and high impact	^
					$\vee$
	1		[	View Settings	
X		review before ; Status Mon		L. Default	la la

3. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

4. Select the paper source

From the **Paper Source** list on the **Page Setup** tab, choose the best option for your purposes between **Roll Paper (Auto)**, **Roll 1** and **Roll 2**.

5. Selecting Paper Saving

Select the **Rotate Page 90 degrees** check box. The current settings are displayed in the settings preview on the left side of the window.

an	Page Setup	Layout	Favortes	Utility			
				<u>.</u>	Page Size:	Letter (8.5"x11")	~
	-				Borderless Printing	Border	less Setting
					inlarged/Reduced Print	ing	
					In Fit Paper Size		
					Fit Roll Paper Widt		
_			_		Scaling	Auto 🗘 % (5 - 60	10)
Let	ter (8.5"x11") : 8 4	: 50 in x 11	00 in	æ	Printer Paper Size:	Same as Page Size	~
_	Actual Size						
Let	ter (8.5"x11") : 8.9	: 50 in x 11	00 in	Orie	ntation		
_					🔥 🖲 Portra	et 🔥 🚺 🛛 Lan	dscape
1				4	Rotate Page 90 de		
	-4	1				eyees	
				Paper	Source:	Roll Paper (Auto)	~
				Roll P	aper Width:	24 in Roll (609.6mm)	
1						Dell Pe	per Options
		-				Pios Pa	per options
					utput Method	Size Options	Defaults

6. Select roll paper width

For Roll Paper Width, select the width of the roll paper loaded in the printer.

Canon Printing Preference	es	×
Main Page Setup Layout Favorites	Utility	
	Page Size:	Letter (8.5"x11") ~
<b>1</b>	Borderless Printin	-
	Enlarged/Reduced Pri	nting
	Fit Roll Paper Wi	đh
	⊖ Scaling	Auto 🗘 💥 (5 - 600)
Letter (8.5"x11") : 8 50 in x 11.00 in	Printer Paper Size:	Same as Page Size 🗸 🗸
Actual Size		
Letter (8.5"x11") : 8.50 in x 11.00 in	Orientation	trat 🔼 🔿 Landscape
	Rotate Page 90	
	Paper Source:	Roll Paper (Auto)
N N N	Roll Paper Width:	24 in Roll (609.6mm) 🗸 🗸
4		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

7. Complete the setup

Click OK.

When you print, you can rotate a portrait document 90 degrees to save paper.

#### >>>> Important

• When there is a checkmark next to **Banner Printing** under **Roll Paper Options** dialog box on the **Page Setup** tab, **Rotate Page 90 degrees** is grayed out and cannot be set.

• When selecting paper in portrait format as the **Page Size** from the **Page Setup** tab, if the length in the vertical direction is longer than the width selected in **Roll Paper Width**, even if a checkmark is placed next to **Rotate Page 90 degrees**, the page will not be rotated.

# Saving Roll Paper by Eliminating Upper and Lower Margins on Document

When printing on roll paper, you can save paper by reducing the upper and lower margins when printing.

The procedure for saving paper by reducing the upper and lower margins is as follows:

- 1. Open the printer driver setup window
- 2. Select the media type

The type of paper set in the printer is displayed.

🖶 Canon	
Main Page Setup Layout Favorites	Utäty
	Media Type: Plain Paper 🗸 🗸
	Get Information Specify
	Eesy Settings 🗸 🗸
	Print Target:
A4 : 8.27 in x 11.69 in Actual Size	Default Settings           Phote (Dolor)           Poster           OAD (Dolor Line Drawing)           OAD (Monochrome Line Drawing)           Perspective, GIS
A4 :	Print Quality: Standard 🗸
8.27 in x 11.69 in	The best setting for posters. Prints using wild and high impaot olders.
- ACT -	View Settings
THE	Preview before printing Status Monitor Defaults
	OK Cencel Apply Help

3. Select the paper size

From the **Page Size** list on the **Page Setup** tab, select the same size as that of the document that was created with the application software.

	Page Size:	Letter (8.5"x11")
	Borderless Print	-
	Enlarged/Reduced P	Printing
	In Fit Paper Size	
	C Fit Roll Paper V	
	Scaling	Auto 🗘 🛠 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Same as Page Size
Actual Size		
Letter (8.5"x11") : 8.50 in x 11.00 in	Orientation	
0.00 m x 11.00 m	100	
-	▲ @ Pc	otrait 🔥 🔿 Landscape
	<b>*</b> ===	
	Rotate Page 9	
	<b>*</b> ===	
	Rotate Page 9	0 degrees Roll Paper (Auto)
	Paper Source:	0 degrees Roll Paper (Auto) 24 in Roll (509.6mm)
<b>S</b>	Paper Source:	0 degrees Roll Paper (Auto)
	Paper Source:	0 degrees Roll Paper (Auto) 24 in Roll (509.6mm)

4. Select the paper source

For **Paper Source** on the **Page Setup** tab, select the setting that matches your purpose from **Roll Paper** (Auto), Roll 1, and Roll 2.

5. Select roll paper width

For Roll Paper Width, select the width of the roll paper loaded in the printer.

6. Selecting Paper Saving

On the **Layout** tab, select the **No Spaces at Top or Bottom** check box. The current settings are displayed in the settings preview on the left side of the window.

🖶 Canon Printing Preference	es	×
Main Page Setup Layout Favorites	Ubity	
	Page Layout:	Poster (2 x 2) ~
	Stamp:	CONFIDENTIAL V
Letter (8.5%117): 850 in x 11.00 in Actual Size Letter (8.5%117): 850 in x 11.00 in	Image: Copies:     □ Print Centor       Sum     □ Rotate 18       Image: Copies:     Image: Copies:	
	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

7. Complete the setup

Click OK.

When you print, the upper and lower margins are reduced so that you can save paper.

### Switching the Paper Source to Match the Purpose

This printer has three paper sources: Roll 1, Roll 2, and Cut Sheet. You can facilitate printing by selecting a paper source setting that matches your media type or purpose.

The procedure for setting paper source is as follows:

1. Open the printer driver setup window

#### 2. Select the media type

The type of paper set in the printer is displayed.

#### 3. Select the paper source

From the Paper Source list on the Page Setup tab, select the paper source that matches your purpose.

🖶 Canon Printing Preference	s	×
Main Page Setup Layout Favorites	Utility	
	Page Size:	Letter (8.5"x11") ~
	Borderless Printing	Borderless Setting
	Enlarged/Reduced Printin     International Printing     International	9
	Fit Roll Paper Width	
	Scaling	Auto 🗘 % (5 - 600)
Letter (8.5"x11") : 8 50 in x 11.00 in	Printer Paper Size:	Same as Page Size V
Actual Size Letter (8.5*x11*) :	Orientation	
8.50 in x 11.00 in	Orientation	Landscape
	·	
-200	C Rotate Page 90 de	grees
	Paper Source:	Roll Paper (Auto) ~
N N N	Roll Paper Width:	24 in Roll (609.6mm) 🗸 🗸
		Roll Paper Options
r		Size Options Defaults
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

#### **Roll Paper (Auto)**

Feeds paper by automatically switching between Roll 1 and Roll 2 according to the print job.

#### Roll 1

Feeds paper from Roll 1.

#### Roll 2

Feeds paper from Roll 2.

#### **Cut Sheet**

Feeds paper using the cut sheet.

#### 4. Complete the setup

#### Click OK.

When you execute print, the printer uses the specified paper source to print the data.



• If the paper settings in the printer driver differ from the paper information registered on the printer, an error message may appear on the printer's operation panel. You can still print but you may not be able to obtain correct print results.

# **Displaying the Print Results before Printing**

You can display and check the print result before printing.

The procedure for displaying the print result before printing is as follows:

- 1. Open the printer driver setup window
- 2. Set the preview

Check the Preview before printing check box on the Main tab.

fain	Page Setup	Leyout	Favorites						
			Media Type:		Auto (Use Printer Settings)			~	
	- 1 C					Get Information		Specify_	
				Easy Set	ines	~			
				Print Term	et.				
				P.010		Default Settings			
				839.60		Photo (Dolor)			
				22.69	<b>2</b>	Poster			
(A4				- S	din .	CAD (Dolor Line Dr			
1 m		27 in x 11	69 in			CAD (Monochrome Perspective, GIS	Line Drawe	(E)	
	Actual Siz				l	Perspective, deb			
A4	1			Print Qual	ity:	Standard			~
	8	27 in x 11	.69 in						
	-			To print of the cont	ther iten	e basic documents. ns, select the [Print	Terrel) the	t best matches	Ŷ
	-20		7					New Settings	
9	100	-2				_			
				Preview	before pri	nting			
	5								_
				Stat	us Monite	or Accor	inting	De fault:	5

#### 3. Complete the setup

#### Click OK.

When you execute print, the Canon imagePROGRAF Preview opens and displays the print results.

### **Related Topic**

Canon imagePROGRAF Preview

# **Other Convenient Settings**

- Stamp Printing
- > Setting a Page Size and Orientation
- Registering a Frequently Used Printing Profile
- Cutting Roll Paper after Printing

# **Stamp Printing**

The **Stamp** function allows you to print a stamp text over or behind document data. "DRAFT," "CONFIDENTIAL," and other stamps that are used often in companies are pre-registered.

The procedure for printing with a stamp is as follows:

- 1. Open the printer driver setup window
- 2. Select stamp

On the **Layout** tab, select the **Stamp** check box, and then select the stamp to use from the list. The current settings are displayed in the settings preview on the left side of the **Layout** tab.

🖶 Canon Printing Preference	es	×
Main Page Setup Layout Favorites	Utility	
	Page Layout:	Poster (2 x 2) ~
	Stamp:	CONFIDENTIAL ~
		Define Stamp
Letter (8.5"x11") : 8 50 in x 11.00 in Actual Size	📃 🗆 Print Center	ed
Letter (8.5'x11') : 8.50 in x 11.00 in	S Rotate 180	degrees
	🗋 🗌 No Spaces	at Top or Bottom
	Copies:	1 🗢 (1 - 999)
INT		Print from Last Page
	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

3. Complete the setup

Click OK.

When you execute print, the data is printed with the specified stamp.

#### >>>> Important

 Depending on your usage environment, you may not be able to use the Stamp function. In this case, set Spooling at Printer Driver in the <u>Special Settings dialog box</u> to Yes.

# **Registering a Stamp**

You can create and register a new stamp. You can also change and re-register some of the settings of an existing stamp. Unnecessary stamps can be deleted at any time.

The procedure for registering a new stamp is as follows:

## Registering a New Stamp

- 1. Open the printer driver setup window
- 2. Select stamp

On the Layout tab, select the Stamp check box, and click Define Stamp....

Canon Printing Preferen		>
	Page Layout:	Poster (2 x 2)
	Stamp:	CONFIDENTIAL V
Letter (8.5"x11"): 850 in x 11.00 in Actual Size Letter (8.5"x11"): 850 in x 11.00 in	Print Centered	
	Copies:	p or Bottom
N	Copies.	Print from Last Page
-	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

The **Define Stamp** dialog box opens.

Define Stamp		>
	Stamps: CONFIDENTIAL COPY DRAFT FILE COPY FINAL	×
		Add Delete
	Name:	CONFIDENTIAL
Position	Text	CONFIDENTIAL
🖬 × 🛛 0 (-50 - 50)	Font	Arial $\sim$
1 Y: 0 (-50 - 50)	Style:	Regular 🗸
Move to Center	Size:	72 🔹 Points (1 - 500)
Angle	Color:	Medum Gray 🗸
Tit Left     Tit Right     Set Angle:     0°     100°     0°     100°     €	Outine AB Circle Stamp fint page	e Overlap
	[	OK Cancel Help

#### 3. Set stamp details

Click Add to add a new stamp (Untitled) to the list.

In **Name**, enter the name of the stamp to register, and in **Text**, enter the character string you want as the stamp.

Change the Font, Style, Size, and Color settings as necessary.

#### 4. Set the other items

Set the following items as necessary.

#### Outline

Selects a frame that encloses the stamp text string.

#### **Print Style**

Select the stamp print method.

Select **Transparent** to print the stamp on the back of the document, and select **Overlap** to print it on the front.

#### Position

Specifies the stamp position on the page.

Enter numbers in **X** and **Y** to set the coordinates, or drag the horizontal and vertical slide bars to the left/right or up/down to change the settings.

#### Angle

Set the stamp placement angle.

Enter a number in **Set Angle** to set the angle, or drag the slide bar to the left/right to change the setting.

Set the angle by entering a number in range of -180 to 180.

#### Stamp first page only

To print the stamp on the first page only, select this check box.

**5.** Complete the setup

Click **OK** to return to the **Layout** tab. The registered title appears in the **Stamp** list.

## **Changing and Registering Some of Stamp Settings**

1. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**. The **Define Stamp** dialog box opens.

2. Select the stamp for which the settings are to be changed

From Stamps, select the title of the stamp you want to change the settings for.

- 3. Configure each setting while viewing the preview
- **4.** Complete the setup

Click **OK** to return to the **Layout** tab. The registered title appears in the **Stamp** list.

>>>> Note

• The stamp registered as the default setting cannot be changed.

## **Deleting an Unnecessary Stamp**

1. Select stamp

On the **Layout** tab, select the **Stamp** check box, and click **Define Stamp...**. The **Define Stamp** dialog box opens.

2. Select the stamp to be deleted

Select the title that you wish to delete from the **Stamps** and click **Delete**. Click **Yes** when the confirmation message appears.

3. Complete the setup

Click **OK** to return to the **Layout** tab.

#### >>>> Note

• The stamp registered as the default setting cannot be deleted.

# Setting a Page Size and Orientation

The paper size and orientation are essentially determined by the application software. When the page size and orientation set for **Page Size** and **Orientation** on the **Page Setup** tab are same as those set with the application software, you do not need to select them on the **Page Setup** tab.

When you are not able to specify them with the application software, the procedure for selecting a page size and orientation is as follows:

- 1. Open the printer driver setup window
- 2. Select the paper size

	Page Size:	Letter (8.5"x11")	~
<b>1</b>	Borderless		ng
	Enlarged/Reduce		
	In Paper S		
	Fit Roll Pap		
	Scaling	Auto 🗘 🕸 (5 - 600)	
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper S	Same as Page Size	~
Actual Size			
Letter (8.5"x11") :	Orientation		
8.50 in x 11.00 in	A @	Portrat 🚺 🔿 Landscape	
	<b>6</b>		
	🛄 🗌 Rotate Pag	ge 90 degrees	
The second second			
	Paper Source:	Roll Paper (Auto)	~
N	Paper Source: Roll Paper Width:	Roll Paper (Auto) 24 in Roll (509.6mm)	~
THE			

Select a page size from the Page Size list on the Page Setup tab.

#### 3. Set Orientation

Select **Portrait** or **Landscape** for **Orientation**. Check **Rotate Page 90 degrees** check box when you want to perform printing with the original being rotated 90 degrees.

4. Complete the setup

Click OK.

When you execute print, the document will be printed with the selected page size and the orientation.

# **Registering a Frequently Used Printing Profile**

You can register the frequently used printing settings to **Favorites**. Unnecessary printing profiles can be deleted at any time.

The procedure for registering a printing profile is as follows:

## **Registering a Printing Profile**

- 1. Open the printer driver setup window
- 2. Set the necessary items

On the **Main** tab, the **Page Setup** tab, and the **Layout** tab, specify the print settings you want to register.

**3.** Display **Add** dialog box

On the Favorites tab, click Add....

Canon Printing Pret	erences		
Main Page Setup Layout Far	vortes U	táty	
Favortes:		Settings Details:	
💓 🖬 Default Settings		Default Settings     Main     -Media Type : [Auto (Use Printer Settings)]     -Print Target : [Default Settings]     -Print Printy : [Auto (Use Printer Settings)]     -Print Quality : [Standard]     -Color Mode : [Color]     Thicken Fine Lines : [Off]     Page Setup     -Page Setup     -Page Size : [Letter (3.5"x11")]     -Printer Page Size : [Same as Page Size]     -Enlarged/Reduced Printing : [Off]	^
	<u>10</u>	Comment: Automatically selects the best mode for documents that contain a moture of test, photos, and graphics.	< >
Apply Favorte		Delete Edit Add	
Application Settings Priority		Import Export	
		OK Cancel Apply He	þ

The Add dialog box opens.



4. Register favorite setting

In **Name**, enter the name of the favorite. Set the **Icon** and **Comment** fields as necessary, and then click **OK**.

The name and the icon appear in the Favorites list.

To check the settings of the registered favorite, click Settings Details.

#### >>>> Note

• To save the settings of the favorite to a file, click Export... on the Favorites tab.

## **Printing Using Favorite Settings**

- 1. Open the printer driver setup window
- 2. Apply favorite

From the **Favorites** list on the **Favorites** tab, select the favorite you want to use. Click **Apply Favorite** to replace the registered print settings.

3. Complete the setup

#### Click OK.

When you print, the document is printed with the settings of the registered favorite.

## **Deleting Unnecessary Printing Profile**

#### 1. Select favorite to be deleted

Select the favorite you want to delete from the Favorites list on the Favorites tab.

#### 2. Delete setting

Click **Delete**. When the confirmation message appears, click **OK**. The selected favorite is deleted from the **Favorites** list.

#### Note

- Printing profiles that are registered in the initial settings cannot be deleted.
- The settings of the favorite being applied to the current print settings cannot be deleted. To delete that favorite, select another favorite from the **Favorites** list, click **Apply Favorite** to apply the settings of that other favorite, and then delete the target favorite.

# **Cutting Roll Paper after Printing**

The procedure for cutting roll paper automatically and printing cut guidelines is as follows:

- 1. Open the printer driver setup window
- 2. Select the paper source

For **Paper Source** on the **Page Setup** tab, select the setting that matches your purpose from **Roll Paper** (Auto), Roll 1, and Roll 2.

Canon Printing Preference	ces	×
Main Page Setup Layout Favorites	Ubity	
	Page Size:	Letter (8.5"x11") ~
	Borderfess Printin	
	Enlarged/Reduced Pri	ntng
	O Fit Roll Paper W	dh
	Scaling	Auto 🗘 🛠 (5 - 600)
Letter (8.5"x11") : 8 50 in x 11.00 in	Printer Paper Size:	Same as Page Size $\qquad \lor$
Actual Size     Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	A  Port	rat \Lambda 🔿 Landscape
	Rotate Page 90	degrees
	Paper Source:	Roll Paper (Auto) ~
N N N	Roll Paper Width:	24 in Roll (609.6mm) 🗸 🗸
		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

3. Display Roll Paper Options dialog box

Click Roll Paper Options... to display the Roll Paper Options dialog box.



4. Set auto cut

From **Automatic Cutting**, select the item that matches your purpose. The current settings are displayed in the settings preview on the left side of the **Page Setup** tab.

• Yes

The roll paper is cut automatically after printing.

• No

The roll paper is not cut after printing.

Print Cut Guideline

Cut guidelines are printed for cutting the roll paper manually after printing.

### >>>> Note

• The default setting for automatic cutting is **Yes**.

After completing the setting, click **OK** to return to the **Page Setup** tab.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

When you print, the status after printing is set to whatever was set in Automatic Cutting.

# HP-GL/2 Printing

When printing from applications that support HP-GL/2 or HP RTL output, specify HP-GL/2 or HP RTL in the plotter output printer language settings.

HP-GL/2 and HP RTL emulation related settings are configured from the printer operation panel. For further details, refer to "<u>HP-GL/2 Settings</u>."

#### >>>> Note

• For instructions on configuring these settings, refer to the software documentation.

It may not be possible to print jobs with excessively large amounts of data correctly.

# Printing from Printer

Printing Data Saved on USB Flash Drive

# Printing Data Saved on USB Flash Drive

You can print photo data (JPEG file) or document data (PDF file) saved on the USB flash drive easily.

#### >>>> Note

- Restrictions on printable PDF/JPEG files
  - PDF file:

Files which conforms to V 1.7

-Does not support overprint or some of transparent processing.

-Font embedding is recommended. If a font is not embedded, it is replaced with one of the built-in fonts below.

Times-Roman, Helvetica, Courier, Symbol, Times-Bold, Helvetica-Bold, Courier-Bold, ZapfDingbats, Times-Italic, Helvetica-Oblique, Courier-Oblique, Times-BoldItalic, Helvetica-BoldOblique, Courier-BoldOblique

JPEG file:

Files which conforms to JFIF 1.02

Supports the files with the following conditions.

-Processing method: Basic DCT

-Color mode: RGB/GrayScale

-Number of colors: 24bit/8bit

-Number of pixels: 38400 or less vertically and horizontally

Does not support some samplings

#### 1. Load paper.

- Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer
- 2. Insert USB flash drive into the USB flash drive connector.

**3.** Select

Print from USB flash drive on HOME screen.

#### >>>> Note

- When the message informing you that the operation restriction is enabled, ask the administrator of the printer you are using.
- If no printable data is saved on the USB flash drive, **There are no files that can be printed.** is displayed on the touch screen.
- 4. Select folder or data to print.

The print standby screen is displayed.

	ample.pdf		<b>⊘</b> Stop	—A
Ð	Preview	Print settings	Start	—В
		Ľ		—с

A. Number of copies

Select to change the number of copies.



#### B. Preview

Select to preview an image of the printout on the preview screen.

Specify the pages to preview and print only specific pages.



#### C. Print settings

Select to check or change settings on the **Print settings** screen.



#### 5. Select Start.

The printer starts printing.

#### >>>> Note

• On the displayed screen, select **Yes** to return to step 4, or select **No** to return to the HOME screen.

# Printing from Smartphone/Tablet

For more on printing from a device, refer to the device's or application's instruction manual.

- Print Easily from a Smartphone or Tablet with Canon PRINT
- Printing from iOS Device (AirPrint)

# Enlarging Copy with imageRUNNER ADVANCE

Copy scanned with imageRUNNER ADVANCE can be sent to the printer via FTP.

## Enable FTP from Remote UI.

- 1. Start up Remote UI.
  - ➡ Start up Remote UI
- 2. Select System info and LAN settings.
- 3. Select LAN settings.
- 4. Select Advanced setup.
- 5. Confirm the message and select Yes.
- 6. Select FTP settings.
- 7. Select Enable.
- **8.** Select **Use authentication** check box and **Set/change password** check box, and then enter a user name and password.

The user name and password you enter in this step are used for FTP authentication. Enter the same value for FTP settings of imageRUNNER ADVANCE.

9. Select OK.

Please wait momentarily appears and returns to the startup screen.

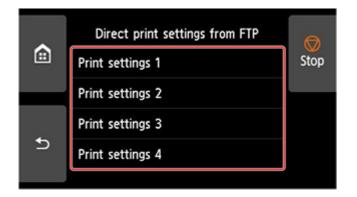
**10.** Close web browser.

### Perform enlarge settings on the operation panel.



Printer settings on HOME screen.

- 2. Select Print settings.
- 3. Select Direct print settings from FTP.
- 4. Select the number to set.

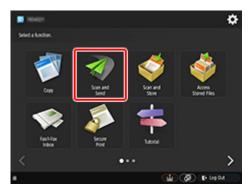


See the following two types of enlargement setting methods.

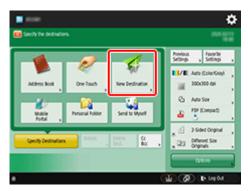
- Fitting to Paper Width
- Specifying Magnification Level

## Scan and enlarge copy

- **1.** Place the copy on the platen glass or feeder of imageRUNNER ADVANCE.
- 2. Select Scan and Send.



3. Select New Destination.



4. Select File.



5. Select FTP from the Protocol drop-down list.

les- edh the TX destination file server.		Destinations: 0
	Patocsk ITP	×
Hod Name		_
folder hath		
User Name		
heaved		
	ok , Search Host , Bro	
< Canoni		× ,

6. Enter setting items.

elfy the TK dellind	oge sie server.				
		Prefocak	11P	¥	
Hod Name	,			_	
Folder Puth					
User Name					
heavord					
Net Dedination	Register to Address Book	Search IN	at loose	_	

Enter the printer's IP address as the Host Name.

#### >>>> Note

• We recommend that you set a fixed IP address for your printer.

Enter "./folderN" in **Folder Path**. ("N" represents the print setting number specified in the **Direct print** settings from FTP screen on the printer.) For example, to enter the pathname for **Print settings 1**, enter "./folder1". For **Print settings 2**, enter "./folder2".

Use the same User Name and Password that you set for FTP authentication in the Remote UI.

- 7. Select OK.
- 8. Select the setting button for file format.



9. Select File Format.

Select PDF or JPEG.

No.00	\$		\$
cfile formats Select the file format.	?	chie fomato Scied the file fomat.	?
210     2011       Terr     2011	Compact Compac	When PEG a unit, the uniting will be connected in Moles: - device Calific Risk & Maler to Seancaire	
× Ganoel	0K "J	× Canol	نہ xx
•	C C C C C C C C C C C C C C C C C C C	•	Carl Carl Carl Carl Carl Carl Carl Carl

#### >>>> Note

• If you select **PDF**, remove the check from the **Compact** and **Encrypt** check boxes.

**10.** Specify the settings as necessary.



#### Important

- Select **300x300 dpi** or **600x600 dpi** as the resolution.
- 11. Press 👁 (Start).

If you are placing your originals on the platen glass, press 💿 (Start) to scan each original.

**12.** When scanning is complete, select **Start Sending**.



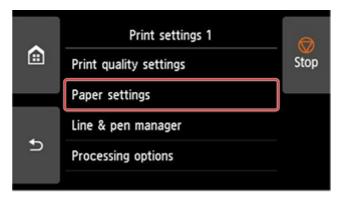
Scanned originals are sent to the printer and printing starts.

## >>>> Note

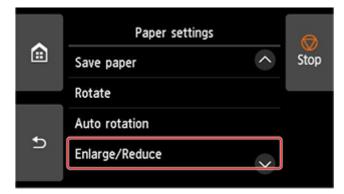
• It is recommended to register the setting contents in **Favorite Settings**.

# **Fitting to Paper Width**

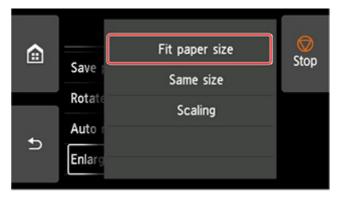
1. Select Paper settings.



2. Select Enlarge/Reduce.



3. Select Fit paper size.



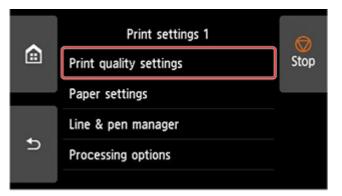
#### Note

- Change the image quality in **Print quality settings** if necessary.
- You can specify the orientation of the image from Rotate.

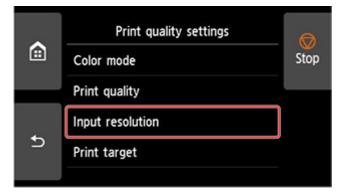
# **Specifying Magnification Level**

## **Setting Input resolution**

1. Select Print quality settings.



2. Select Input resolution.



Select the input resolution that matches your output requirements.

#### 600 dpi

Select when printing at 600 dpi.

#### 300 dpi

Select when printing at 300 dpi.

#### Specify print job

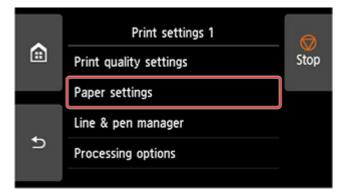
Select to match the input resolution of the printer with the scanning resolution when scanning the original in JPEG format.

#### Important

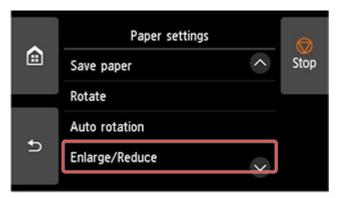
• When scanning the original in JPEG format with imageRUNNER ADVANCE, match the scanning resolution with the input resolution of the printer. If the resolution is different, it will not be printed at the specified magnification level.

## Setting scale percentage

1. Select Paper settings.



2. Select Enlarge/Reduce.



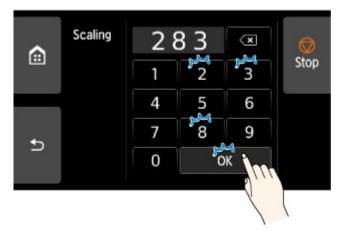
3. Select Scaling.



**4.** Select the scaling input area (A) on the displayed screen.

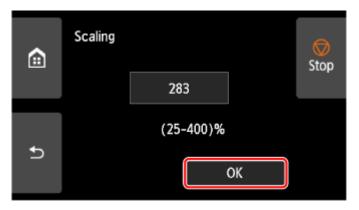


5. Enter the scale percentage, and then select OK.



For commonly used magnification conversions, refer to Reference for Magnification.

6. Select OK on the displayed screen.



#### >>>> Note

- Change the image quality in **Print quality settings** if necessary.
- You can specify the orientation of the image from Rotate.

### **Reference for Magnification**

ISO A format

		Origin	al size
		A4	A3
	A4	100%	71%
	A3	141%	100%
Output size	A2	200%	141%
	A1	283%	200%
	A0	400%	283%

ANSI format

		Original size		
		Letter 8.5" x 11"	Legal 8.5" x 14"	Ledger 11" x 17"
	С	200%	157%	129%
Output size	D	258%	242%	200%
	E	400%	314%	258%

#### ARCH format

		Original size	
		А	В
Output size	А	100%	66%
	В	133%	100%
	С	200%	133%
	D	266%	200%
	E	400%	266%
	E1	333%	233%

# **Managing Print Jobs**

### Handling Print Jobs

- Deleting Print Jobs
- Priority Printing
- Printing Pending Jobs
- Printing Security Print Jobs

### Using the Printer Hard Disk to Handle Print Jobs

- Using Printer Hard Disk
- Saving Print Jobs in Personal Job Boxes
- Printing Saved Jobs
- Deleting Saved Jobs
- Moving Saved Jobs
- Saving Print Jobs Sent from Sources Other than Printer Driver
- Printing without Saving Jobs in Common Job Box
- Setting Passwords for Personal Job Boxes
- Naming Personal Job Boxes
- Printing List of Saved Jobs
- Renaming Saved Jobs
- Printer Hard Disk Operations
- Checking Free Hard Disk Space

### Collecting Printer Job Logs Using Accounting Manager

# Handling Print Jobs

- Deleting Print Jobs
- Priority Printing
- Printing Pending Jobs
- Printing Security Print Jobs

# **Deleting Print Jobs**

You can delete a print job as needed.

This operation is available using the operation panel or Remote UI.

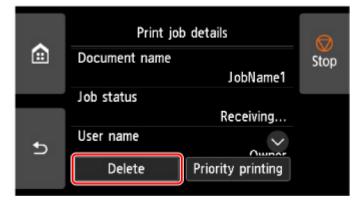
- Using Operation Panel
- ➡ Using Remote UI

## **Using Operation Panel**

- **1.** Select **Job management** on HOME screen.
- 2. Select Print job.
- **3.** In the list, select the target job.



- Select Del. selected to delete multiple jobs at one time.
- 4. Select Delete.



5. Confirm the message and select Yes.

#### >>>> Note

- · Select Delete all print jobs on Job management to delete all jobs in the job queue
  - Job management

## Using Remote UI

- 1. Start up Remote UI.
  - Start up Remote UI

- 2. Select Job management.
- 3. Select Print job.
- **4.** In the list, select the target job.
- 5. Select Delete.
- 6. Confirm the message and select **Yes**.

# **Priority Printing**

Specify a print job that is being received to change its print order (Priority printing).

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

#### Note

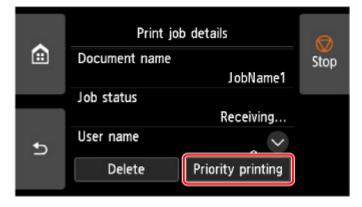
- For the operation of the print job with the
- 6

icon (pending print job), see Printing Pending Jobs.

• For the operation of the print job with the **security** icon (security print job), see <u>Printing Security Print</u> <u>Jobs</u>.

## **Using Operation Panel**

- **1.** Select **Job management** on HOME screen.
- 2. Select Print job.
- **3.** In the list, select the target job.
- 4. Select Priority printing.



5. Confirm the message and select Yes.

## Using Remote UI

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Job management.

- 3. Select Print job.
- **4.** In the list, select the target job.
- 5. Select Prioritize.

# **Printing Pending Jobs**

If the type or size of paper loaded does not match the settings in the print job received when you have set **Detect paper setting mismatch** to **Hold job** in the operation panel, the print job is held on the printer as a pending job in the job queue.

To print held jobs, replace the loaded paper with the paper specified in the print job.

- Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer

This operation is available using the operation panel or Remote UI.

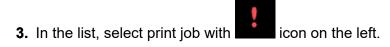
- Using Operation Panel
- Using Remote UI

#### Note

• As long as you do not manage held jobs from the operation panel, they will remain in the job queue. In this case, the printer processes the next job in the queue without pausing.

## Using Operation Panel

- **1.** Select **Job management** on HOME screen.
- 2. Select Print job.



4. Select Release hold.



5. Confirm the message and select Yes.

# Using Remote UI

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Job management.
- 3. Select Print job.
- **4.** In the list, select print job with icon on the left.

5. Select Release.

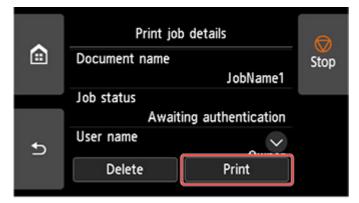
# **Printing Security Print Jobs**

A security print job is a print job that requires you to enter the PIN code set in the printer driver when printing.

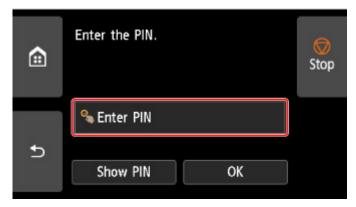
The print job specified for the security print job has a lock icon to the left of the job name in the list such as **List of print jobs**.

#### >>>> Note

- The security print job remains saved as a normal pending job until you enter the PIN code using the operation panel or Remote UI. In this case, the printer processes the next job in the queue without pausing.
- When deleting a security print job, you do not need to enter a PIN code.
  - **1.** Select **Job management** on HOME screen.
  - 2. Select Print job.
  - **3.** In the list, select print job with icon on the left.
  - 4. Select Print.



5. Enter PIN code you set and select OK.



### 6. Select OK.

PIN authentication successful. is displayed and printing starts.

#### >>>> Note

• The security print job is deleted after printing.

# Using the Printer Hard Disk to Handle Print Jobs

- Using Printer Hard Disk
- > Saving Print Jobs in Personal Job Boxes
- Printing Saved Jobs
- Deleting Saved Jobs
- Moving Saved Jobs
- Saving Print Jobs Sent from Sources Other than Printer Driver
- > Printing without Saving Jobs in Common Job Box
- Setting Passwords for Personal Job Boxes
- Naming Personal Job Boxes
- Printing List of Saved Jobs
- Renaming Saved Jobs
- Printer Hard Disk Operations
- Checking Free Hard Disk Space

# **Using Printer Hard Disk**

The printer can save print jobs on the built-in hard disk.

Saving print jobs offers the following benefits.

#### · Save the time spent using a computer

When you send a print job to the printer, you can save it on the printer after printing or simply save it on the printer without printing it yet. Saved print jobs can be printed in the required quantity later without the need to use a computer again.

### · Simplify reprinting, if any errors occur

If errors occur in the middle of printing (as when paper runs out), you can resume printing after clearing the error without resending the print job from a computer.

#### Streamline printing work

Without using a computer, you can select print jobs and print in the desired quantity. You can also select multiple print jobs to print during the same period. This enables unattended operation at night, for example.

# **Output Method**

To save print jobs on the printer's hard disk, configure the printer driver.

In Windows, this is set using the Output Method dialog box.

In macOS, this is set by selecting Additional Settings in Printer Options of the printer properties dialog.

#### Print

Perform printing while saving the print job on the temporary storage area of the printer's hard disk.

#### Set PIN for printing

Set a 7 digit security code. To start printing, enter the PIN set here using the operation panel. If the entered PIN does not match the set PIN, the printing does not start.

#### Print after reception is complete

This option is available in combination with **Print**. You can prevent degradation of print quality that occurs when receiving a print job is interrupted and printing is aborted in the middle.

#### Save in Job Box

Save print jobs on the permanent storage area of the printer's hard disk. Selecting this does not start printing.

## **Storage Destination**

The storage area on the printer's hard disk is divided into a temporary storage area and a permanent storage area. The temporary storage area stores print jobs in the job queue or common job box. The permanent storage area stores jobs in personal job boxes.

#### Job queue

The job queue refers to print jobs that are being processed by the printer (saved, received, prepared for processing, printed, deleted, or held). Up to 100 jobs can be stored in the temporary storage area. However, the number of jobs available as queued jobs is up to 64.

When the maximum number of job queues are saved, the print job sent from the computer is in a state of waiting for processing.

However, if all saved job queue states are pending, the oldest job queue of the saved date and time will be deleted and the print job sent from the computer will be processed.

#### Common job box

Jobs for which you have specified **Print** in **Output Method** are saved in common job box and classified as saved jobs.

There is one common job box, numbered "00". A password cannot be set for common job box.

Up to 100 print jobs can be saved here. However, they will be deleted one after another starting with the oldest job in the following situations.

- If there are over 101 jobs queued and saved in common job box combined
- If no more temporary storage space is available when jobs for which you have selected **Print** in **Output Method** are received
- If there is not enough space in the temporary or permanent storage area when jobs for which you have selected **Save in Job Box** in **Output Method** are received.

#### Personal job boxes

In the following cases, the job is classified as saved job and saved in a personal job box on the permanent storage area.

- When a saved job stored in common job box is moved to a personal job box
- When you have selected Save in Job Box in Output Method

There are 29 personal job boxes, numbered "01" to "29". You can specify a name and password for each personal job box.

Up to 100 print jobs can be saved in all personal job boxes combined.

# Saving Print Jobs in Personal Job Boxes

To save print jobs in personal job boxes, configure the printer driver.

## **Configuring Printer Driver (Windows)**

- 1. Open printer properties dialog box.
  - How to Open the Printer Driver Setup Window
- 2. Select Page Setup tab.
- 3. Select Output Method.
- 4. Select Save in Job Box in Output Method.
- 5. In Name of data to be saved, specify how to name saved print jobs.

To use the file name, select Use file name.

Otherwise select Enter name and enter a name in Name.

6. Select a personal job box in Job Box.



- Select **Acquire Job Box Name** to display personal job box names in the **Job Box** list, as acquired from the printer.
- 7. Select OK.

## **Configuring Printer Driver (macOS)**

- 1. Open printer properties dialog.
  - How to Open the Printer Driver Setup Dialog
- 2. Select Additional Settings in Printer Options.
- 3. Select Save in Job Box in Output Method.

# **Printing Saved Jobs**

Print saved print jobs stored on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

- ➡ Using Operation Panel
- ➡ Using Remote UI

## **Using Operation Panel**

- **1.** Select **Job management** on HOME screen.
- 2. Select Saved job.
- 3. In the list, select the target job box.

### >>>> Note

- If an administrator password is set, enter the password.
- 4. Select Job list.
- **5.** In the list, select the target job.
- 6. Select Print settings.
- 7. Specify the number of copies.
  - 1. To change the number of copies, select the number of copies display area (A).



2. Specify the number of copies and select OK.



8. Select Start.

## **Using Remote UI**

- 1. Start up Remote UI.
  - ➡ Start up Remote UI
- 2. Select Job management.
- 3. Select Saved job.
- 4. In the list, select the target job box.

### Note

- If an administrator password is set, enter the password.
- **5.** In the list, select the target job.

### 6. Select Print.

- 7. Enter the number of copies.
- 8. Select Yes.

# **Deleting Saved Jobs**

Delete saved print jobs stored on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

- Using Operation Panel
- Using Remote UI

## **Using Operation Panel**

- **1.** Select **Job management** on HOME screen.
- 2. Select Saved job.
- 3. In the list, select the target job box.

### >>>> Note

- If an administrator password is set, enter the password.
- 4. Select Job list.
- **5.** In the list, select the target job.
- 6. Select Delete.
- 7. Confirm the message and select Yes.

## Using Remote UI

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Job management.
- 3. Select Saved job.
- 4. In the list, select the target job box.

### Note

- If an administrator password is set, enter the password.
- **5.** In the list, select the target job.

- 6. Select Edit.
- 7. Select Delete.
- 8. Select Yes.

# **Moving Saved Jobs**

Print jobs stored on the printer's hard disk (saved jobs) can be moved from the current job box to another job box as follows.

However, jobs saved in personal job boxes cannot be moved to common job box.

### >>>> Important

- Jobs stored in common job box may be automatically deleted under some conditions. To prevent jobs from being deleted, move them from common job box to personal job boxes.
  - Using Printer Hard Disk
- 1. Start up Remote UI.
  - ➡ Start up Remote UI
- 2. Select Job management.
- 3. Select Saved job.
- 4. In the list, select the target job box.

### >>>> Note

- If an administrator password is set, enter the password.
- 5. In the list, select the target job.
- 6. Select Edit.
- 7. Select Move.
- 8. Select Destination job box.
- 9. In the list, select the personal job box to move to and select OK.

### >>>> Note

• If an administrator password is set, enter the password.

# Saving Print Jobs Sent from Sources Other than Printer Driver

To save print jobs sent from software or systems other than the printer driver or applications provided with the printer, specify the output method and select the setting to perform printing after saving printing data using the operation panel.

### Note Note

• Contact the software or system developer for information about support for this printer function.

### Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- Specifying Output Method
- Printing after Saving Printing Data

## **Specifying Output Method**

Perform settings for printing or saving print job.



1. Select **Printer settings** on HOME screen.

### 2. Select Hard disk settings.

Enter administrator password if it is enabled.

#### 3. Select Output method.

4. Select the output method you want to set up.

#### Print

Save print jobs automatically at the same time they are printed.

#### Print (auto delete)

Save print jobs temporarily at the same time they are printed and delete them after printing.

#### Save to job box

Save print jobs on in the personal job box.

## Printing after Saving Printing Data

To save print jobs on the hard disk before printing, select ON for Save first and print.

Printing will start when **Save first and print** is set to **ON**, even if you have selected **Save to job box** for **Output method**.



1. Select Printer settings on HOME screen.

## 2. Select Hard disk settings.

Enter administrator password if it is enabled.

## 3. Select Save first and print.

4. Select ON.

# Printing without Saving Jobs in Common Job Box

Jobs sent from a computer for which you have selected **Print** in **Output Method** in the printer driver are saved in common job box.

Using Printer Hard Disk

When **Common job box settings** is set to **Print (auto delete)** in the operation panel menu, print jobs for which you have selected **Print** in **Output Method** in the printer driver are deleted from common job box after printing.

Use this function when printing highly confidential documents.

### Important

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



- 1. Select Printer settings on HOME screen.
- 2. Select Hard disk settings.

Enter administrator password if it is enabled.

- 3. Select Common job box settings.
- 4. Select Print (auto delete).

# **Setting Passwords for Personal Job Boxes**

For greater security, you can specify a password for personal job boxes. After setting the password, it is necessary to enter the password when performing the following operations.

- Change personal job box settings
- Display / print the list of jobs saved in personal job box, print / delete / move /rename jobs saved in personal job box

### >>>> Note

- By default, no passwords are set for personal job boxes.
- A password cannot be set for common job box.
- Enter a seven-digit number as the password, in the range 0000001 to 9999999.
- Even if you have set passwords, they are not required to access personal job boxes in Administrator Mode in Remote UI.
- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Job management.
- 3. Select Saved job.
- 4. In the list, select the target job box.
- 5. Select Edit.
- **6.** Select **Set/change password** check box and enter password. (This field is limited to seven digits in the range 0000001 to 9999999.)
- 7. Select OK.

# Naming Personal Job Boxes

For easier identification, you can assign names to personal job boxes.

- 1. Start up Remote UI.
  - ➡ Start up Remote UI
- 2. Select Job management.
- 3. Select Saved job.
- 4. In the list, select the target job box.

### >>>> Note

- Enter the password if the personal job box has it.
- 5. Select Edit.
- 6. Enter name and select OK.

# Printing List of Saved Jobs

The list of print jobs stored on the printer's hard disk (saved jobs) can be printed by job box as follows.

- 1. Select Job management on HOME screen.
- 2. Select Saved job.
- **3.** In the list, select the target job box.

## >>>> Note

- Enter the password if the personal job box has it.
- 4. Select Print the job list.

For each job box, a list of saved jobs is printed.

# **Renaming Saved Jobs**

Print jobs stored on the printer's hard disk (saved jobs) can be renamed as follows.

- 1. Start up Remote UI.
  - ➡ Start up Remote UI
- 2. Select Job management.
- 3. Select Saved job.
- 4. In the list, select the target job box.

### >>>> Note

- Enter the password if the personal job box has it.
- 5. In the list, select the target job.
- 6. Select Edit.
- 7. Select Change.
- 8. Enter name and select OK.

# **Printer Hard Disk Operations**

Printer hard disk operations are available from the following programs and interfaces.

- Printer driver
- Remote UI
- Operation panel

The hard disk operations available through each interface are as follows.

Operation		Printer driver	Remote UI	Operation panel
Saving print jobs	Save to job box	1	-	-
	Print without saving jobs in common job box	-	-	1
	Save print jobs sent from sources other than printer driver	-	-	1
Operations with saved jobs	Print saved jobs	-	1	1
	Delete saved jobs	-	1	1
Job queue management	Display job queue	-	1	1
	Delete	-	1	1
	Priority printing	-	1	1
	Operations with pending jobs	-	1	1
	Operations with security print jobs	-	-	1
	Delete Operations with security jobs	-	1	1
Job box management	Move saved jobs	-	1	-
	Modify saved jobs	-	1	-
	Modify job boxes	-	1	-
	Print a list of saved jobs	-	-	1
	Display a list of saved jobs	-	1	1
Other operations	Display free hard disk space	-	1	1
	Initialize hard disk	-	-	1
	Display the time of printing	-	1	1
Display error messages	•	-	1	1

# **Checking Free Hard Disk Space**

Check the space available on the printer's hard disk as follows.

This operation is available using the operation panel or Remote UI.

# Using Operation Panel



**Printer information** on HOME screen. 1. Select

### 2. Select Hard disk information.

The free hard disk space (job box free space) appears.

## **Using Remote UI**

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Job management.

## 3. Select Hard disk information.

The free hard disk space (job box free space) appears.

# Windows Printer Driver

- Overview of the Printer Driver
- Printer Driver Description
- Updating the Printer Driver

# **Overview of the Printer Driver**

- Canon IJ Printer Driver
- Changing the Print Options
- Canon imagePROGRAF Preview
- > How to Open the Printer Driver Setup Window
- > Updating Media Information in Printer Driver
- Setting Accounting Information
- > Set a PIN Code for Print Jobs
- Deleting the Undesired Print Job
- **Canon IJ Status Monitor**
- Instructions for Use (Printer Driver)

# **Canon IJ Printer Driver**

The Canon IJ printer driver (called printer driver below) is a software that is installed on your computer for printing data with this printer.

The printer driver converts the print data created by your application software into data that your printer can understand, and sends the converted data to the printer.

Because different models support different print data formats, you need a printer driver for the specific model you are using.

## Installing the Printer Driver

To install the printer driver, install the driver from the Setup CD-ROM or our website.

# Specifying the Printer Driver

To specify the printer driver, open the **Print** dialog box of the application software you are using, and select "XXX" (where "XXX" is your model name).

## Displaying the Manual from the Printer Driver

To display a description of a tab in the printer driver setup window, click the Help button found on the tab.

## **Related Topic**

How to Open the Printer Driver Setup Window

# **Changing the Print Options**

You can change the detailed printer driver settings for print data that is sent from an application software.

Check this check box if part of the image data is cut off, the paper source during printing differs from the driver settings, or printing fails.

The procedure for changing the print options is as follows:

- 1. Open the printer driver setup window
- 2. Click Special Settings ... on the Layout tab

🖶 Canon Printing Preference	es	×	
Main Page Setup Layout Favorites	Utilty		
	Page Layout:	Poster (2 x 2) ~ Set	
	Stamp:	CONFIDENTIAL ~	
		Define Stamp	
Letter (8.5"x11"): 850 in x 11.00 in Actual Size Letter (8.5"x11"): 850 in x 11.00 in	Print Cente		
No Spaces at Top or Bottom			
N	Copies:	1 (1 · 999)	
	Page Options	Special Settings Defaults	
	ОК	Cancel Apply Help	

The Special Settings dialog box opens.

Special Settings		×
Settings Summary:		
Parameter	Settings	^
Spooling at Printer Driver	No	
RneZoom Settings	Auto	
Preview Switching	Off	
Application Color Matching Priority	On	
Disable the color profile setting of the application software	Off	
Adjust Faint Lines	Off	
Shapen Text	On	
Count. Datton Doubtion	3004ei	¥
Spooling at Printer Driver: No	v	
ОК	Cancel Defaults Help	_

**3.** Change the individual settings

If necessary, change the setting of each item, and then click  $\ensuremath{\textbf{OK}}.$ 

The Layout tab is displayed again.

# Canon imagePROGRAF Preview

The Canon imagePROGRAF Preview is an application software that displays what the print result will look like before a document is actually printed.

The preview reflects the information that is set within the printer driver and allows you to check the document layout, print order, and number of pages. You can also change the media type and paper source settings.

When you want to display a preview before printing, open the <u>printer driver setup window</u>, click the **Main** tab, and check the **Preview before printing** check box.

When you do not want to display a preview before printing, uncheck the check box.

## **Related Topic**

Displaying the Print Results before Printing

# How to Open the Printer Driver Setup Window

You can display the printer driver setup window from the application software in use or from the printer icon.

## Open the Printer Driver Setup Window through the Application Software

Follow the procedure below to configure printing profile when printing.

 Select the command that you perform printing on the application software In general, select **Print** on the **File** menu to open the **Print** dialog box.

2. Select your model name and click Preferences (or Properties)

The printer driver setup window appears.



• Depending on application software you use, command names or menu names may vary and there may be more steps. For details, refer to the user's manual of your application software.

## Opening the Printer Driver Setup Window from the Printer Icon

Follow the procedure below to perform printer maintenance operations such as print head cleaning, or to configure a printing profile that is common to all application software.

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 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.

# Updating Media Information in Printer Driver

This function gets the latest media information from the printer and updates the media information in the printer driver.

When the media information is updated, the media displayed for **Media Type** on the **Main** tab is updated to the latest information.

The procedure for updating media information is described below.

#### 1. Display the Devices and Printers window

Select the **Control Panel -> Hardware and Sound (Hardware) -> Devices and Printers**. The **Devices and Printers** window is displayed.

#### 2. Display setup window

Right-click the "Your model name" icon, and select **Printer properties**. The printer's **Properties** window appears.

#### 3. Update media information

#### Click Update Media Information the Device Settings tab.

When a confirmation message appears, click Start.

If the paper information on the driver cannot be updated, click **Initial Check Items** and check the displayed information.

The printer driver media information will update.

### Important

- It may take some time to update the media information.
- 4. Finish updating media information

When a confirmation message appears, click **OK**. The media information will be updated.

#### Important

- Restart the printer driver after updating media information.
- Do not change media information on the printer while you are updating media information on the driver.

### Important

- Ensure that a user with administrative privileges carries out the media information update. Users other than administrators can check if a media information update is required, but cannot carry out the update itself.
- When you have added, deleted, or edited media using administrative tools (the Media Configuration Tool) but have not updated the media information, issues may arise such as the inability to print.

# **Setting Accounting Information**

By setting accounting information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID. You can also lock accounting information, or require this information be entered before printing.

The procedure for setting accounting information is described below. To lock accounting information or require it to be entered, refer to <u>Setting Accounting Information from Printer properties</u> to change the settings.

## **Entering Accounting Information for Print Jobs**

- 1. Open the printer driver setup window
- 2. Click Accounting ... on the Main tab

	Media Type: Plain Paper	
	Get Information	Specify_
	Eusy Settings 🗸 🗸	1
	Print Target	,
	Defult Settings	
	Photo (Dolor) Poster	
	CAD (Dolor Line D	ramine)
(A4:	CAD (Monochrom	
8.27 in x 11.69 in	Perspective, GIS	
A4 :	Print Quality: Standard	~
8.27 in x 11.69 in	The best setting for posters. Prints u colors.	sing wivid and high impact
-ACT		View Settings
N	Preview before printing	

The Accounting dialog box opens.

3. If necessary, complete the settings

### >>>> Note

• If required fields are left blank, a warning will be displayed and printing cannot be started.

## **Setting Accounting Information from Printer properties**

Administrators can use the following settings to lock accounting information or require it to be entered.

1. Display the Devices and Printers window

Select the **Control Panel -> Hardware and Sound (Hardware) -> Devices and Printers**. The **Devices and Printers** window is displayed.

### **2.** Display setup window

Right-click the "Your model name" icon, and select **Printer properties**. The printer's properties window appears.

	Automatically switch pape		animite à
	The roll paper that gives the printed paper size is autor	e smallest margin an	
	Even more paper out to advise in the printer driver.		otate Page 30 degre
and the second s	Roll Paper Width 1:	24 in Roll (60	09.6mm)
	Roll Paper Width 2:	24 in Roll (60	(mmà 60
	Update Media In	formation	Accounting
	Preferences_ Devic	e Information	About

### 3. Click Accounting on the Device Settings tab

The Accounting dialog box opens.

4. If necessary, complete the settings

If you want to require accounting information, check the check box to make each item required. To prevent changes to accounting information, check the checkbox to set each item as fixed.

After completing the setting, click **OK** to return to the **Device Settings** tab.



- If you made accounting information a required field, you need to enter accounting information in the **Accounting** dialog box in the **Main** tab. Printing will not start until you do this.
- 5. Apply the settings

Click **OK** or **Apply**. The settings are enabled hereafter.

# Set a PIN Code for Print Jobs

If you set a PIN code to your print jobs, the print jobs remain in standby status until the PIN code is entered on the printer operation panel.

As the material is printed immediately after entering the PIN code, issues such as retrieving the wrong documents and allowing others to peek at your documents can be prevented.

The procedure for setting a PIN code to your print jobs is explained here.

- 1. Open the printer driver setup window
- **2.** Set the output method

Click Output Method... in the Page Setup tab.

3. Set the PIN code

Place a checkmark next to Set PIN for printing, and enter a one to seven-digit number in PIN.

Output Method		×
Output Method		
Print		
Set P	IN for printing	1
PIN:	••••••	
Print	after reception is complete	•
O Save in		
Name of data to be	saved	
Use file (		
O Enter na	me .	
Nam	r	
lob Box		
Job Box Number	Job Box Name	^
01		
02		
04		
05		
06		~
<		>
	Acquir	re Job Box Name
ОК	Cancel Defaults	Help

4. Complete the setup

Click OK.

When you print, the print job is set to standby status on the printer unit.

If you enter the PIN code you set on the printer operation panel, the print job will be printed.

### Note Note

- See "Printing Security Print Jobs" for instructions on how to operate using the printer operation panel.
- Print jobs with a PIN code set are not saved on the printer hard disk.

# **Deleting the Undesired Print Job**

If the printer does not start printing, canceled or failed print job data may be remaining. Delete the undesired print job by using the Canon IJ Status Monitor.

- 1. Open the printer driver setup window
- 2. Display the Canon IJ Status Monitor

Click **Status Monitor...** on the **Main** tab. The Canon IJ Status Monitor appears.

3. Display the print jobs

Click **Display Send Queue**. The print queue window opens.

4. Delete the print jobs

Select the print jobs you want to delete, and select **Cancel** from the **Document** menu. When the confirmation message appears, click **Yes**.

The deletion of the print job is complete.

### Important

• Users who have not been granted access permission for printer management cannot delete the print job of another user.

# **Canon IJ Status Monitor**

The Canon IJ Status Monitor is an application software that shows the status of the printer and the progress of printing. You will know the status of the printer with graphics, icons, and messages.

## Launching the Canon IJ Status Monitor

The Canon IJ Status Monitor launches automatically when print data is sent to the printer. When launched, the Canon IJ Status Monitor appears as a button on the task bar.

🛋 🔎 📰 🔿 📰 🛃 💕

Click the button of the status monitor displayed on the task bar. The Canon IJ Status Monitor appears.

😴 Canon	BOTH BOTH colorest	- 🗆 X	(
Option Remote UI	Help		
Ē	Printing.		
Document Name:	Test Print - Notepad		
Owner:	100		
Printing Page:	1/1		
Remaining Printing Time	of Current Page: Printing will finish soon.		
	Display Send Queue	Cancel Printing	]
Estimated ink	evels		
Estimated Mai	tenance Cartridge Usage		
Paper Feed			

### >>>> Note

- To open the Canon IJ Status Monitor when the printer is not printing, open the <u>printer driver setup</u> <u>window</u> and click **Status Monitor...** on the **Main** tab.
- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

## When Errors Occur

If an error occurs (e.g., if the printer runs out of paper or if the ink is low), the Canon IJ Status Monitor displays an error information dialog box.

Canon -	
Support Code : 1005 Paper out.	
Check the printer's operation panel.	
	Cancel Printing

In such cases, take the appropriate action as described.

# Checking the Ink Status from Your Computer

You can check the remaining ink level and the ink tank types for your model.

- 1. Open the printer driver setup window
- 2. Launching the Canon IJ Status Monitor

On the **Main** tab, click **Status Monitor...**. The Canon IJ Status Monitor opens.

### 3. Display Estimated ink levels

Ink status is displayed as an illustration.

🕲 Canon -	-	- ×	
Option Remote UI Help			
Printer is online.			
Document Name:			
Owner:			
Printing Page:			
Remaining Printing Time of Current Page:			
	Display Send Queue	Cancel Printing	
Estimated ink levels			
Estimated Maintenance Cartridge Usage			
Paper Feed			

### >>>> Note

• The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

# Instructions for Use (Printer Driver)

This printer driver is subject to the following restrictions. Keep the following points in mind when using the printer driver.

## **Restrictions on the Printer Driver**

- Before installing, log on to Windows as user with administrator rights.
- · Always check the following before installing the software.
  - 1. Quit the application software while it is running.
  - 2. If you are printing a document, abort printing or wait for it to finish.
  - 3. Close all the printer driver's dialog boxes.
- If you can set the number of copies with the application software, set them either with the printer driver or the application software.
- If you can configure enlarging/reducing settings with the application software, set the normal size (100%) in the printer driver, and then configure the magnification factor with the application software.
- Depending on the application software used, it may be possible to print collated copies; however, please do not use this feature when configuring layout printing with the **Page Layout** option in the **Layout** tab.

This may cause incorrect layout.

- When printing enlarged/reduced documents, printed results may come out different due to a discrepancy between the image data resolution and the enlarging/reducing ratio.
- When printing reduced color images, 1-dot wide lines or points may disappear from the color images.
- Depending on the application software, lines drawn at almost horizontal angles may not print correctly.

If that should happen, re-draw the line horizontally and print one more time.

• Immediately after installing (or updating) the printer driver, you might not be able to visualize new features in some of the application software.

In all application software provided with printing features, choose Print from the File menu and, after selecting the printer you are using, click the Properties.

After the Properties dialog box has opened, immediately close it by clicking OK.

• If you update the model name of your printer through the **General** tab in the printer's Properties, the **Favorites** settings registered in the printer driver will be disabled.

In such cases, save the Favorites settings as a file before changing the name of the printer and reload the saved file after you have updated the printer's name.

Printing at high resolution requires a large amount of memory on your computer.
 When your computer is low on memory or you are using a large number of application software, the

application software may not work correctly.

In such cases, re-start Windows and, before resuming printing, close all the applications you are not using. Also, when the printer is not printing correctly, switch the **Print Quality** setting in the **Main** tab to a lower resolution.

- When using a local connection, if you do not see a check mark next to the **Enable bidirectional support** option in the **Ports** tab in the printer's Properties, it will not be possible to acquire printer and device information correctly.
- If you are you are using your printer with a USB connection, refrain from using standby mode. You can set standby mode through the **Power Options** on the **Control Panel**.

• In case of a large amount of print data, the printer may time-out during printing and you may no longer be able to print.

In such cases, in the **Advanced** tab in the printer's Properties, choose **Spool print documents so program finishes printing faster** and place a check mark next to **Start printing after last page is spooled**.

• Fine lines and gradients may not print correctly.

In such cases, choose Print from the File menu of the application, and after opening from there the property dialog box of the printer driver, follow the procedure below and then run printing.

- 1. In the Main tab, uncheck Preview before printing.
- 2. In the Layout tab, uncheck Page Layout.
- 3. If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings...**. Turn off **Fast Graphic Process**.
- In case of a large amount of print data, the printer may time-out during printing and you may no longer be able to print.

In such cases, you may be able to print by increasing the time set in Job timeout in the printer's operation panel.

- Depending on the application used, if you print using features like enlarging/reducing, layout printing, page borders and so on, some of the data in the resulting printed document, for example graphics, may differ from the source document.
- If you print very large images from your computer when it's running low on memory, you may not be able to print correctly; for example, it may take a very long time to print or parts of the image may end up missing.

In such cases, try printing after following the procedure indicated below.

- If you are using a 32-bit driver, open the **Layout** tab and click **Special Settings...**. Turn off **Fast Graphic Process**.
- Increase your computer memory.
- Increase the virtual memory of your operating system.
- Do not change the **Print Processor...** settings in the **Advanced** tab in the printer Properties. If you change them, you will not be able to use some of the features correctly, such as the **Page Layout** feature in the **Layout** tab.
- In the cases described below, you will not be able to use the **Edit Using PosterArtist** feature of **Page Layout** in the **Layout** tab, as well as the Canon imagePROGRAF Preview feature.
  - When right-clicking on the printer icon and choosing from **See what's printing**: **Printer -> Pause Printing**, or when right-clicking on the printer icon and choosing **Pause Printing**
  - When right-clicking on the printer icon and choosing from **See what's printing**: **Printer -> Use Printer Offline**, or when right-clicking on the printer icon and choosing **Use Printer Offline**
  - When printing during hours other than those set in Available from and To in the Advanced tab in the printer's Properties
  - When printing with the **Enable advanced printing features** turned off in the **Advanced** tab in the printer's Properties
  - When printing with Print directly to the printer enabled in the Advanced tab in printer's Properties
  - When printing after the printing port in the **Ports** tab in the printer's Properties has changed to **FILE:**
  - $\circ\,$  When printing after choosing Output to file in the Print dialog box in the application software

- If you perform a point-and-print installation, you will not be able to use the **Edit Using PosterArtist** features of **Page Layout** in the **Layout** tab.
- If you print after setting Edit Using PosterArtist, refrain from printing from other drivers.
- If you combine specific **Print Quality** with large paper sizes, you may not be able to correctly print stamps and borders.
- In the Canon imagePROGRAF Preview, characters and fine lines visualized in the View screen may look differ from printed results. In such cases, try choosing the **Layout** tab, opening the **Special Settings** dialog and turning on **Preview Switching**.
- If you are using a model supporting Automatically switch paper sources (paper size priority) in the Device Settings tab, or if you have chosen Automatically switch paper sources (paper size priority), you may not be able to get the desired printing results.

## In such cases, uncheck Automatically switch paper sources (paper size priority).

## Points to Note About Applications with Restrictions

- If, in Microsoft Excel, you place a checkmark next to the Collate and then you print more than one copy, or if you do **Entire workbook** after configuring different settings in each tab, you may not be able to perform layout printing nor to get the intended printing results.
- If you try to print data on a very large-size paper through applications like Adobe Illustrator, you may not be able to print.

In such cases, try printing after following the procedure indicated below.

- Open the Main tab and uncheck Preview before printing.
- If you are using a 32-bit driver, open the Layout tab and click Special Settings....
   Turn off Fast Graphic Process.
- Increase the virtual memory of your operating system.
- If you are using Adobe Illustrator, turn off/on **Bitmap printing** in the Print dialog box.
- When printing from application software that does not allow EMF spooling, you will not be able to use the **Edit Using PosterArtist** feature of **Page Layout** in the **Layout** tab.
- When printing from Adobe Photoshop, tone jumps may occur in the gradation of black and white photographs.
- When printing data created with Microsoft Word using **Enlarged/Reduced Printing** or **Borderless Printing**, you may not be able to print correctly.
  - In such cases, try printing after following the procedure indicated below.
    - Open the printer folder from the start menu, right click on the printer icon and select Printing preferences. Launch the application after setting, in the Page Setup tab, Page Size, Enlarged/ Reduced Printing and Borderless Printing.
    - $\circ\,$  Open Microsoft Word's Page setup dialog box and close it by clicking OK.
    - After configuring the printer driver, close momentarily the **Print** dialog box without printing. Then, open the printer driver's set up screen once again, close it by clicking **OK**, and run printing.

# **Printer Driver Description**

- Main Tab Description
- Page Setup Tab Description
- Layout Tab Description
- Favorites Tab Description
- Utility Tab Description
- Device Settings Tab Description
- > Canon IJ Status Monitor Description

# Main Tab Description

The **Main** tab allows you to create a basic print setup in accordance with the media type. Unless special printing is required, normal printing can be performed just by setting the items on this tab.

Main Page Setup Layout Favorites	Unity	×
	Media Type: Plain Pager Get Information Specify	~
A4 :	Easy Settings  Print Target:  Photo (Dolor)  Poster  CAD (Monochrome Line Drawing)  CAD (Monochrome Line Drawing)	
8.27 in x 11.69 in ▲ Actual Size A4 : 8.27 in x 11.69 in	Perspective, GIS Print Quality: Standard The best setting for posters. Prints using wind and high impact colors.	>
	View Setting: Preview before printing Status Monitor Defin	

#### **Settings Preview**

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

#### Media Type

Selects a type of printing paper.

Select a media type that matches the paper that is loaded in the printer. This ensures that printing is carried out properly for the specified paper.

#### Get Information...

Opens the Paper Information on Printer dialog box.

You can check the settings on the printer and apply the checked settings to the printer driver.

#### Specify...

Open the **Paper Detailed Settings** dialog box, and specify detailed print settings that match the media type loaded in the printer.

#### Pull-down menu

# Switches the Easy Settings and Advanced Settings.

# **Easy Settings**

This mode allows you to print by using pre-registered print settings.

#### **Print Target**

Print settings that are generally used frequently are pre-registered as print purposes. By using a print purpose to print, you can print by using settings that match the document.

#### **Default Settings**

Select this when printing general documents such as business documents.

#### Photo (Color)

Select this when printing a color illustration or a photograph.

#### Poster

Select this when printing posters.

#### CAD (Color Line Drawing)

Select when printing data such as drawings.

#### CAD (Monochrome Line Drawing)

Select when printing data such as drawings in monochrome.

# Perspective, GIS

Select when printing data such as perspectives and GIS.

#### **Print Quality**

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

#### Important

 Depending on the Media Type settings, the same print results may be produced even if the Print Quality is changed.

#### High

Gives priority to print quality over printing speed.

#### Standard

Prints with average speed and quality. Resolution settings depend on media type.

#### Fast

Gives priority to printing speed over print quality.

#### Custom

Opens the <u>Custom dialog box</u>. Select this when you want to set the printing quality level individually.

#### View Settings

Opens the View Settings dialog box.

#### **Advanced Settings**

This mode allows you to print by specifying detailed settings that match your purpose.

# **Print Priority**

Select elements to prioritize for print results.

# Auto (Use Printer Settings)

Use printer settings when printing.

#### Image

Prioritize image results when printing.

# Line Drawing/Text

Prioritize detailed lines and text when printing.

#### **Print Quality**

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

# Important

 Depending on the Media Type settings, the same print results may be produced even if the Print Quality is changed.

#### High

Gives priority to print quality over printing speed.

#### Standard

Prints with average speed and quality. Resolution settings depend on media type.

#### Fast

Gives priority to printing speed over print quality.

#### Custom

Opens the Custom dialog box.

Select this when you want to set the printing quality level individually.

#### **Color Mode**

Select the color to print.

#### Color

Prints with the number of colors in the document.

#### Monochrome

Select this setting to print a line drawing using black ink.

#### **Monochrome Bitmap**

Print all non-white parts in black.

#### Color Settings...

Opens the Color Settings dialog box.

You can adjust individual color settings such as **Cyan**, **Magenta**, **Yellow**, **Brightness**, and **Contrast** on the **Color Adjustment** tab, and select the **Color Correction** method on the **Matching** tab.

#### Thicken Fine Lines

To make thin lines thicker and easier to see when printing, add a checkmark.

#### Preview before printing

You can start up the Canon imagePROGRAF Preview, and check what the printing results will be before executing the print.

Check this check box to display a preview before printing.

#### Status Monitor...

Displays the status monitor.

# Accounting...

#### Opens the Accounting dialog box.

By setting **Accounting** information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

# >>>> Note

· To set accounting information, see "Setting Accounting Information."

#### Defaults

Restores all the settings you have changed to their default values.

Clicking this button restores all the settings on the current screen to their default values (factory settings).

# Paper Detailed Settings dialog box

# **Drying Time**

Wait time can be set to allow ink to dry. Between Pages settings are only enabled for roll paper.

# **Between Pages**

The wait time until outputting paper can be set after printing one page. Time is taken before cutting roll paper to allow the ink to dry, so the page may be dropped into the basket with dried ink.

#### **Printer Default**

Settings in printer unit operation panel are applied.

#### None

Page will be output immediately after printing

#### 15 sec. / 30 sec. / 45 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / 60 min.

Page will be output after set amount of time has passed after printing.

#### **Between Scans**

The wait time until printing next scan can be set after printing one scan in page. Set in the event smudging occurs in the page, unevenness occurs in borderless printing, etc., and you would like to avoid this smudging and unevenness.

#### **Printer Default**

Settings in printer unit operation panel are applied.

#### None

Next scan will be print immediately after first scan is print.

# 0.5 sec. / 1 sec. / 2 sec. / 3 sec. / 5 sec. / 7 sec. / 9 sec.

Next scan will be print after the set amount of time has passed after printing one scan. \* If smudges and/or unevenness occur, please increase time.

#### **Roll Paper Safety Margin**

In order for heavily curling paper to absorb well in platen, length of margin established on edge of paper can be selected.

#### **Near End Margin**

Roll Near End Margin length can be set.

#### **Printer Default**

Settings in printer unit operation panel are applied.

# 3mm

Will be print in standard size.

\* Please select when there are no particular problems with printing.

#### 20mm

Please select when rubbing of the print heads occurs, such as when heavily curling paper is being used.

# **Cut Speed**

Select auto-cut speed. This can be adjusted when paper cannot be cut precisely with auto-cut.

#### **Printer Default**

Settings in printer unit operation panel are applied.

#### Fast

Select when cut is not smooth with Standard settings.

#### Standard

Select when there are no particular problems with auto-cut.

#### Slow

If this is selected for paper with adhesive, the cutter will not stick to the adhesive easily and it will slow deterioration of the cutter's capabilities.

# **Unidirectional Printing**

Controls color unevenness and unaligned ruled lines. Please check when printing in one direction.

#### **Calibration Value**

The results can be applied when printing in the event color calibration was set in printer unit. Please select **Use Value** when applying calibration.

#### Mirror

Select whether to print reflected image or not. When you select this check box, text and images will be printed as if reflected in a mirror.

# Custom dialog box

Set the quality level, and select the desired print quality.

# Quality

You can use the slider bar to adjust the print quality level.

# Important

• Certain print quality levels cannot be selected depending on the settings of Media Type.

# Note

• The **High**, **Standard**, or **Fast** print quality modes are linked with the slider bar. Therefore when the slider bar is moved, the corresponding quality and value are displayed on the left. This is the same as when the corresponding quality is selected for **Print Quality** on the **Main** tab.

# View Settings dialog box

#### **Print Target**

Select the print purpose. The settings of the selected print purpose are displayed in Details.

#### Name

Displays the name of the selected print purpose.

#### Details

Displays the settings of the print purpose that was selected for Print Target.

# **Color Settings dialog box**

# **Color Adjustment Tab**

This tab allows you to adjust the color balance by changing the settings of the **Cyan**, **Magenta**, **Yellow**, **Brightness**, and **Contrast** options.

# Preview

Shows the effect of color adjustment. The color and brightness change when each item is adjusted.

# **View Color Pattern**

Displays a pattern for checking color changes produced by color adjustment. If you want to display the preview image with a color pattern, check this check box.

# Cyan / Magenta / Yellow

Adjusts the strengths of Cyan, Magenta, and Yellow.

Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50. This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document. Use your application if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

# Important

• When **Monochrome** is selected for **Color Mode**, the color balance (**Cyan**, **Magenta**, and **Yellow**) can't be set.

# Brightness

Adjusts the brightness of your print. You cannot change the levels of pure white and black. However, the brightness of the colors between white and black can be changed. Colors become brighter as you drag the slider toward the right and darker as you drag the slider toward the left. You can also directly enter brightness values that are linked to the slider bar. Enter a value in the range from -50 to 50.

# Contrast

Adjusts the contrast between light and dark in the image to be printed.

Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

# **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**, **ICC Profile Matching**, **ICM**, or **Off** to match the purpose of the print operation.

# **Driver Matching**

Print with the optimal color using the driver's original color profile. Normally, you should choose this mode.

#### **ICC Profile Matching**

Carry out color matching using the ICC profile. Specify the input profile, printer profile and matching method in detail, and select when printing. You can use the digital camera or scanner ICC profile, or the ICC profile created using the profile creation tool.

#### ICM

Perform color matching on the host computer using the Windows ICM function. Select when printing from an ICM function-compatible application.

#### Off

Print without performing color matching on the printer driver. Select this when performing color matching using applications such as Adobe Photoshop, or printing using a profile creation tool or color chart.

# Important

• When setting not to use ICM in the application software, **ICC Profile Matching** and **ICM** of **Color Correction** do not function. There are also times when it does not print correctly.

#### **Input Profile**

Specifies the input profile to be used when you select ICC Profile Matching for Color Correction.

#### **Printer Profile**

Specifies the printer profile to be used when **ICC Profile Matching** is selected for **Color Correction**.

Normally Auto Settings is selected but you can also select a printer profile manually.

#### **Rendering Intent**

Specifies the matching method to be used when you select **Driver Matching**, **ICC Profile Matching**, or **ICM**, for **Color Correction**.

#### Perceptual (Photo) / Perceptual

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

#### Saturation (Poster/CAD) / Saturation

Reproduces vivid colors on data such as a poster. In addition, prints in easy-to-see colors suitable for line drawing.

#### **Relative Colorimetric**

When image data is converted to the color space of the printer, this method converts the image data so the color reproduction approximates the shared color regions. Select this method to print image data with colors that are close to the original colors.

The white spots are reproduced as white spots (background color) on the paper.

#### Absolute Colorimetric

This method uses the white spot definitions in the input and output ICC profiles to convert the image data.

Although the color and color balance of the white spots change, you may not be able to get the desired output results because of the profile combination.

# Important

• Depending on the media type, you may obtain the same print results even when you change the **Rendering Intent** setting.

• If Driver Matching is selected for Color Correction, then Relative Colorimetric and Absolute Colorimetric are not displayed.

# Accounting dialog box

Click Accounting... to display the Accounting dialog box.

The **Accounting** dialog box allows you to add IDs to print jobs. You can then use the IDs, along with the printer and cost management tool, to tabulate print history information.

# Account ID/Department/Project number

Enter the account ID, department, and project number that you want to set. Enter the ID by using up to 20 alphanumeric characters (0 to 9, a to z, and A to Z).

# Page Setup Tab Description

The Page Setup tab allows you to set borderless printing for a document and specify the scaling.

Canon Printing Preference	s	>
Main Page Setup Layout Favorites	Utilty	
	Page Size:	Letter (8.5"x11") ~
	Borderless Print/	
	Enlarged/Reduced Pr	inting
	In Paper Size	
	O Fit Roll Paper W	
	Scaling	Auto 🗘 🛠 (5 - 600)
Letter (8.5"x11") : 8.50 in x 11.00 in	Printer Paper Size:	Same as Page Size $\qquad \lor$
Actual Size     Letter (8.5"x11") :	Orientation	
8.50 in x 11.00 in	▲ © Po	frat 🚺 🔿 Landscape
ALC: A	🗐 🗆 Rotate Page 90	) degrees
	Paper Source:	Roll Paper (Auto)
N N N N N N N N N N N N N N N N N N N	Roll Paper Widh:	24 in Roll (609.6mm) ~
4		Roll Paper Options
	Output Method	Size Options Defaults
	ОК	Cancel Apply Help

#### **Settings Preview**

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

#### Page Size

Selects a page size.

Ensure that you select the same page size as you selected within the application.

When you select **Custom Size** from **Custom Paper Size**, the <u>Custom Size Settings dialog box</u> appears, and you can specify any vertical and horizontal dimensions for the paper.

#### **Borderless Printing**

Chooses whether you are printing on a full page without any page margins or printing with page margins.

In borderless printing, originals are enlarged to extend slightly off the paper. Thus, printing can be performed without any margins (border).

# Important

 When Cut Sheet is selected for Paper Source, Borderless Printing is grayed out and cannot be set.

# **Borderless Setting**

Select **Borderless Printing** to enable it for clicking. Open the **Borderless Setting** dialog box, so that you can adjust **Amount of Extension**.

#### **Borderless Printing Method**

This appears when you select Borderless Printing.

Set the borderless printing method.

# Fit Paper Size

Enlarge or reduce the document to match the size of the paper to be printed, and then print the document.

# Scale to fit Roll Paper Width

You can enlarge or reduce the document to match the roll paper width and then print the document.

When you select this radio button, the **Information** dialog box appears, and you can select **Roll Paper Width**.

# Print Image with Actual Size

Prints the document at its actual size.

# **Printer Paper Size**

When you select Fit Paper Size, you can specify the setting.

Select the size of the paper to be printed.

The list displays the paper sizes that support borderless printing.

# **Enlarged/Reduced Printing**

You can enlarge or reduce a document and then print it.

When you select Enlarged/Reduced Printing, you can then set Fit Paper Size, Fit Roll Paper Width, or Scaling.

# Fit Paper Size

Enlarge/reduce the document to match the size of the paper to be printed, and then print the document.

# Fit Roll Paper Width

You can enlarge/reduce the document to match the roll paper width and then print the document. When you select this radio button, the **Information** dialog box appears, and you can select **Roll Paper Width**.

# Scaling

Enlarge or reduce the document to a specified scale before printing.

# **Printer Paper Size**

When you select **Fit Paper Size**, or **Scaling**, you can specify the setting. Select the size of the paper to be printed.

# Orientation

Selects the printing orientation.

If the application used to create your document has a similar function, select the same orientation that you selected in that application.

# Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

# Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.

# **Rotate Page 90 degrees**

Rotate the long edge of the document 90 degrees, match it to the width of the roll paper, and then print the document.

When you print a portrait document onto roll paper, you can save paper by rotating the document 90 degrees and print the document horizontally relative to the paper.

# Paper Source

Shows the source from which paper is supplied.

You may be able to switch the paper source with the printer driver.

# Roll Paper (Auto)

Depending on the paper settings on the printer driver and the paper information registered to the printer, the printer automatically determines which roll paper to use and then feeds that paper.

# Roll 1

Feeds paper from Roll 1.

# Roll 2

Feeds paper from Roll 2.

# **Cut Sheet**

Feeds paper using the cut sheet.

# Important

• Depending on the media type and size, the **Paper Source** settings that can be selected may differ.

# **Roll Paper Width**

Select the roll paper width.

Select the width that matches the width of the roll paper loaded in the printer.

If you select Custom Size (XXXX), the paper size set in the printer will be used.

The paper information set in the printer can be confirmed in Get Information... in the Main sheet.

If you select **User-defined1 (XXXX)** or **User-defined2 (XXXX)**, the <u>**Custom Size Settings** dialog</u> box is displayed, where you can specify the roll paper width.

# **Roll Paper Options...**

Displays the Roll Paper Options dialog box.

You can specify auto cut, banner printing, and other settings for printing on roll paper.

# Output Method...

Displays the Output Method dialog box.

You can select Output Method and specify save settings for saving documents to a box.

# Size Options...

Displays the Paper Size Options dialog box.

The Paper Size Options dialog box allows you to create and register any user-defined paper.

# Custom Size Settings dialog box (Paper Size)

This dialog box allows you to specify the size (width and height) of the custom paper.

# Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

# Units

Select the unit for entering a user-defined paper size.

# Borderless Setting dialog box

Adjust how much of the document extends off the paper during borderless printing, and configure the three-sided borderless setting.

#### Amount of Extension

Adjusts how much of the document extends off the paper during borderless printing. Moving the slider to the right increases the amount of extension and allows you to perform borderless printing with no problems.

Moving the slider to the left reduces the amount of extension and expands the range of the document to print.

#### **Three-sided Borderless**

If you check this check box, and the width or the length of the output paper size is smaller than the roll width, a margin will be created on the right of the document, and the remaining three sides (top, bottom, and left) will be borderless when printing.

# Custom Size Settings dialog box (Roll Paper Width)

Enter the roll width you want to use.

#### **Roll Paper Width**

Specify the Width of the roll paper. Measurement is shown according to the units specified in Units.

#### Units

Select the unit for entering a user-defined paper size.

# **Roll Paper Options dialog box**

You can specify settings for printing on roll paper.

#### Automatic Cutting

You can print cut guidelines for cutting the roll paper automatically or manually after printing.

#### Yes

Cut the roll paper automatically after printing.

#### No

Do not cut the roll paper automatically after printing.

#### **Print Cut Guideline**

Prints cut guidelines for cutting the roll paper manual after printing.

#### **Banner Printing**

Select this check box to print documents with several pages as one continuous document. When you do this, the spaces between the pages will be removed.

# Output Method dialog box

Set the method for exporting the print job to the printer's hard disk drive.

# **Output Method**

# Print

After the printing ends, the print job is not saved to the printer's hard disk drive.

# Set PIN for printing

Set a PIN code for print jobs to prevent issues such as retrieving the wrong documents and allowing others to peek at your documents.

#### PIN

Enter a one to seven-digit number.

# Print after reception is complete

When you select this check box, you can prevent the print quality from dropping if the print job reception is cut off or if printing is interrupted.

# Save in Job Box

The print job is saved to the printer's hard disk drive. If you selected **Save in Job Box**, select an individual box number as the save destination from the **Job Box** list.

# Name of data to be saved

# Use file name

The file name is used as-is.

#### Enter name

You can set a new name. Enter the save name in Name.

#### Job Box

The box list appears. If you selected **Save in Job Box**, select an individual box number as the save destination from the list.

#### Acquire Job Box Name

When you click this, Job Box displays the box name that was obtained from the printer.

# Paper Size Options dialog box

You can create and register any user-defined paper. You can then select the defined paper size from **Custom Paper Size** of **Page Size**.

# Paper Size List

The names and sizes of the paper sizes that the printer driver can use are displayed.

#### Delete

From Paper Size List, you can delete a user-defined paper that a user created.

# >>>> Note

- Paper deletion is not possible in the following case:
  - When a standard paper size of the printer driver is selected
  - When an oversized paper size is selected
  - When a paper size with a red circle is selected

# **Custom Paper Size Name**

You can specify the name of a user-defined paper.

# Units

You can specify the units for the height and width dimensions of the user-defined paper.

# Page Size

You can specify the Width and Height settings of the paper.

# **Borderless Printing Size**

When you select this check box, you can select a size from the paper sizes that support **Borderless Printing**.

#### Fix the Ratio of the Width to Height

When you select this check box, you can change the size while keeping the **Width** and **Height** ratio.

#### Width

Specify the paper width.

#### Height

Specify the paper height.

# **Register with the OS**

Register the set user-defined paper in the OS.

By registering in the OS, any user sharing the use of the printer or PC can use the set user -defined paper.

#### Add

You can register a user-defined paper that was set and overwrite the existing user-defined paper.

# **Display Series**

You can narrow down the paper sizes to be displayed in Paper Size List.

#### Oversize

When you select this check box, add appropriate margins so that the document contents will not get cut off, and then print the document.

# Layout Tab Description

The **Layout** tab allows you to specify how to arrange the document onto the paper. You can also set the number of copies to be printed and the print sequence. If the application software that you used to create the document features the same functions, specify the settings from the application software.

🖶 Canon Printing Preference	5	×
Main Page Setup Layout Favorites	Ubity	
	Page Layout:	Verified Poster (2 x 2) Verified Set
	Stamp:	CONFIDENTIAL ~
		Define Stamp
Letter (8.5'x11') : 8.50 in x 11.00 in Actual Size	Print Cente	red
Letter (8.5'x11') : 8.50 in x 11.00 in	5 Rotate 180	degrees
	🛄 🗌 No Spaces	at Top or Bottom
	Copies:	1 🔃 (1 - 999)
સ 🔤		Print from Last Page
1		
	Page Options	Special Settings Defaults
	ОК	Cancel Apply Help

#### **Settings Preview**

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

The printer illustration shows how to load paper to match the printer driver settings.

Check whether the printer is set up correctly by looking at the illustration before you start printing.

#### Page Layout

Selects the size of the document you want to print and the type of printing.

# Poster (1 x 2)/Poster (2 x 2)

Printing is performed with poster settings.

The value in parentheses represents the ratio of the vertical x horizontal lengths. As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster. **Set...** 

Opens the Pages to Print dialog box.

Specify this setting when you want to print only specific pages.

#### 2 Pages/Sheet / 4 Pages/Sheet / 6 Pages/Sheet / 8 Pages/Sheet / 9 Pages/Sheet / 16 Pages/Sheet

Multiple pages are assigned to one sheet of paper and printed. The number presents the number of pages assigned to one sheet.

Set...

# Opens the Page Layout Printing dialog box.

You can freely specify detailed settings for assigned printing.

# Edit Using PosterArtist

Word processing and spreadsheet software documents and web browser screens, etc. can be edited a print from PosterArtist.

You must install PosterArtist to use this function. Go to the Canon website, download PosterArtist, and then install it.

# Stamp

The **Stamp** function prints a specific character string over the document pages. You can select the characters to be printed from a list or use the **Define Stamp** dialog box to set any characters.

# Define Stamp...

Opens the **Define Stamp** dialog box.

You can specify detailed stamp settings or register any stamp.

#### **Print Centered**

Prints document in center of paper.

#### **Rotate 180 degrees**

Rotates document 180 degrees and prints it.

# No Spaces at Top or Bottom

When printing on roll paper, you can save paper by reducing the upper and lower margins when printing.

#### Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

# Important

• If the application used to create your document has a similar function, specify the number of copies with the application without specifying it here.

# **Print from Last Page**

Check this check box when you want to print from the last page in order. If you do this, you do not need to sort the pages into their correct order after printing.

Uncheck this check box to print your document in normal order, starting from the first page.

# Page Options...

Opens the Page Options dialog box.

You specify settings for printing information such as date, user name, and page number.

# Important

 Depending on your usage environment, you may not be able to use the Page Options function. In this case, set Spooling at Printer Driver in the <u>Special Settings dialog box</u> to Yes.

# Special Settings...

Opens the Special Settings dialog box.

If you are unable to obtained the desired print results, you can change the print processing method.

# Pages to Print dialog box

When printing a poster that has been divided into several pages, you can specify which pages to print and just print those pages.

Simply clear the check boxes of the pages you do not want to print.

In the setting view, the pages that were unchecked are hidden, and only the pages to be printed are displayed.

#### Invert

Switches the pages to be displayed or hidden.

# >>>> Note

• The Pages to Print dialog box appears only when Poster (1 x 2) or Poster (2 x 2) is selected for Page Layout.

# Page Layout Printing dialog box

This dialog box allows you to select the number of document pages to be placed on one sheet of paper, the page order, and whether a page border line is to be printed around each document page. The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

#### **Preview Icon**

Shows the settings made on the **Page Layout Printing** dialog box.

You can check what the print result will look like before you actually print the data.

#### Page Order

Specifies the document orientation to be printed on a sheet of paper.

#### Page Border

Prints a page border line around each document page.

Select something other than None from the list to print the page border line.

Note

• The Page Layout Printing dialog box appears only when 2 Pages/Sheet, 4 Pages/Sheet, 6 Pages/Sheet, 8 Pages/Sheet, 9 Pages/Sheet, or 16 Pages/Sheet is selected for Page Layout.

# Define Stamp dialog box

The **Define Stamp** dialog box allows you to specify settings for printing a stamp over the document pages. In addition to the pre-registered ones, you can register and use your original stamp.

#### Stamps

This is a list of the pre-registered stamps.

#### Add

Creates an original stamp.

Click this item to set Name, Text, Font, Style, Size, and Color.

#### Name

Enter the stamp name to be registered.

#### Text

Enter the characters to be used in the stamp.

# Font

Selects the font for the stamp text string.

#### Style

Selects the font style for the stamp text string.

#### Size

Selects the font size for the stamp text string.

#### Color

Select the color of the stamp text string.

#### Delete

Deletes an unnecessary stamp.

Specify the title of an unnecessary stamp from the Stamps, and click this button.

#### Outline

Selects a frame that encloses the stamp text string.

#### **Print Style**

Select the stamp printing method.

Select **Transparent** to print the stamp on the back of the document, and select **Overlap** to print the stamp on the front.

#### Position

Specifies the stamp position on the page.

You can specify values in X and Y to set the coordinates, or you can drag the horizontal and vertical slide bars to the left/right or up/down to change the coordinates.

#### Move to Center

Moves the stamp to the center of the paper.

#### Angle

Set the stamp positioning angle.

You can specify a value in **Set Angle** to set the angle, or you can drag the slide bar left/right to change the angle.

When specifying an angle value, set a value in the range of -180 to 180.

#### Stamp first page only

Select this check box if you want to print a stamp only on the first page.

# Page Options dialog box

Specify the print settings, such as date, user name, and page number.

#### **Print Date**

Select the position for printing the date.

#### **Print Time Also**

Prints the time along with the date.

# Print User Name

Select the position for printing the user name.

# Print Page Number

Select the position for printing the page number.

# >>>> Note

• It will be displayed if you select **Yes** in **Spooling at Printer Driver** in the **Special Settings** dialog box.

# Format Settings

The Format Settings dialog box opens, and you can set the format.

# Format Settings dialog box

Set the format to be used when printing the contents set in the Page Options dialog box.

# Font

Select the font type.

# Style

Select the font style.

# Size

Select the font size.

# Color

Select the font color.

# Special Settings dialog box

The **Special Settings** dialog box allows you to change the print processing method if you do not get the print results you want.

# Settings Summary

This is a list of items that you can set in the Special Settings dialog box.

When you click an item that you want to set, the setting contents are displayed outside the box.

# Spooling at Printer Driver

Set whether print jobs are to be spooled in the print driver or whether PageComposer processing is to be performed.

Setting **No (Use RAW Spooling)** or **Yes** may improve the print results or the printing speed. Also, depending on the setting, you may not be able to use some of the driver functions.

# **FineZoom Settings**

Use this function to print on long paper.

Yes

The print problem may be corrected. Select this in usual cases.

# No

Image distortions may be corrected (for example, small lines may be eliminated).

# **Preview Switching**

If you check the **Preview before printing** check box on the **Main** tab and then print, PageComposer starts.

# **Application Color Matching Priority**

You can assign higher priority to color management by the application software.

# **Fast Graphic Process**

If image colors or line thicknesses are printed incorrectly, you may be able to get the print results you want by setting this function to off.

This is only displayed when using a 32-bit driver.

# Disable the color profile setting of the application software

If the color profile information set in the application software is output to the printer driver, the printing results may include an unexpected tint. You can resolve the problem in this case by setting **Disable the color profile setting of the application software** to **On**.



Even if this is set to **On**, it will only disable some of the color profile information, and it is still possible to print using the color profile.
 This should normally be set to **Off** when using

This should normally be set to **Off** when using.

# **Adjust Faint Lines**

This function prevents thin lines from fading when printing by darkening light colored lines.

# Sharpen Text

Set this to print fine text clearly.

# **Specify Pattern Resolution**

This function is for switching the rendering resolution for drawings using the hatch brush or pattern brush.

# **Favorites Tab Description**

The Favorites tab allows you to register frequently used print settings as favorites.

Canon Printing Preferences		×
Main Page Setup Layout Favorites Ut	ity	
Favortes:	Settings Details:	
● 🕽 Default Settings	Default Settings     Main     - Media Type : [Auto (Use Printer Settings)]     - Print Target : [Default Settings]     - Print Priorty : [Auto (Use Printer Settings)]     - Print Priorty : [Standard]     - Color Mode : [Color]     - Thicken Fire Lines : [Off]     Page State : [Letter (8.5"x11")]     - Printer Page State : [Same as Page State]     - Enlarged/Reduced Printing : [Off] Comment:	•
ED	Automatically selects the best mode for documents that contain a mixture of text, photos, and graphics.	°
Apply Favorte	Delete Edt Add	
Application Settings Priority	Import Export	
	OK Cancel Apply Help	

#### **Favorites**

A list of the registered favorite settings appears. The Default Settings are registered in the initial settings.

#### **Settings Details**

The settings of the favorite that you selected from Favorites appear.

#### Comment

The comment registered to the favorite appears.

#### **Apply Favorite**

You can change the print settings to the settings of the favorite that you selected from the **Favorites** list.

#### Delete

You can delete favorites that have become unnecessary.

# Edit...

The Edit dialog box opens.

You can change the name and icon settings of the favorite that you selected from the Favorites list.

#### Add...

# The Add dialog box opens.

You can register the current settings as a favorite.

# **Application Settings Priority**

The setting in the application software will take priority over the favorites setting set on the printer driver. The setting in the application software is only prioritized for **Page Size**, **Orientation** and **Copies**. Place a checkmark to prioritize the settings for the application software.

#### Import...

You can read the settings of the favorite that was saved to a file (.cfg).

# Export...

You can save the settings of a favorite to a file (.cfg).

# Edit dialog box

You can change the name and icon of the favorite that you selected from the Favorites list.

# Name

Changes name to be displayed in Favorites list.

# lcon

Changes icon to be displayed in **Favorites** list.

# Comment

Changes information to be displayed in **Comment**.

# Add dialog box

You can save the current print settings as the settings of a favorite.

#### Name

Set the name to be displayed in Favorites list.

# lcon

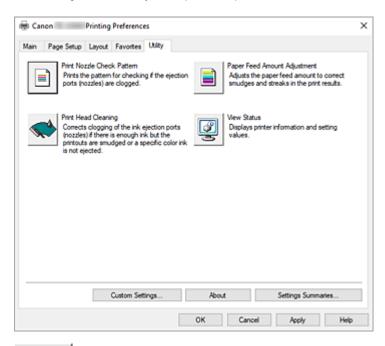
Set the icon to be displayed in Favorites list.

# Comment

Enter information to be displayed in **Comment**.

# **Utility Tab Description**

The Utility tab allows you to perform printer maintenance or check the settings of the printer.





# Print Nozzle Check Pattern

Prints a nozzle check pattern.

Perform this function if printing becomes faint or a specific color fails to print. Print a nozzle check pattern, and check whether the print head is working properly.

If the print result for a specific color is fainted, or if there are any unprinted sections, use **Print Head Cleaning** to clean the print head.

# Paper Source

Displayed using the **Media Type**, **Page Size** and **Roll Paper Width** for each currently set paper feed position.



# Print Head Cleaning

Performs print head cleaning.

Print head cleaning removes any blockage in the print head nozzles.

Perform cleaning when printing becomes faint, or a specific color fails to print, even though all ink levels are sufficiently high.



# Paper Feed Amount Adjustment

This function adjusts the paper feed amount if the print result is faint or contains streaks.



This function copies printer information and setting values to the clipboard.

# Custom Settings...

# Acquire media information from the printer at startup

When the printer driver setup window is opened, the media type registered in the printer is automatically applied to **Media Type**.

# Apply the previous print settings according to the media type

If you change **Media Type**, the print purpose and quality of the previous print are applied.

# About

Opens the **About** dialog box.

You can check information such as the version and copyright of the printer driver.

# Settings Summaries...

The Settings Summaries dialog box is displayed.

You can confirm the list of items set in the printer driver.

If you click the tab of each sheet, you can confirm the setting details of each item.

# **Related Topics**

- Cleaning the Print Heads
- Printing a Nozzle Check Pattern

# **Device Settings Tab Description**

Many of the tabs in the Properties windows of the printer are controlled by Windows. However, the **Device Settings** tab is for specifying printer configuration-related settings and is part of the printer driver. The **Device Settings** tab allows you to specify settings related to the printer unit, as well as administrator settings.

	<u> </u>	r sources (paper size priority)
	The roll paper that gives the printed paper size is autom	he smallest margin area on paper for the natically selected.
4	Even more paper can be a in the printer driver.	aved by turning on Rotate Page 90 deg
	Roll Paper Width 1:	24 in Roll (509.6mm)
	Roll Paper Width 2:	24 in Roll (509.5mm)
		Get Information.
	Update Media In	formation Accounting
	Preferences Devic	e Information About

# Automatically switch paper sources (paper size priority)

Prints after automatically switching between roll paper 1 and roll paper 2 depending on the size of the paper to be printed.

This will save paper as the roll paper that will give the smallest margin when printing is automatically selected.

# >>>> Important

- Make sure that the same type of paper is used in the upper level and lower level of the printer. Printing is not possible when different types of paper are used.
- Be sure to click **Get Information...** from the **Device Settings** tab to get information on the roll paper width. You may not be able to print correctly if the roll paper width is not correctly set.
- Be sure to select **Roll Paper (Auto)** as **Paper Source** from **Page Setup**. This function cannot be used unless **Roll Paper (Auto)** is selected.

#### **Roll Paper Width 1**

Sets the width of the roll paper loaded in the upper level (Roll 1).

#### **Roll Paper Width 2**

Sets the width of the roll paper loaded in the lower level (Roll 2).

#### Get Information...

Acquire information on the roll paper width from the printer, and automatically switch the settings of **Roll Paper Width 1** and **Roll Paper Width 2**.

# **Update Media Information**

Opens the Update Media Information dialog box.

Gets the latest media information from the printer and updates the media information in the printer driver.

# Accounting

# Opens the <u>Accounting dialog box</u>.

By setting **Accounting** information, you add IDs to print jobs, and use the printer and cost management tool to tabulate print history information for any ID.

# Note

- Accounting can be set only by users with Administrator rights.
- Users without Administrator rights may not be able to set Accounting information.
- To set accounting information, see "<u>Setting Accounting Information</u>."
- If you set accounting information in the **Device Settings** sheet, the items in the **Accounting** dialog in the **Main** sheet will be greyed out, and you won't be able to configure them.

# Preferences...

Configure administrator settings for the printer driver.

# **Device Information**

Opens the **Device Information** dialog box.

You can obtain the device information of the connected printer, and change the configuration to match the printer that is connected to the driver function.

# About

Opens the **About** dialog box.

You can check information such as the version and copyright of the printer driver.

# Accounting dialog box

Click Accounting to display the Accounting dialog box.

The **Accounting** dialog box allows you to add IDs to print jobs. You can then use the IDs, along with the printer and cost management tool, to tabulate print history information.

If you want to require accounting information, check the check box to make each item required. To prevent changes to accounting information, check the checkbox to set each item as fixed.

# Preferences dialog box

# Use System Language

Set this to **On** to change the display language of the printer driver according to the OS language settings.

# Device Information dialog box

The **Device Information** dialog box allows you to obtain the device information of the connected printer, and change the configuration to match the printer that is connected to the driver function.

# **Settings Summary**

This is a list of items that you can set in the **Device Information** dialog box. When you click an item that you want to set, the setting contents are displayed outside the box.

# **Device Type**

The maximum supported roll paper width will be set to the initial value.

# **Roll Unit**

If the lower roll unit is equipped, it is set to **Yes**.

# >>>> Note

• If a roll unit set as a wrapping device is equipped, it is set to No.

# Hard disk

If a hard disc is equipped, it will be set to **Yes**.

# **Acquire Status**

Obtain device type, roll unit, and hard disk information from the printer.

# **Canon IJ Status Monitor Description**

The Canon IJ Status Monitor displays the status of the printer and the printing progress. The monitor uses graphics, icons, and messages to let you know the printer status.

😼 Canon	and a second second	_		×
Option Remote UI	Help			
Ē	Printing.			< _ >
Document Name:	Test Print - Notepad			
Owner:	100			
Printing Page:	1/1			
Remaining Printing Tim	e of Current Page: Printing will finish soon.			
	Display Send Queue		Cancel Prin	ting
Estimated ink levels				
Estimated Maintenance Cartridge Usage				
Paper Feed				

# **Canon IJ Status Monitor Features**

The Canon IJ Status Monitor offers the following advantages:

# You can check the status of the printer on the screen.

The status of the printer is shown on the screen in real time.

You can check the printing progress of each printing document (print job).

# Error types and solutions are shown on the screen.

Shown when a printer error occurs.

You can immediately check how to respond.

# You can check the ink status.

This function displays graphics showing the ink tank type and the estimated ink levels. Icons and messages are displayed when ink is running low (ink level warning).

# **Canon IJ Status Monitor Overview**

Canon IJ Status Monitor allows you to check the status of the printer and ink with graphics and messages. You can check the information on the printing document and the printing progress during printing. When a printer error occurs, it shows the cause and solution. Follow the instruction in the message.

# Printer

Canon IJ Status Monitor shows an icon when a warning or error occurs to the printer.



**!** : A warning is being displayed.



😢 : An operation error has occurred.



i You are being informed of remaining ink levels, etc.

: There has been an error which requires a service.

# **Document Name**

Shows the name of the document to be printed.

#### Owner

Shows the owner's name of the document to be printed.

#### **Printing Page**

Shows the number of printing page and total printing pages.

#### **Remaining Printing Time of Current Page**

Displays the remaining print time of the pages being printed.

#### **Display Send Queue**

Shows the print window used to manage the print job that is being printed or being in the print queue.

#### **Cancel Printing**

Cancels the current print job.

#### Estimated ink levels

Displays icons to report a remaining ink level warning and an ink depletion error.

Click (the disclosure triangle) to display a pictorial representation of the estimated ink level in the ink tank.

#### Ink Model Number

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

#### Estimated Maintenance Cartridge Usage

Displays icons to report that the available space in the maintenance cartridge is low or the cartridge is full.

Click (the disclosure triangle) to display a pictorial representation of the estimated usage amount in the maintenance cartridge.

# Paper Feed

Displays the size and type of paper loaded in each feeder.

Click (b) (the disclosure triangle) to check the remaining amount of paper.

Purchase information is displayed in Purchase Paper....

#### **Option Menu**

If you select **Enable Status Monitor**, when a printer related message is generated the Canon IJ Status Monitor starts.

When Enable Status Monitor is selected, following commands are available.

#### **Always Display Current Job**

Displays the Canon IJ Status Monitor during printing.

# **Always Display on Top**

Displays the Canon IJ Status Monitor in front of other windows.

# **Display Warning Automatically**

#### When a Low Ink Warning Occurs

Starts the Canon IJ Status Monitor window automatically and displays it in front of the other windows when a low ink warning occurs.

#### When a Maintenance Cartridge Warning Occurs

When a maintenance cartridge remaining space warning occurs, the Canon IJ status monitor starts automatically and appears in front of all other windows.

#### **Other Warnings**

When any other warning occurs, the Canon IJ Status Monitor will open automatically and be displayed in front of other windows.

#### Start when Windows is Started

Starts the Canon IJ Status Monitor automatically when you start Windows.

#### Remote UI menu

You are able to open the printer's Remote User Interface.

You are able to check the printer status and run maintenance functions on the printer when connected to and using it through a network.

# >>>> Note

• When the printer is being used via USB connection Remote UI will not display.

#### **Printer Information**

Allows you check detailed information, such as the printer status, the print progress, and remaining ink levels.

# Maintenance

Allows you to run printer maintenance and change printer settings.

#### Job Log

Displays the Job history window.

#### Job List

Displays the Print job window.

#### **HDD** Information

Displays the Saved job window.

This window allows you to check each box of the information saved on the printer's hard disk.

#### Ink Supplier Display Settings

Displays the Ink supplier information window.

#### **Paper Supplier Display Settings**

Displays the Paper supplier information window.

#### **Download Security Certificate**

Displays the For secure communication window.

This window allows you to download the root certificate, register it to the browser, and disable warning displays.

#### Help Menu

When you select this menu item, the Help window for Canon IJ Status Monitor is displayed, and you can check the version and copyright information.

# Updating the Printer Driver

- > Obtaining the Latest Printer Driver
- > Deleting the Unnecessary Printer Driver
- > Before Installing the Printer Driver
- Installing the Printer Driver

# **Obtaining the Latest Printer Driver**

By updating the printer driver to the latest version of the printer driver, unresolved problems may be solved.

You can check the version of the printer driver by clicking the About button on the Utility tab.

You can access our website and download the latest printer driver for your model.

# >>>> Important

• You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

# **Related Topics**

- Before Installing the Printer Driver
- ➡ Installing the Printer Driver

# **Deleting the Unnecessary Printer Driver**

The printer driver which you no longer use can be deleted. When deleting the printer driver, first exit all programs that are running.

The procedure to delete the unnecessary printer driver is as follows:

1. Start the uninstaller

Select the **Control Panel -> Programs -> Uninstall a program (Programs and Features)**. From the program list, select "XXX Driver" (where "XXX" is your model name) and then click **Uninstall**.

The confirmation window for uninstalling the model appears.

- Important
  - A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task. When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue. Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.
- **2.** Execute the uninstaller

Click **Start**. When the confirmation message appears, click **Yes**. When all the files have been deleted, click **Complete**.

The deletion of the printer driver is complete.

# **Before Installing the Printer Driver**

This section describes the items that you should check before installing the printer driver. You should also refer to this section if the printer driver cannot be installed.

# **Checking the Printer Status**

• Turn on the printer.

# **Checking the Personal Computer Settings**

- Terminate all running applications.
- Log on as a user who has the administrator account.

# **Related Topics**

- Obtaining the Latest Printer Driver
- ➡ Installing the Printer Driver

# Installing the Printer Driver

You can access our web site through the Internet and download the latest printer driver for your model.

The procedure for installing the downloaded printer driver is as follows:

- 1. Turn on the printer
- 2. Start the installer

Double-click the icon of the downloaded file. The installation program starts.

# Important

- A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task. When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue. Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.
- 3. Install the printer driver

Take the appropriate action as described on the screen.

4. Complete the installation

Click Exit.

Depending on the environment you are using, a message prompting you to restart the computer may be displayed. To complete the installation properly, restart the computer.

# Important

• You can download the printer driver for free, but any Internet access charges incurred are your responsibility.

# **Related Topics**

- Obtaining the Latest Printer Driver
- Deleting the Unnecessary Printer Driver
- Before Installing the Printer Driver

# Handling Paper

# Handling rolls

- Loading Rolls on the Roll Holder
- Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Removing the Roll from the Printer
- Removing Roll Paper from the Roll Unit
- Removing Rolls From the Roll Holder
- Feeding Roll Paper Manually
- Cutting Roll Paper
- Cutting Roll Paper after Printing
- Automatically Switch Rolls
- Remove Jammed Roll Paper

# Handling sheets

- Loading Sheets in the Printer
- Removing Sheets
- Printing From a Desired Starting Point
- Remove a Jammed Sheet

# Paper Settings

- Changing the Type of Paper
- Specifying the Paper Length
- Keeping Track of the Amount of Roll Paper Left
- Specifying the Cutting Method for Rolls
- Cutting the Leading Edge of Roll Paper Automatically
- Reducing Dust from Cutting Rolls
- Specifying the Ink Drying Time
- Specifying the Amount of Extension for Borderless Printing

## Information about Paper

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

## Handling rolls

- Loading Rolls on the Roll Holder
- Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Removing the Roll from the Printer
- > Removing Roll Paper from the Roll Unit
- Removing Rolls From the Roll Holder
- Feeding Roll Paper Manually
- Cutting Roll Paper
- Cutting Roll Paper after Printing
- Automatically Switch Rolls
- Remove Jammed Roll Paper

## Loading Rolls on the Roll Holder

When printing on roll paper, attach the roll paper to the Roll Holder.

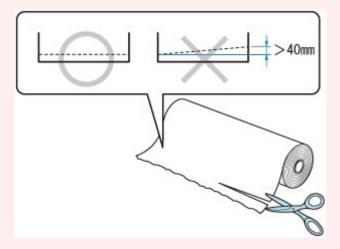
Roll paper comes in two types: 2-inch and 3-inch cores. If using 3-inch core roll paper, attach the 3-Inch Paper Core Attachment to the Roll Holder and holder stopper.

## \rm Caution

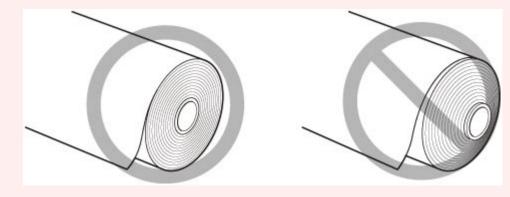
• Set the roll on its side on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.

## >>>> Important

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



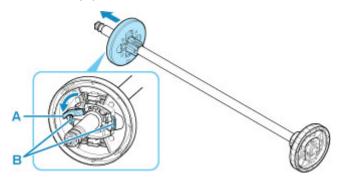
• Align the edges of the paper on both ends of the roll. This may cause feeding problems.



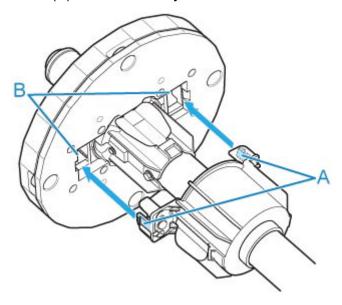
## >>>> Note

• For details on roll paper sizes and types that can be used, see "<u>Paper Sizes</u>" or "Paper Information List".

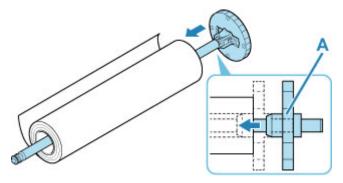
**1.** Rotate the holder stopper lever (A) towards **f** to release the lock, and while holding the end plate (B), remove holder stopper from the roll holder.



**2.** If using 3-inch core paper, align 3-Inch Paper Core Attachment tabs (A) with Roll Holder holes (B) and insert firmly.



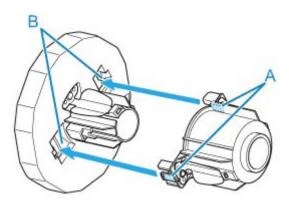
**3.** With leading edge of roll paper facing forward as shown, insert Roll Holder from right side of roll. Insert firmly until roll paper touches flange (A) of Roll Holder.



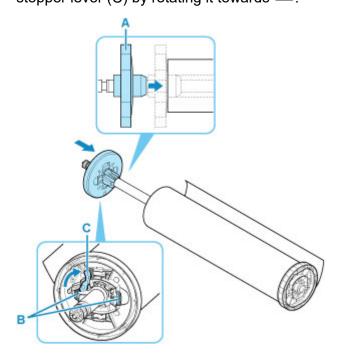
## >>>> Important

• When loading a roll, be careful to avoid hitting the printer hard with the roll. This may damage the Roll Holder.

- If you stand the roll holder vertically and set the roll paper by dropping, the roll holder may be damaged.
- **4.** If using 3-inch core paper, align 3-Inch Paper Core Attachment tabs (A) with holder stopper holes (B) and insert firmly.



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



## Loading Rolls in the Printer

Follow these steps to load rolls in the printer.

When selecting Enable in Roll paper auto feed, the roll paper is fed automatically by simply loading it.

### >>>> Important

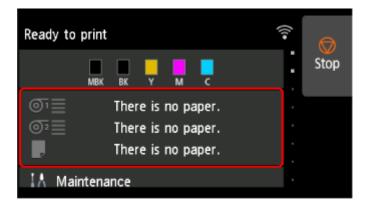
- Always load rolls when the printer is on. If the printer is off when you load a roll, the paper may not be advanced correctly when you turn the printer on.
- Before loading a roll, confirm whether the inside of the top cover or the output guide is soiled. If these areas are dirty, we recommend cleaning them in advance.
  - <u>Cleaning Inside the Top Cover</u>
- If Paper retention settings is set to Release, the roll paper is not fed automatically.
- For details on the paper that can feed roll paper automatically, see "Paper Information List."

#### >>>> Note

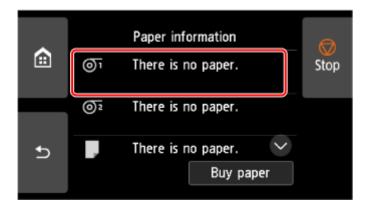
• When using the roll unit, you can also load roll paper on the roll unit separately from the printer that is described here.

Loading Roll Paper in the Roll Unit

- When roll paper cannot be fed automatically, see "Roll Paper Is not Switched Automatically."
- 1. Select the paper setting display area on Home screen.



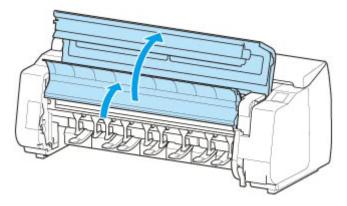
2. Select the Roll paper 1 area.



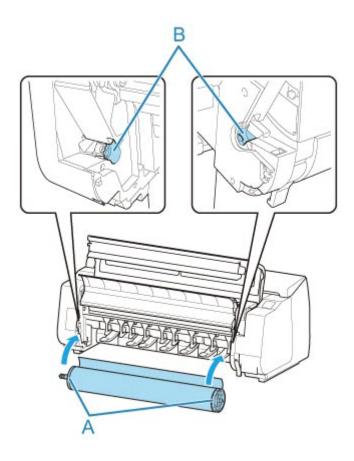
3. Select Load paper or Replace paper.

## >>>> Note

- If any paper has been advanced that will not be used, a message is shown requesting you to remove it. After following the instructions on the screen to remove the paper, go to the next step.
- 4. Open top cover and lift output guide.



**5.** Hold flanges (A) so that holder stopper is on left, align roll holder shaft with roll holder slot left and right guide grooves (B), and load.



## 1 Caution

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

## >>>> Important

• If the leading edge of the roll paper is secured with tape or a paper band so that it will not unravel, remove the tape or paper band before loading the roll paper into the roll holder slot.

If you load the paper into the roll holder slot with the leading edge secured, only part of the roll paper is fed to the paper feed slot, resulting in damage to the roll paper.

- If the leading edge of the roll paper is cut crooked or folded, it may not be fed correctly. Cut the leading edge of the roll paper with scissors or the like and straighten it.
- Load the roll paper so that it is not loaded in the opposite direction.
- Make sure there is no slack in the roll paper, and then load it.
- Depending on the surrounding environment, the leading edge of roll paper is stuck because of static electricity or humidity so that the roll paper may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.
- If the roll paper is decentered, it may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.

• When **Roll paper auto feed** is **Enable** and if you attach the roll holder without the roll paper loaded on the roll holder, **Preparing to feed the paper...** appears on the operation panel. In this case, press the **Stop** button on the operation panel to cancel feeding.

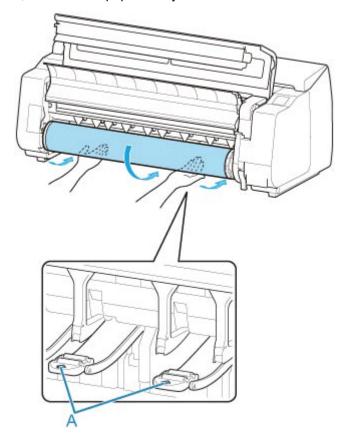
### >>>> Note

- For the procedure for attaching the roll paper to the Roll Holder, see "Loading Rolls on the Roll Holder."
- When selecting Enable in Roll paper auto feed.

Go to step 6.

#### • When selecting Disable in Roll paper auto feed.

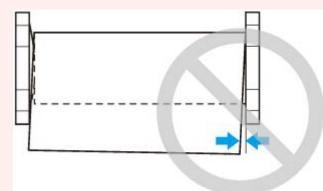
Pull out roll paper evenly, insert leading edge between roll paper and arrows (A) directly beneath it, and feed roll paper until you hear a sound.



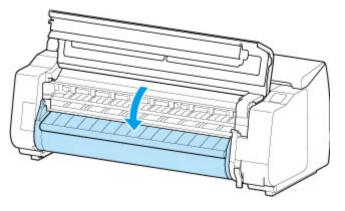
#### >>>> Important

- If the roll paper has become unwound, remove the slack before loading the roll paper.
- When feeding the leading edge of the roll paper, make sure the entire width of the roll paper is separating and feeding from the roll. If the roll paper is fed with some of the roll paper still stuck to the roll, the roll paper will be damaged.
- Be careful not to soil the printing surface of roll paper as you insert it in the slot. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.

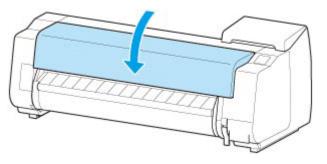
- If the paper is wrinkled or warped, straighten it out before loading it.
- Load the roll so that there is no gap between the right edge of the paper and the Roll Holder.



- Depending on the paper, the roll paper may be scratched when being fed and not feed well. In this case, you must feed the paper manually after setting **Paper retention settings** to **Release** on the touch screen. Lift the release lever, advance the roll paper until its leading edge appears on platen, lower the release lever, and then proceed to the next step. However, if **Paper retention settings** is set to **Release**, automatic switching of the upper and lower rolls is not possible.
- 3. Lower output guide.



4. Close top cover.



• When selecting Enable in Roll paper auto feed.

The roll paper is fed.

• When selecting Disable in Roll paper auto feed. Select Start feeding, and then the roll paper is fed.

- **5.** After paper feeding has started, do the following operations based on the **Manage remaining roll amount** setting and the barcode printed on the roll paper
  - Keeping Track of the Amount of Roll Paper Left
    - When selecting Disable or Auto estimate in Manage remaining roll amount.
      - When selecting Manual or Auto with confirmation in Media type selection method.

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

• When selecting Auto detect in Media type selection method.

You'll see candidate for the media type you've estimated to the touch screen. After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.

• When selecting Use current media type in Media type selection method.

A menu for selecting the media type appears on the touch screen. After 5 seconds, the media type will be selected with the fixed media kind.

#### • When selecting Barcodes in Manage remaining roll amount and if the barcode is printed.

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

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

• When selecting Manual in Media type selection method.

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

#### • When selecting Auto with confirmation in Media type selection method.

A menu for selecting the estimated media type candidates and the paper length. Interact with the touch screen, select the media type you want to use, and enter the length.

#### • When selecting Auto detect in Media type selection method.

A menu for selecting the estimated media type candidates and the paper length.After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.

#### • When selecting Use current media type in Media type selection method.

A menu for selecting the media type and the paper length appears on the touch screen. After 5 seconds, the media type will be selected with the fixed paper kind.

#### >>>> Important

- If the leading edge of the roll paper is folded or dirty, cut the leading edge of the roll paper.
  - Cutting Roll Paper



- If you have selected **Auto with confirmation** or **Auto detect** in the **Media type selection method** and you are using the barcode to manage the remaining roll paper, the barcode is read first. If it fails to read the barcode, it will detect the media type from the estimated result and display the candidate.
- · For details on media types that you can select, see "Paper Information List."
- The width of the roll paper is automatically detected by the printer when the paper is loaded.

When using roll paper with a user-defined size width, the detected width length and the set width length must exactly match, so even if the correct roll paper is loaded, detection may fail.

In this case, you can improve it by setting the roll paper width you want to use in **Add priority roll paper width**.

Add priority roll paper width

## Loading Roll Paper in the Roll Unit

Follow these steps to load roll paper in the roll unit.

When selecting Enable in Roll paper auto feed, the roll paper is fed automatically by simply loading it.

## >>>> Important

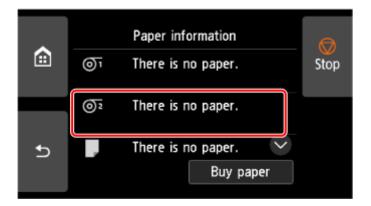
- Always load rolls when the printer is on. If the printer is off when you load a roll, the paper may not be advanced correctly when you turn the printer on.
- Before loading a roll, confirm whether the inside of the top cover or the output guide is soiled. If these areas are dirty, we recommend cleaning them in advance.
  - <u>Cleaning Inside the Top Cover</u>
- If using the roll unit as the feed device, depending on the basket position, the ejected roll paper's cut end enters the roll unit and may cause a paper jam or affect the print quality when set to "Borderless Printing" or "Trim Edge First" when loading the paper. In this case, change the basket position, and then print.
  - Example Basket Configurations
- If Paper retention settings is set to Release, the roll paper is not fed automatically.
- For details on the paper that can feed roll paper automatically, see "Paper Information List."

## >>>> Note

- When roll paper cannot be fed automatically, see "Roll Paper Is not Switched Automatically."
- 1. Select the paper setting display area on Home screen.



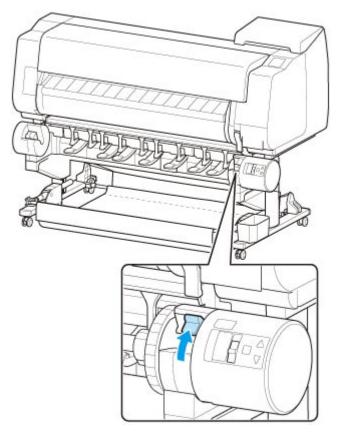
2. Select the Roll paper 2 area.



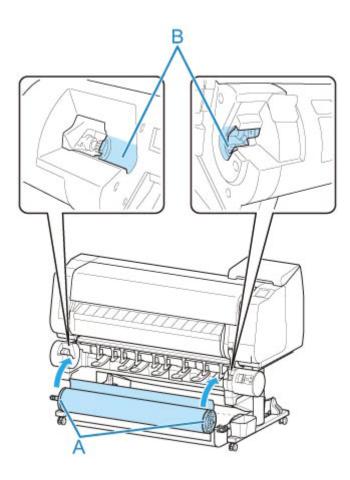
3. Select Load paper or Replace paper.

## >>>> Note

- If any paper has been advanced that will not be used, a message is shown requesting you to remove it. After following the instructions on the screen to remove the paper, go to the next step.
- 4. Change Roll Holder Lock switch on roll unit to release position.



**5.** Hold flanges (A) so that holder stopper is on left, align roll holder shaft with roll holder slot left and right guide grooves (B), and load.



## 1 Caution

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

### Important

• If the leading edge of the roll paper is secured with tape or a paper band so that it will not unravel, remove the tape or paper band before loading the roll paper into the roll holder slot.

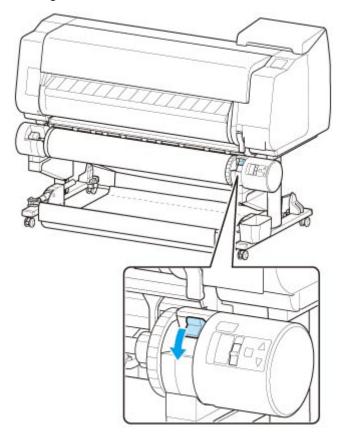
If you load the paper into the roll holder slot with the leading edge secured, only part of the roll paper is fed to the paper feed slot, resulting in damage to the roll paper.

- If the leading edge of the roll paper is cut crooked or folded, it may not be fed correctly. Cut the leading edge of the roll paper with scissors or the like and straighten it.
- Load the roll paper so that it is not loaded in the opposite direction.
- · Make sure there is no slack in the roll paper, and then load it.
- Depending on the surrounding environment, the leading edge of roll paper is stuck because of static electricity or humidity so that the roll paper may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.
- If the roll paper is decentered, it may not be able to be fed correctly. In this case, set **Roll paper auto feed** to **Disable**, and then feed the roll paper.

• When **Roll paper auto feed** is **Enable** and if you attach the roll holder without the roll paper loaded on the roll holder, **Preparing to feed the paper...** appears on the operation panel. In this case, press the **Stop** button on the operation panel to cancel feeding.

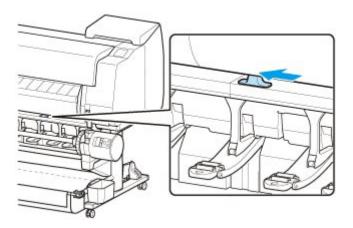
### Note Note

- For the procedure for attaching the roll paper to the Roll Holder, see "Loading Rolls on the Roll Holder."
- 6. Change Roll Holder Lock switch on roll unit to locked position.



### >>>> Important

- If you do not change **Roll Holder Lock** switch to locked position, the roll paper cannot be fed automatically.
- 7. Change feed flap switch on top of roll unit to feed icon position on the left.



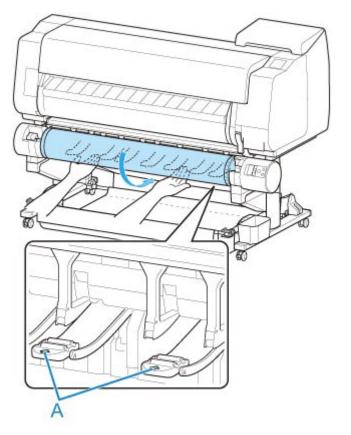
• When selecting Enable in Roll paper auto feed.

The roll paper is fed.

• When selecting Disable in Roll paper auto feed.

Pull out roll paper evenly, insert leading edge between roll paper and arrows (A) directly beneath it, and feed roll paper until you hear a sound.

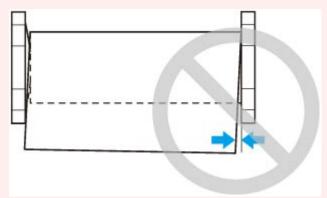
Select Start feeding, and then the roll paper is fed.



### >>>> Important

- If the roll paper has become unwound, remove the slack before loading the roll paper.
- When feeding the leading edge of the roll paper, make sure the entire width of the roll paper is separating and feeding from the roll. If the roll paper is fed with some of the roll paper still stuck to the roll, the roll paper will be damaged.

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



- Depending on the paper, the roll paper may be scratched when being fed and not feed well. In this case, you must feed the paper manually after setting **Paper retention settings** to **Release** on the touch screen. Lift the release lever, advance the roll paper until its leading edge appears on platen, lower the release lever, and then proceed to the next step. However, if **Paper retention settings** is set to **Release**, automatic switching of the upper and lower rolls is not possible.
- **8.** After paper feeding has started, do the following operations based on the **Manage remaining roll amount** setting and the barcode printed on the roll paper

Keeping Track of the Amount of Roll Paper Left

- When selecting Disable or Auto estimate in Manage remaining roll amount.
  - When selecting Manual or Auto with confirmation in Media type selection method.

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

• When selecting Auto detect in Media type selection method.

You'll see candidate for the media type you've estimated to the touch screen. After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.

• When selecting Use current media type in Media type selection method.

A menu for selecting the media type appears on the touch screen. After 5 seconds, the media type will be selected with the fixed media kind.

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

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

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

#### • When selecting Manual in Media type selection method.

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

#### • When selecting Auto with confirmation in Media type selection method.

A menu for selecting the estimated media type candidates and the paper length. Interact with the touch screen, select the media type you want to use, and enter the length.

#### • When selecting Auto detect in Media type selection method.

A menu for selecting the estimated media type candidates and the paper length.After 5 seconds, the paper type of the first item is selected. If you choose a different candidate, you can use the touch screen to select the type of paper you want.

#### • When selecting Use current media type in Media type selection method.

A menu for selecting the media type and the paper length appears on the touch screen. After 5 seconds, the media type will be selected with the fixed paper kind.

#### Important

• If the leading edge of the roll paper is folded or stained, cut the leading edge of the roll paper.

Cutting Roll Paper

### >>>> Note

- If you have selected **Auto with confirmation** or **Auto detect** in the **Media type selection method** and you are using the barcode to manage the remaining roll paper, the barcode is read first. If it fails to read the barcode, it will detect the media type from the estimated result and display the candidate.
- For details on media types that you can select, see "Paper Information List."
- The width of the roll paper is automatically detected by the printer when the paper is loaded.

When using roll paper with a user-defined size width, the detected width length and the set width length must exactly match, so even if the correct roll paper is loaded, detection may fail.

In this case, you can improve it by setting the roll paper width you want to use in **Add priority roll paper width**.

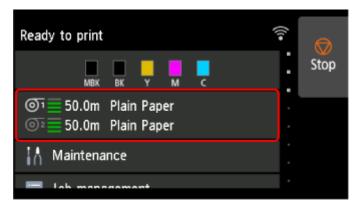
Add priority roll paper width

## Removing the Roll from the Printer

Remove rolls from the printer as follows.

#### Note

- If you need to cut a printed roll, cut the roll paper at the desired position.
  - Cutting Roll Paper
- 1. Select the paper setting display area on Home screen.



2. Select the Roll paper 1 area.



- 3. Select Remove paper.
- 4. Select Yes.

The roll is rewound.



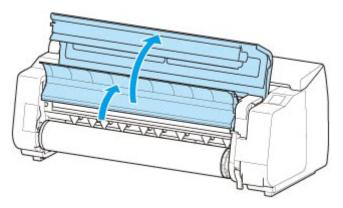
• If **Manage remaining roll amount** is set to **Barcodes** in the operation panel menu, a barcode is printed on the leading edge of the roll paper.

Do not remove the roll before the barcode is printed. You will be unable to keep track of the amount of roll paper left.

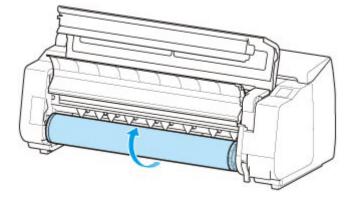
Keeping Track of the Amount of Roll Paper Left



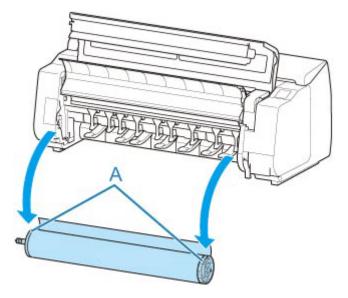
5. Open top cover and lift output guide.



6. Using both hands, rotate the Roll Holder in the direction of the arrow to rewind the roll.

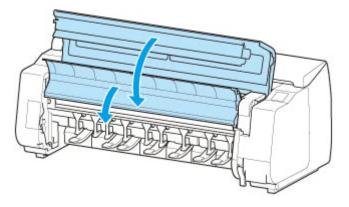


7. Hold Roll Holder by its flanges (A) and remove from roll holder slot.



## >>>> Note

- For instructions on removing the Roll Holder from rolls, see "<u>Removing Rolls From the Roll</u> <u>Holder</u>."
- 8. Lower output guide and close top cover.

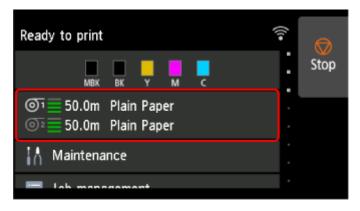


## **Removing Roll Paper from the Roll Unit**

Follow these steps to remove roll paper from the roll unit.

#### Note

- If you need to cut a printed roll, cut the roll paper at the desired position.
  - Cutting Roll Paper
- 1. Select the paper setting display area on Home screen.



2. Select the Roll paper 2 area.



- 3. Select Remove paper.
- 4. Select Yes.

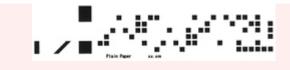
The roll is rewound.



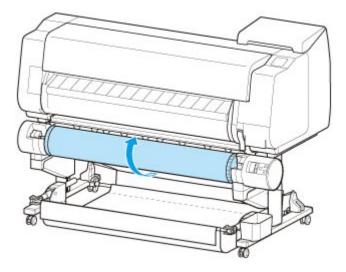
• If **Manage remaining roll amount** is set to **Barcodes** in the operation panel menu, a barcode is printed on the leading edge of the roll paper.

Do not remove the roll before the barcode is printed. You will be unable to keep track of the amount of roll paper left.

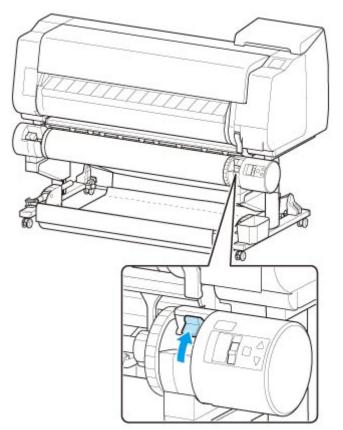
Keeping Track of the Amount of Roll Paper Left



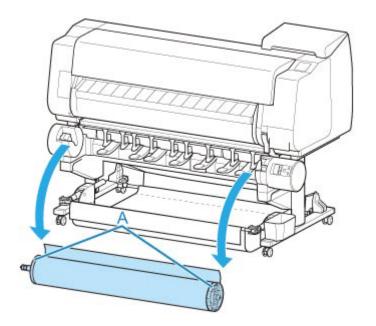
5. Using both hands, rotate roll holder in direction of arrow to rewind roll paper.



6. Change Roll Holder Lock switch on roll unit to release position.



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

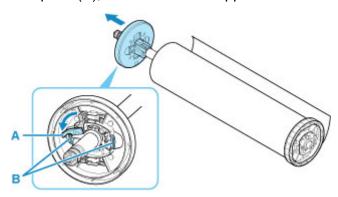


## >>>> Note

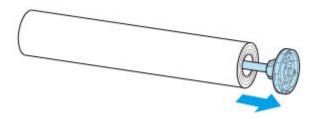
 For instruction on removing the roll paper from the roll holder, see "<u>Removing Rolls From the Roll</u> <u>Holder</u>."

## **Removing Rolls From the Roll Holder**

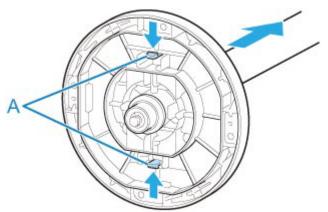
**1.** Rotate the holder stopper lever (A) towards **f** to release the lock, and while holding the end plate (B), remove holder stopper from the roll holder.



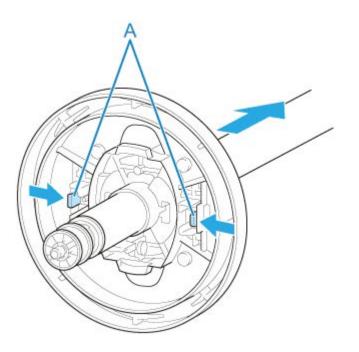
2. Remove roll holder from roll paper.



- 3. To remove 3-Inch Paper Core Attachment, press tabs (A) inward and remove attachment.
  - roll holder Side



• holder stopper Side



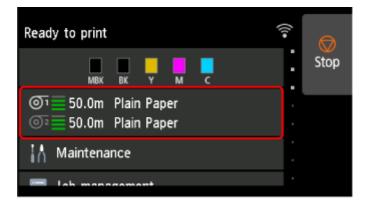
## >>>> Important

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

## Feeding Roll Paper Manually

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

**1.** Select the paper setting display area on Home screen.



2. Select paper source.



- 3. Select Feed/cut.
- 4. Tap or touch Advance and Rewind to move roll paper forward or back.

#### Note

• Tapping Advance or Rewind moves the roll paper approximately 0.04 inch (1 mm).

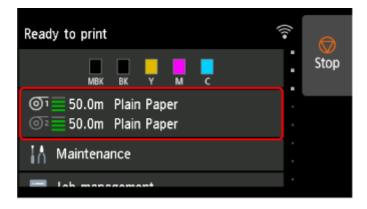
Touching **Advance** or **Rewind** moves the roll paper until you release the key. If **"Cannot advance the paper any further."** appears on the touch screen, release the key.

5. Select OK when you have determined position of roll paper.

## **Cutting Roll Paper**

After feeding the roll paper, you can cut the roll paper.

1. Select the paper setting display area on Home screen.



2. Select paper source.



- 3. Select Feed/cut.
- 4. Tap or touch Advance and Rewind to move roll paper forward or back.

#### Note

• Tapping Advance or Rewind moves the roll paper approximately 0.04 inch (1 mm).

Touching **Advance** or **Rewind** moves the roll paper until you release the key. If **"Cannot advance the paper any further."** appears on the touch screen, release the key.

- 5. Select Cut paper when you have determined position of roll paper.
- 6. Check the contents of the message and select Yes.

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

## **Cutting Roll Paper after Printing**

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

Specifying the Cutting Method for Rolls

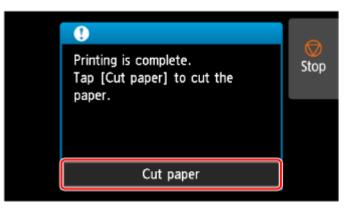
# Eject cut (when the paper surface is being scratched / to wait for ink to dry)

## Important

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

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

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



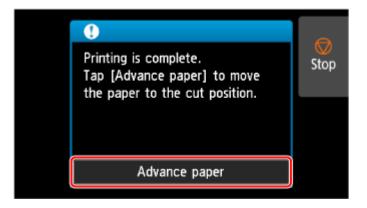
## User cut (when using media that cannot be cut with the cutter blade)

**1.** Print the job.

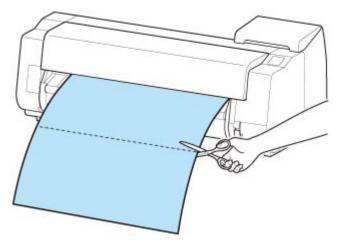
The printer stops advancing the paper after printing.

#### 2. Select Advance paper.

Roll paper is fed to the specified cut position and then automatically stopped.



3. Cut the roll paper manually with scissors or the like.

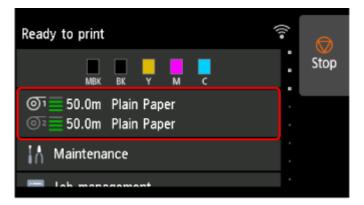


4. Select OK.

After the roll is rewound, it stops automatically.

## User cut (for paper of which the leading edge rubs the print head)

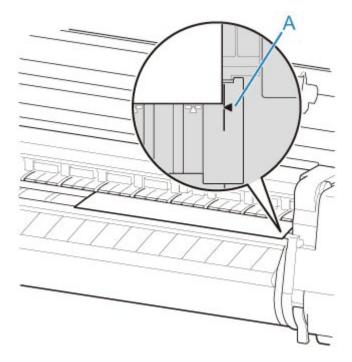
1. Select the paper setting display area on Home screen.



2. Select paper source.



- 3. Select Feed/cut.
- 4. Tap or touch Advance or Rewind and align paper's leading edge with position (A).

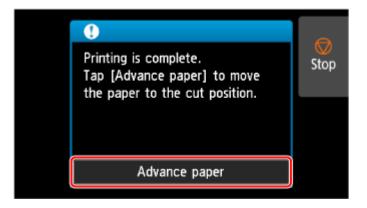


5. Print the job.

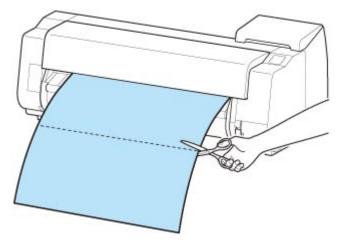
The printer stops advancing the paper after printing.

## 6. Select Advance paper.

Roll paper is fed to the specified cut position and then automatically stopped.



7. Cut the roll paper manually with scissors or the like.



8. Select OK.

After the roll is rewound, it stops automatically.

## **Automatically Switch Rolls**

By using the roll unit as a roll paper feed device, you can load an upper roll (Roll 1 on printer) and a lower roll (Roll 2 on the roll unit), and print on while automatically changing between Roll 1 and Roll 2 depending on the print job.

For details on how to switch between Roll 1 and Roll 2, see "<u>How to Switch Paper Rolls</u>" (Windows) or "How to Switch Paper Rolls" (macOS).

### >>>> Important

• If Paper retention settings is set to Release, automatic switching of roll paper cannot be used.

## Handling sheets

- Loading Sheets in the Printer
- Removing Sheets
- > Printing From a Desired Starting Point
- **Remove a Jammed Sheet**

## Loading Sheets in the Printer

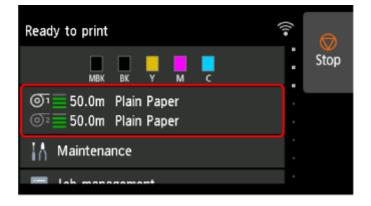
Follow these steps to load sheets in the printer.

#### Important

- Paper that is wrinkled or warped may jam. If necessary, straighten the paper and reload it.
- Load the paper straight. Loading paper askew will cause an error.
  - ➡ <u>1317</u>
- If you are not using the stand, make sure there is no object under the printer. If there is any object under the printer, it may cause damage of the paper or jamming.

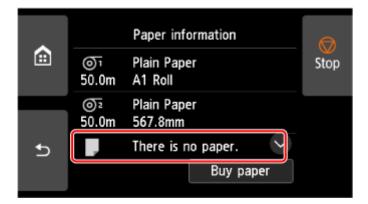
### >>>> Note

- Before loading cut sheets, check whether or not the inside of the top cover or the output guide is soiled. If these areas are dirty, we recommend cleaning them in advance.
  - <u>Cleaning Inside the Top Cover</u>
- Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.
- 1. Select the paper setting display area on Home screen.



#### >>>> Note

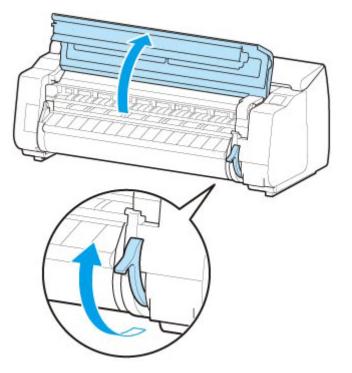
- If a print job has been received in advance, follow the instructions on the screen and select **Load paper**.
- 2. Select the Manual area.



3. Select Load paper.

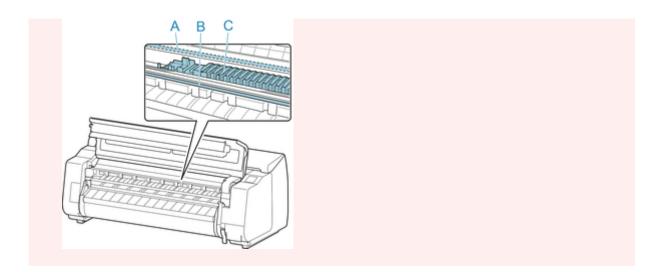
#### >>>> Note

- If any paper has been advanced that will not be used, a message is shown requesting you to remove it.Follow the instructions on the screen to remove the paper, and redo the operation.
- 4. Open top cover and lift release lever.



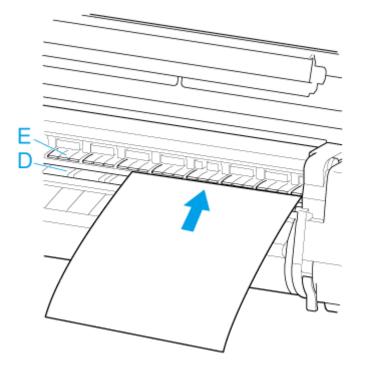


• Do not touch Linear Scale (A), carriage shaft (B), or Ink Tube Stabilizer (C). Touching these parts may damage them.

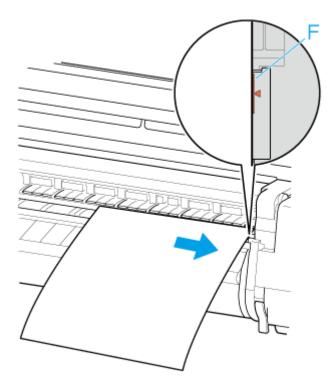


**5.** Insert the cut paper in portrait orientation, with the print side up, between the platen (D) and the paper retainer (E).

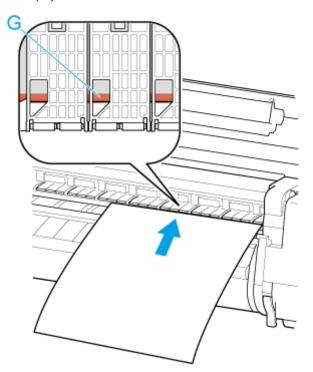
When the cut paper is inserted, it is automatically adsorbed onto platen surface.



**6.** Align the paper with the paper alignment line (F) on the right side.



**7.** Align the back edge of the inserted paper with the front edge of the back paper alignment line (G).

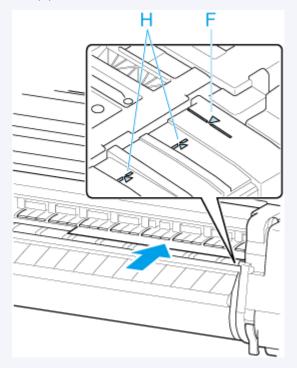


### >>>> Important

- Load the sheet so that it is parallel to the right paper alignment line (F). Loading paper askew will cause an error.
- Warped paper may rub against the print head. Straighten paper if it is warped before loading.



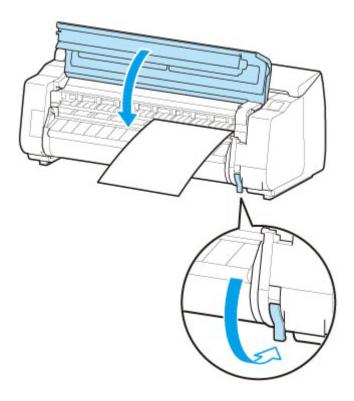
• You can also align the cut sheet based on its near edge. In this case, load the cut sheet aligning its near edge with marks (H) on the platen and the right edge with the right-side paper alignment line (F).



• You can adjust the vacuum strength holding the paper against the platen when the release lever is up. If it is difficult to load the paper, tap **Suction** on the touch screen and adjust the vacuum strength. You can adjust the vacuum strength to 5 levels.

However, even if you increase the suction, it may not be sufficient to hold some types of paper against the platen well. In this case, use your hand to load the paper.

- Sheets are held in place by suction through holes on the platen. Although the suction may produce a noise when paper is loaded in some positions, it does not indicate a problem. If the noise is distracting, try moving the paper over slightly to the left or right (up to 0.04 inch (1 mm)) while keeping it parallel to the paper alignment line.
- The suction remains on for about 30 seconds during loading. If you cannot finish loading a sheet during this time, pull the sheet away and reinsert it to start the suction again.
- 8. Lower release lever and close top cover.





- If a print job has been received in advance, follow the touch screen to start printing after loading the paper.
- 9. Select the type of loaded paper and select OK.

Paper feeding will start.

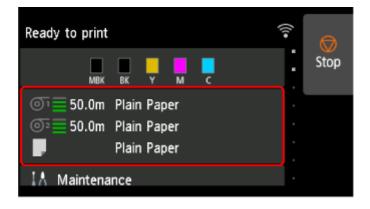


• For details on media types that you can select, see "Paper Information List."

# **Removing Sheets**

Remove sheets from the printer as follows.

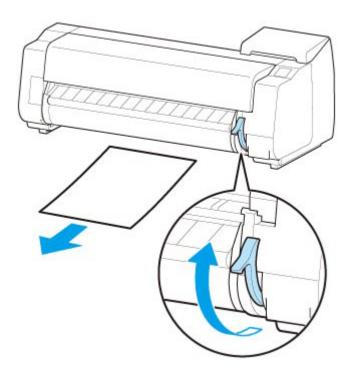
**1.** Select the paper setting display area on Home screen.



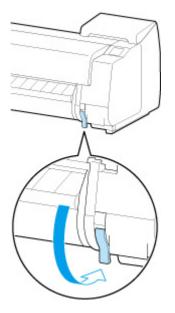
2. Select the Manual area.

٦		Paper information	
	⊚ī 50.0m	Plain Paper A1 Roll	Stop
Ð	©₂ 50.0m	Plain Paper 567.8mm	
		Plain Paper	
		Buy paper	

- 3. Select Remove paper.
- 4. Check the contents of the message and select Yes.
- **5.** When instructions for removing sheet appear on touch screen, lift release lever while holding sheet, and remove sheet.



6. Lower release lever.



# **Printing From a Desired Starting Point**

Print on sheets from a desired starting point as follows.

### Setting Detect paper width to Disable

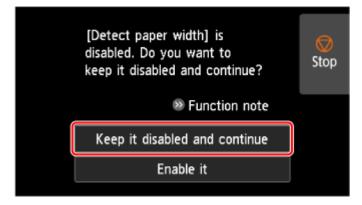


Printer settings on HOME screen.

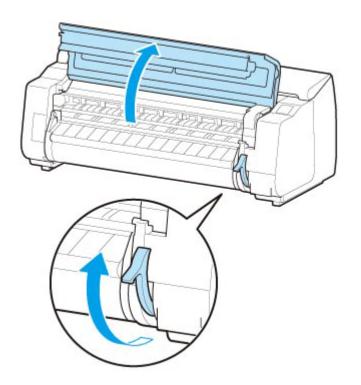
- 2. Select Paper-related settings.
- 3. Select Advanced paper settings.
- 4. Select the paper type.
- 5. Select Detect paper width.
- 6. Select Disable.

### Load paper in the desired position to start printing from

- 1. Load paper.
  - Loading Sheets in the Printer
- 2. Check the contents of the message and select Keep it disabled and continue.

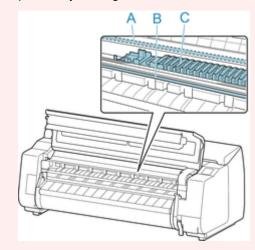


**3.** Open top cover and lift release lever.

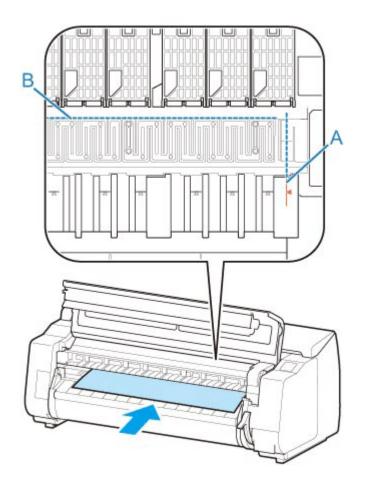


#### >>>> Important

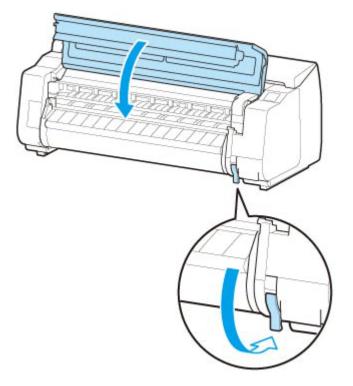
• Do not touch Linear Scale (A), carriage shaft (B), or Ink Tube Stabilizer (C). Touching these parts may damage them.



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



5. Lower release lever and close top cover.



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

# Paper Settings

- Changing the Type of Paper
- Specifying the Paper Length
- Keeping Track of the Amount of Roll Paper Left
- > Specifying the Cutting Method for Rolls
- > Cutting the Leading Edge of Roll Paper Automatically
- Reducing Dust from Cutting Rolls
- Specifying the Ink Drying Time
- Specifying the Amount of Extension for Borderless Printing

# Changing the Type of Paper

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

#### Important

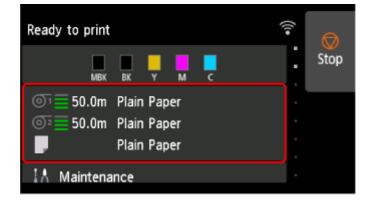
• For best printing results, the printer fine-tunes the print head height and the feed amount for each type of paper. Be sure to select the type of paper to use correctly before printing.

#### >>>> Note

• This printer has the ability to estimate the media type by the data read by the sensor when the paper is set. If you continue to use this feature, you will learn the data that you read and the accuracy of the media type estimation. If you continue to use multiple media types, this feature will reduce the need to select the media type each time you set the paper.

Media type selection method

- If you continue using the same type of paper and set **Media type selection method** to **Use current media type**, when you load paper, the media type selected before **Use current media type** was set is selected automatically, eliminating the need to set the media type.
  - Media type selection method
- 1. Select paper settings display area on Home screen.



**2.** Select paper source.



3. Select Paper settings.

#### 4. Select Type.

5. Select media type of roll paper loaded in printer.

### >>>> Important

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

#### >>>> Note

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

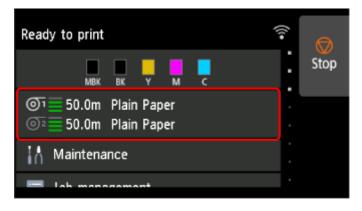
#### 6. Select Register.

# Specifying the Paper Length

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

#### >>>> Note

- Specify the roll paper length when you have set Manage remaining roll amount to Barcodes.
  - ➡ Keeping Track of the Amount of Roll Paper Left
- 1. Select paper settings display area on Home screen.





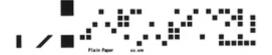
- 3. Select Paper settings.
- 4. Select Length.
- 5. Enter roll paper length and select OK.
- 6. Select Register.

# Keeping Track of the Amount of Roll Paper Left

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

### Managing by the Barcode for the Amount of Roll Paper Left

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



#### Important

- If the barcode on the roll is not detected, enter the type and length of paper on the operation panel. The length of the paper at this time can be set in **Roll length (change default)**.
  - Setting the Default Value of the Amount of Roll Paper Left when Managing by the Barcode

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



1. Select **Printer settings** on Home screen.

- 2. Select Paper-related settings.
- 3. Select Manage remaining roll amount.
- 4. Select Barcodes.
- 5. Enter roll paper length and select OK.

#### Important

• When selecting **Enable** in **Roll paper auto feed**, the screen for checking the length of the roll paper is displayed for only 5 seconds.

#### Note

- The length of the roll paper to be displayed can be set in Roll length (change default).
  - Setting the Default Value of the Amount of Roll Paper Left when Managing by the Barcode
- 6. Select the timing when the warning message appears.

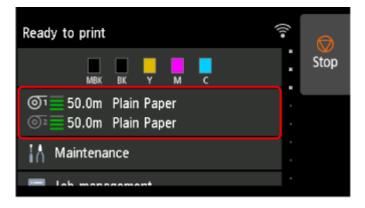
# Setting the Default Value of the Amount of Roll Paper Left when Managing by the Barcode

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

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

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

1. Select paper settings display area on Home screen.



2. Select paper source.



- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Roll length (change default).
- 6. Enter roll paper length and select OK.

### Managing by Estimating the Amount of Roll Paper Left

When you set the **Manage remaining roll amount** to **Auto estimate**, the remaining amount of roll paper is estimated and displayed in the Operation panel. The barcode is not printed.

When paper runs out, the printer records the estimated remaining roll amount. Any discrepancy will be used to make the estimated remaining roll amount more accurate the next time you load the same paper.

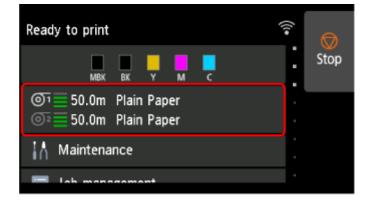
#### Important

- If the type of paper is not selected correctly, the amount of roll paper left may not be estimated correctly.
- There is an error in the estimated amount of paper remaining, and it may be out of paper during printing.
- When using the paper which is not listed in Paper Information List set **Paper thickness** and **Paper core outer diameter** under **Advanced paper settings** or Media Configuration Tool. To estimate the remaining amount of paper, **Paper thickness** and **Paper core outer diameter** must be set correctly.
  - Paper Information List
  - Media Configuration Tool Guide

# Specifying the Cutting Method for Rolls

#### important

- Automatic cut and Eject cut are valid only when you have selected Automatic Cutting>Yes in the printer driver.
  - <u>Cutting Roll Paper after Printing</u> (Windows)
  - Cutting Roll Paper after Printing (macOS)
- **Eject cut**, printing does not resume after a series of jobs have been printed continuously until the roll is cut.
- For continuous printing with User cut, select Yes or Print Cut Guideline in Automatic Cutting in the printer driver.
- **Eject cut** or **User cut** is the preset selection in **Cutting mode** for some types of paper. For this paper, we recommend keeping the preset cutting mode.
- If documents printed using **Automatic cut**, **Eject cut**, or **User cut** are short, rolls are advanced a specific amount before cutting to prevent problems with cutting and paper ejection. This may create a wider bottom margin, in some cases.
- 1. Select paper settings display area on Home screen.



2. Select paper source.



3. Select Paper settings.

#### 4. Select Advanced.

#### 5. Select Cutting mode.

6. Select a setting from the menu.

#### Automatic cut

Select this to cut the roll paper automatically with the cutter blade.

#### Eject cut

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

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

<u>Cutting Roll Paper after Printing</u>

#### User cut

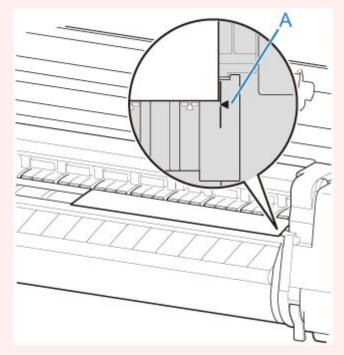
Select this if the paper cannot be cut on the cutter blade. When **Do you want to set to detect the leading edge of the paper?** is displayed, select **Detect (recommended)**.

Cut each page from the roll using scissors.

<u>Cutting Roll Paper after Printing</u>

#### Important

- For paper of which the leading edge rubs the print head, set the detection of paper leading edge to **Do not detect** and align paper's leading edge with position (A).
  - Feeding Roll Paper Manually

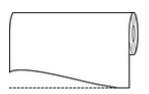


• If you set the detection of paper leading edge to **Do not detect**, a margin of about 4.0 inches (10 cm) is created at the paper leading edge when printing starts.

• When the detection of paper leading edge is set to **Do not detect**, printing will start at the position at which the roll was set for the first printing after replacing a roll. Thus, the margin of the paper leading edge will enlarge.

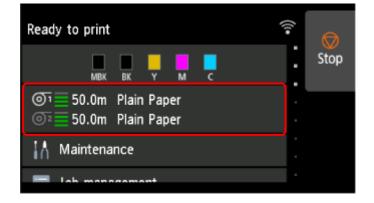
# Cutting the Leading Edge of Roll Paper Automatically

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



Follow these steps to change the Trim edge first setting.

1. Select paper settings display area on Home screen.



2. Select paper source.



- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Trim edge first.
- 6. Select a setting from the menu.

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

#### Auto

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

#### Off

The edge is not cut and scraps are not removed.

#### On(Preset Length)

The paper is cut at the pre-defined length when the roll paper is loaded. The pre-defined length depends on the type of paper. For more information, see "Leading Edge Cut Length" in "Paper Information List".

Paper Information List

#### **On(Input Length)**

The paper is cut at the specified length when the roll paper is loaded. The range of lengths that can be specified depends on the type of paper.

#### Manual

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

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

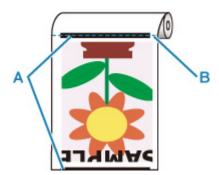
After cutting the paper, select **Complete paper loading**.

#### >>>> Note

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

# **Reducing Dust from Cutting Rolls**

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



A: The ink is coated.

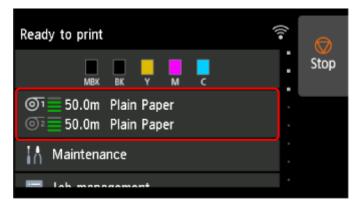
**B:** Cut Position

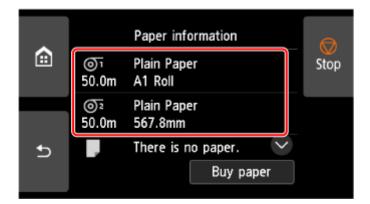
#### Important

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

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

1. Select paper settings display area on Home screen.





- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Cut-dust reduction.
- 6. Select ON.

# Specifying the Ink Drying Time

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

#### Important

- Printer settings are applied when the ink drying time is not set in the printer driver. If the ink drying time is set in the printer driver, that setting has priority.
  - ➡ Main Tab Description (Windows)
  - Advanced Paper Settings (macOS)

#### >>>> Note

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

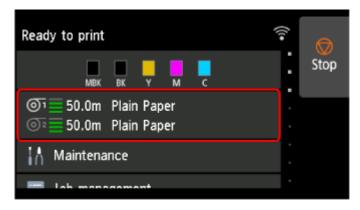
To wait for the ink to dry without allowing printed materials to fall after printing, set **Cutting mode** on the printer menu to **Eject cut**.

Specifying the Cutting Method for Rolls

### **Pausing Between Scans**

Specify the waiting time between printing one scan and printing the next one. You can set the drying waiting time and the target area where the waiting time occurs.

1. Select paper settings display area on Home screen.



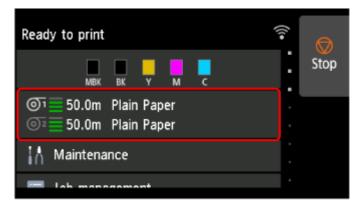


- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Pause between scans.
- 6. Select Ink drying wait time.
- 7. Select a setting from the menu.

### Pausing Between Pages

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

1. Select paper settings display area on Home screen.





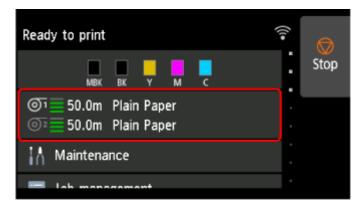
- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Pause between pages.
- **6.** Select a setting from the menu.

### Pausing on the last page during take-up

When you use a roll unit mode as a take-up, you set the wait time after you print the last page.

If you have the next page to print, cancel the drying time waiting and print.

1. Select paper settings display area on Home screen.





- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Pause on last page take-up.
- **6.** Select a setting from the menu.

#### >>>> Note

• Under **Pause timing priority** you can specify the prioritized pause time when the roll unit is used as a take-up device.

To prioritize the waiting time between printing each page and paper ejection, select **Between pages**. To prioritize the waiting time after printing the last page, select **On last page**.

## Specifying the Amount of Extension for Borderless Printing

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

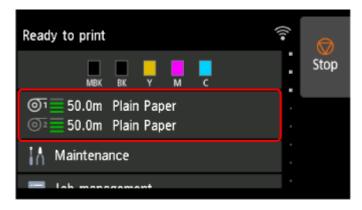
Each paper width is shown as being a recommended width for borderless printing (**Paper with recommended width**), or as having sufficient width for borderless printing (**Paper of sufficient width**). The procedure for specifying the amount of extension differs depending on **Paper with recommended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

- Specifying Amount of Extension for Paper with recommended width.
- Specifying Amount of Extension for Paper of sufficient width.

For more information on a paper width recommended for borderless printing, see Paper Sizes.

Specifying Amount of Extension for Paper with recommended width.

1. Select paper settings display area on Home screen.





- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Extension for borderless printing.

- 6. Select Paper with recommended width.
- 7. Select amount of extension.

Select Large, Standard, or Small.

#### >>>> Note

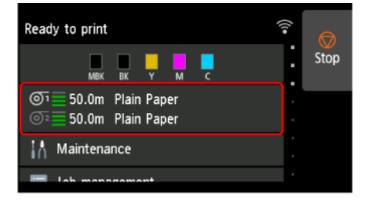
- When selecting Large, the printed area will be wider. Select this if there are margins.
- When selecting Small, the printed area will be narrower. Select this if there are stains.

### Specifying Amount of Extension for Paper of sufficient width.

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

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

- <u>Cleaning Inside the Top Cover</u>
  - 1. Select paper settings display area on Home screen.



2. Select paper source.

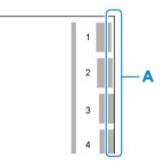


3. Select Paper settings.

- 4. Select Advanced.
- 5. Select Extension for borderless printing.
- 6. Select Paper of sufficient width.
- 7. Select Sample of extension amounts.
- 8. Confirm displayed message and select Yes.

The alignment pattern for each adjustment value is printed.

**9.** Select the adjustment value.



Check the paper edge (A) of the 1st to 8th on the output pattern and select the number that has the appropriate amount of extension.

#### Note Note

- The larger the set adjustment value, the wider the printed range.
- After setting, we recommend to perform borderless printing to check the margin status.

If the margin remains, set a larger adjustment value. If the back of the paper is soiled, set a smaller adjustment value.

- After printing alignment pattern and borderless printing for confirmation, we recommend to clean the platen.
  - <u>Cleaning Inside the Top Cover</u>

### Information about Paper

- Paper Sizes
- Paper Information List
- Updating paper information
- > Using Paper Other Than Genuine Paper and feed confirmed Paper
  - Printing on Paper Other Than Genuine Paper and feed confirmed Paper Using Existing Settings
  - Printing on Paper Other Than Genuine Paper and feed confirmed Paper by Adding a Media Type
- > Managing Paper Information on Printer Using Media Configuration Tool

# Paper Sizes

# Rolls

Rolls that meet the following conditions are supported.

- Outer diameter is 6.7 inches (170 mm) or less
- Inner diameter of paper core: 2 or 3 inches
- Printing side out

Roll Paper Width	TX-4200 / TX-5420 : 44.02 in. (1118.0 mm) to 6.00 in. (152.4 mm)
	TX-3200 / TX-5320 : 36.11 in. (917.0 mm) to 6.00 in. (152.4 mm)
	TX-2200 / TX-5220 : 24.02 in. (610.0 mm) to 6.00 in. (152.4 mm)
Roll Paper Width recom-	44 in Roll (1117.6mm)
mended for borderless print-	42 in Roll (1066.8mm)
ing(*1,*2)	B0/B1 Roll (1030.0mm)
	36 in Roll (914.4mm)
	A0/A1 Roll (841.0mm)
	B1/B2 Roll (728.0mm)
	24 in Roll (609.6mm)
	A1/A2 Roll (594.0mm)
	B2/B3 Roll (515.0mm)
	17 in Roll (431.8mm)
	14 in Roll (355.6mm)
	10 in Roll (254.0mm)
Minimum Paper Length	4.00 in. (101.6 mm)
	7.88 in. (200.0 mm) for cloth, tracing paper, and translucent matte film.
Maximum Printable Length	59 feet (18 m)
	depends on the OS and application.
Thickness	3 mil (0.07 mm) to 31 mil (0.8 mm)

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

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

### Sheets

Sheets of the following sizes are supported.

Sheet Width

TX-4200 / TX-5420 : 44.02 in. (1118.0 mm) to 6.00 in. (152.4 mm)

	TX-3200 / TX-5320 : 36.11 in. (917.0 mm) to 6.00 in. (152.4 mm) TX-2200 / TX-5220 : 24.02 in. (610.0 mm) to 6.00 in. (152.4 mm)
Minimum Paper Length	8.00 in. (203.2 mm)
Maximum Printable Length	5.2 feet (1.6 m)
Thickness	3 mil (0.07 mm) to 31 mil (0.8 mm)

### >>>> Note

- For details on non-standard sizes, see "<u>Setting Paper Dimensions (Custom Size</u>)" (Windows) or "Setting Paper Dimensions (Custom Size)" (macOS).
- Borderless printing is not supported on sheets.

# Updating paper information

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

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

Media Configuration Tool Guide

### Important

- If you are using the Media Configuration Tool, the new Media Information File is downloaded automatically when released on the Canon website. A computer connected to the Internet is required to download the Media Information File.
- Even if you are not using the printer driver, you should install the Media Configuration Tool in order to register the media types for your region in the printer.

# Using Paper Other Than Genuine Paper and feed confirmed Paper

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

- Paper where the size is described in "Paper Sizes"
- · Paper where bleeding and ink overflow does not occur when printing
- · Paper that does not warp severely when loading the paper or printing

#### Important

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

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

First, check whether the existing settings provide the desired image quality. If you cannot obtain the desired image quality with the existing settings, create new paper settings.

### Printing Using Existing Settings

You can print easily by selecting from existing settings provided in the operation panel and printer driver.

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

### **Create Settings and Print**

You can use the function to add custom paper in the Media Configuration Tool to create settings suitable for paper other than genuine paper/output confirmation paper you are using. You can add the created settings to the printer operation panel and printer driver as a new paper type for printing.

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

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

You can easily print on paper other than genuine Canon paper and feed confirmed paper without making complicated settings by selecting the existing settings provided in the operation panel and printer driver depending on the media type you are using.

The existing settings consist of the general-purpose paper settings provided for different media types and the special paper settings that allow you to select various levels of ink usage.

First, select a paper with a similar type and basis weight from the general-purpose paper settings, and try printing.

#### Important

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

#### >>>> Note

- For the available paper types, see "Paper Information List."
- For instructions on selecting the media type with the operation panel, see "<u>Changing the Type of</u> <u>Paper</u>". For instructions on selecting the media type with the printer driver, see "<u>Main Tab Description</u>" (Windows) or "Quality & Media" (macOS).

## **Choosing General-Purpose Paper Settings**

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

## **Selecting Special Paper Settings**

These settings allow you to select the type of black ink and the amount of ink used. By selecting the special settings for the amount of ink used that are appropriate for the paper, the lack of color development and ink bleeding may be improved.

For details, see "Special Paper Settings List."

#### Note Note

• If you cannot obtain the desired results by selecting the general-purpose paper settings and the special paper settings, use the add custom paper function in Media Configuration Tool to create settings

suitable for the paper you are using. For details, see "<u>Printing on Paper Other Than Genuine Paper and</u> feed confirmed Paper by Adding a Media Type."

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

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

For details on Media Configuration Tool, refer as follows.

Media Configuration Tool Guide

#### Important

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

# Settings

### Changing Settings from Operation Panel

- Home Screen Menu Composition
- Menu Structure
- Setting Items on Operation Panel
- Setting Administrator Password on Operation Panel
- Erasing Data on Printer's Hard Disk
- HP-GL/2 Settings
- Status Print

### Changing Printer's Setting Using Web Browser

- Start up Remote UI
- Changeable Setting Items Using Remote UI
- Setting Passwords Using Remote UI
- Registering Printer's Root Certificate to Web Browser for SSL Communication
- Registering Printer's Root Certificate to Local Computer for SSL Communication
- Generating Server Certificate
- Setting Mail Server
- Receiving Printer Status by E-mail
- Migrating Printer's Setting
- Initializing Printer's Setting
- Network Setting
  - Printer Connection Methods
  - Another Printer Found with Same Name
  - Printing Network Settings
  - Network Status and Troubleshooting
  - Checking Printer Connection Status Using Wi-Fi Connection Assistant
  - Sharing the Printer on a Network (Windows)

Sharing the Printer on a Network (macOS)

# **Changing Settings from Operation Panel**

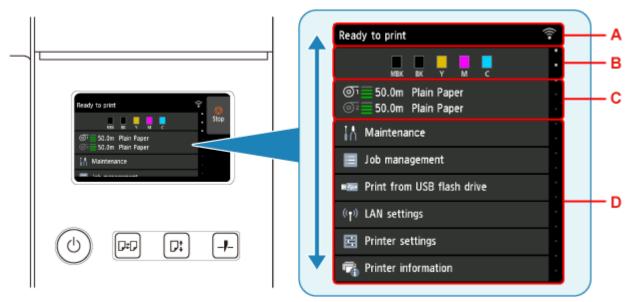
- > Home Screen Menu Composition
- Menu Structure
- Setting Items on Operation Panel
- > Setting Administrator Password on Operation Panel
- Erasing Data on Printer's Hard Disk
- HP-GL/2 Settings
- Status Print

# Home Screen Menu Composition

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

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

- Basic Touch Screen Operations
- ➡ Icons on Touch Screen



#### A: Printer Information Display Area

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

#### Notification Messages

#### B: Ink Display Area

Displays the ink status. Select this item to view the remaining amount of ink and how to replace the ink tanks.

#### **C: Paper Setting Display Area**

Displays the media information for each feeding location. Select this item to configure the size and type of the paper loaded.

#### **D: Other Menu Items**

Displays the items used to perform maintenance and configure the various settings.

#### Setting Items on Operation Panel

#### Note

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

# **Basic Touch Screen Operations**

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

#### Important

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

#### Тар

Gently touch with your fingertip and then release.

Use this when selecting an item on the screen.



#### Touch

Gently touch with your fingertip.

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



#### Flick

Drag and release your finger up, down, left, or right. Use this to quickly scroll through a menu or list.



#### Drag

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

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



# **Notification Messages**

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

# Icons on Touch Screen

While operating on the touch screen, some icons are displayed on the touch screen.



(HOME)

The HOME screen appears.



Displays the screen before the current screen.

#### Stop

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

# Menu Structure

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

Values may vary depending on your model, firmware version, and printer settings.

#### Ink information

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

Current estimated ink levels	
Replace	
Order ink now	

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#### Paper settings

Г

This menu is displayed by selecting paper information area.

Roll paper 1			
	Replace paper		
	Feed/cut		
	Remove paper		
	Paper settings		
		Width	
		Length	
		Туре	
		Advanced	
	Buy paper		
Roll paper 2			
	Replace paper		
	Feed/cut		
	Remove paper		

Roll unit use settings

Paper	settings
i upci	Settings

Width

Length

Туре

**Advanced** 

Buy paper

Take-up mode

Roll unit use settings

Auto feed to take-up positi	on
Skip errors during take-up	
	ON / OFF
Wind up after cutting	
	Enable / Disable
Paper retention settings	
	Release / Retain
Use in take-up mode	
	Use / Do not use

#### Manual

Replace paper	
Remove paper	
Paper settings	
	Page size
	Width
	Length
	Туре
	Advanced
Buy paper	



## Maintenance

Troubles	nooting	
Nozzle Cl	neck	
Print Hea	d Cleaning	
	Cleaning	
	All colors / Pattern 1 / Pattern 2	
	Deep Cleaning	
	All colors / Pattern 1 / Pattern 2	
	System Cleaning	
	All colors / Pattern 1 / Pattern 2	
Print Hea	d Alignment	
	Auto (standard)	
	Roll paper 1 / Roll paper 2 / Manual	
	Auto (advanced)	

	Roll paper 1 / Roll paper 2 / Manual
Manual	
	Roll paper 1 / Roll paper 2 / Manual

#### Print head angle adjustment

Paper fee	Paper feed adjustment		
	Set priority		
	Auto / Prioritize print quality / Prioritize length accuracy		
	Adjust print quality		
		Auto	
			Roll paper 1 / Roll paper 2 / Manual
		Manual	
			Roll paper 1 / Roll paper 2 / Manual
	Adjust fee	ed length	
		Print alignment patte	ern
			Roll paper 1 / Roll paper 2 / Manual
		Change adjustment	values
			-0.70% / -0.68% / / 0.68% / 0.70%

#### **Color calibration**

Auto adjust	
Enable/disable adjustment va	ilues
	Enable* / Disable
Adjustment information	
Calibration guide settings	
	Enable / Disable*
Reset adjustment values	•

Maintenance cartridge info

Maintenance cartridge usage
Replace

#### **Head Replacement**

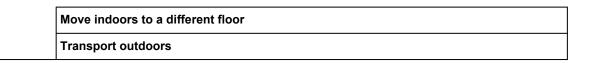
Start head replacement.

Replace cutter blade unit

Platen cleaning

#### Prepare to move

Move indoors on the same floor



# Job management

Print job		
	List of print jobs	
Saved job		
Jo	ob box list	
		Job list
		Print the job list
Job history		
	Display job history	
	Print job history	
Pause printing		
	Enable / Disable*	
Delete all print jobs		

•

## Print from USB flash drive

Folder/1	Folder/file list	
	Number of copies	
	Preview	
	Print settings	
	The lower items of this menu are the same as the lower items of <b>Print from USB flash settings</b> .	



•

# LAN settings

#### Wi-Fi

Wi-Fi	
	Connection
	Network name (SSID)
	Frequency
	Wi-Fi security
	Signal strength (%)
	IPv4 address
	IPv4 subnet mask

IPv4 default g	gateway	
IPv4 DNS dyr	namic settings	
IPv4 DNS hos	st name	
IPv4 DNS dor	nain name	
IPv6 link-loca	I address	
IPv6 manual	address	
IPv6 manual	prefix length	
IPv6 stateles	s address 1	
IPv6 stateles	s prefix length	1
IPv6 stateles	s address 2	
IPv6 stateles	s prefix length	2
IPv6 stateles	s address 3	
IPv6 stateles	s prefix length	3
IPv6 stateles	s address 4	
IPv6 stateles	s prefix length	4
DHCPv6		
DHCPv6 state	eful address	
DHCPv6 state	eful prefix leng	yth
IPv6 default ç	jateway 1	
IPv6 default g	gateway 2	
IPv6 default ç	jateway 3	
IPv6 default g	jateway 4	
IPv6 primary	DNS server ac	ldress
IPv6 seconda	ry DNS server	radd.
IPv6 DNS dyr	n. update: man	ual
IPv6 DNS dyr	n. update: state	eless
IPv6 DNS dyr	n. update: state	eful
IPv6 Use IPv4	host/domain	name
IPv6 DNS hos	st name	
IPv6 DNS dor	nain name	
MAC address	;	
Printer name		
Bonjour serv	ice name	
Settings		
	Enable/disab	le Wi-Fi
		Enable / Disable
		I

Wi-Fi setup		
	Easy wireless	s connect
	Manual conn	ect
	WPS (Push b	utton method)
	Other connect	tion types
		WPS (PIN code method)

Wireless	Direct		
	Connection		
	Network name (SSID)		
	Password		
	Frequency		
	Wi-Fi security		
	No. of printers connected now		
	IPv4 address		
	IPv4 subnet mask		
	IPv4 default gateway		
	IPv6 link-local address		
	MAC address		
	Printer name		
	Bonjour service name		
	Settings		
	Enable/disable Wireless Direct		
	Yes / No		
	Change network name (SSID)		
	Auto update / OK		
	Change password		
	Change manually / Auto update		
	Connection request confirmation		
	ON* / OFF		

## Wired LAN

Connection		
IPv4 address		
IPv4 subnet mask		
IPv4 default gatewa	ay	
IPv4 DNS dynamic	settings	

IPv4 DNS host nam	6	
IPv4 DNS domain n	ame	
IPv6 link-local addr	ess	
IPv6 manual addres	S	
IPv6 manual prefix	length	
IPv6 stateless addre	ess 1	
IPv6 stateless prefix	k length 1	
IPv6 stateless addre	ess 2	
IPv6 stateless prefix	k length 2	
IPv6 stateless addre	ess 3	
IPv6 stateless prefix	k length 3	
IPv6 stateless addre	ess 4	
IPv6 stateless prefix	k length 4	
DHCPv6		
DHCPv6 stateful ad	dress	
DHCPv6 stateful pro	efix length	
IPv6 default gatewa	y 1	
IPv6 default gatewa	y 2	
IPv6 default gatewa	y 3	
IPv6 default gatewa	y 4	
IPv6 primary DNS s	erver address	
IPv6 secondary DN	S server add.	
IPv6 DNS dyn. upda	ite: manual	
IPv6 DNS dyn. upda	ite: stateless	
IPv6 DNS dyn. upda	ite: stateful	
IPv6 Use IPv4 host/	domain name	
IPv6 DNS host nam	e	
IPv6 DNS domain n	ame	
MAC address		
Printer name		
Bonjour service na	ne	
Settings		
	Enable/disable Wired	d LAN
		Enable / Disable
Advanced		•

#### Print details



•

## Printer settings

#### Test print

st print	
	Nozzle Check
	Status print
	Status print (administrator)
	Print LAN details
	Print the print settings
	Print advanced paper settings
	Print job history
	Print menu map
	Print color list for palettes

#### Print settings

Prioritize paper size

Enable / Disable\*

Magnification level for borderless

Large / Medium\* / Small / Minimum

#### PDF print settings

Print qu	uality settings	
	Color mode	
	Color (perceptual)* / Color (saturation) / Color (correct off) / Mono chrome / Monochrome BMP	
	Print quality	
	5 (Fast) / 4 / 3* / 2 / 1 (High)	
	Input resolution	
	600 dpi / 300 dpi*	
	Print target	
	Photo / Line drawing / Auto select*	
Paper s	ettings	
	Paper src	
	Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manu	
	Margin	

	3mm* / 5mm
Border	
	Borderless / Bordered*
Oversize	
	Enable / Disable*
Save pape	er
	ON / OFF*
Rotate	
	0 degrees* / 90 degrees
Auto rotat	lion
	ON / OFF*
Enlarge/R	educe
	Fit paper size* / Same size / Scaling
Print cent	ered
	ON / OFF*
Cut to sta	ndard size
	ON / OFF*
ine & pen manage	)r
Width cor	rection
	Black/gray
	Color
Processing options	5
Warning o	lisplay
	Enable / Disable*
nt settings	
Print quality setting	gs
Color mod	de
	Color (perceptual) / Color (saturation)* / Color (correct off) / Mono-
	chrome / Monochrome BMP
Print qual	ity
	5 (Fast) / 4 / 3* / 2 / 1 (High)
Input reso	blution
	600 dpi / 300 dpi* / Specify print job
Print targe	et
	Photo* / Line drawing / Auto select
aper settings	

	Paper src		
	Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual		
	Margin		
	3mm* / 5mm		
	Border		
	Borderless / Bordered*		
	Rotate		
	0 degrees* / 90 degrees		
	Auto rotation		
	ON / OFF*		
	Enlarge/Reduce		
	Fit paper size* / Same size / Scaling		
	Print centered		
	ON / OFF*		
	Cut to standard size		
	ON / OFF*		
HP-GL/2 print	settings		
	quality settings		
	Color mode		
	Color (perceptual) / Color (saturation)* / Color (correct off) / Mono- chrome / Monochrome BMP		
	Print quality		
	5 (Fast) / 4 / 3* / 2 / 1 (High)		
	Input resolution		
	600 dpi* / 300 dpi		
	Print target		
	Photo / Line drawing* / Auto select		
Paper	settings		
	Paper src		
	Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual		
	Margin		
	3mm* / 5mm		
	Oversize		
	Enable* / Disable		
	Save paper		
	ON / OFF*		

Rotate					
	0 degrees* / 9	0 degrees			
Auto rotat	Auto rotation				
	ON / OFF*				
Enlarge/R	educe				
	Fit paper size	/ Same size* /	Scaling		
Print cent	ered				
	ON / OFF*				
Cut to sta	ndard size				
	ON / OFF*				
Nesting					
	Use nesting f	unction			
		Use nesting f	unction		
			Enable / Disa	ble*	
		Nesting Wait1			
			1 / 2* / / 98 /	/ <b>QQ</b>	
		Print cut lines		55	
			Enable / Disa		
Mirror			Enable / Disa	bie	
MITTOT	ON / OFF*				
Ling 9 man manage					
Line & pen manage	÷r				
Merge					
	ON / OFF*				
Pen setup					
	Select palette	1			
			llette A / Palett	e B / Default	
	Define palette				
		Palette A	_		
			Pen 0 to Pen		
			*Pen 0 to Pen structure.	15 have the sa	ne menu
				Width	
					0.04mm / 0.08mm / 0.13mm /
					0.18mm

					0.25mm / 0.35mm / 0.50mm / 0.65mm 0.70mm / 0.80mm / 0.90mm / 1.0mm 1.4mm / 2.0mm / 3.0mm / 5.0mm
					8.0mm / 12.0mm
				Color	
					0 to 255
				Line attribute	
					No setting / Circle set- tings
		Palette B		1	
		Menu structure	e same as <b>Pale</b>	tte A	
		Default Here to Defau	lts		
	Reset palette	) )			
		All palettes			
		Palette A			
		Palette B			
Smoothing	I				
	Software* / S	moothing			
Thicken fir	1				
	ON / OFF*				
Adjust fain	1				
	ON / OFF*				
Width corr	Т				
	Black/gray				
	Color				
Dubut a la u	list for palette				

	Warning display				
	Enable / Disable*				
	Detect image size				
	OFF* / Command priority / Detected size				
	Frame control				
	Enable / Disable*				
rint from USB	flash settings				
Print qu	ality settings				
	Color mode				
	Color (perceptual) / Color (saturation)* / Color (correct off) / Mono- chrome / Monochrome BMP				
	Print quality				
	5 (Fast) / 4 / 3* / 2 / 1 (High)				
	Print target				
	Photo / Line drawing / Auto select*				
Paper se	ettings				
	Paper src				
	Auto select* / Roll paper (auto) / Roll paper 1 / Roll paper 2 / Manual				
	Margin				
	3mm* / 5mm				
	Border				
	Borderless / Bordered*				
	Rotate				
	0 degrees* / 90 degrees				
	Auto rotation				
	ON / OFF*				
	Enlarge/Reduce				
	Fit paper size* / Same size / Scaling				
	Print centered				
	ON / OFF*				
	Cut to standard size				
	ON / OFF*				
rPrint print se	ttings				
Print qu	ality settings				
	Color mode				

		i				
			ptual) / Color (saturation)* / Color (correct off) / Mono- nochrome BMP			
	Print reso	Print resolution				
		Standard* / S	Speed priority / Print priority			
	Print targ	Print target				
		Photo / Line	drawing / Auto select*			
Pape	er settings					
	No Top/B	tm Space (Save	e Paper)			
		ON / OFF*				
	Unidirect	ional printing				
		Enable / Disa	able*			
print	settings from	FTP				
Prin	t settings 1					
	Print qua	lity settings				
		Color mode				
			Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / Monochrome BMP			
		Print quality				
			5 (Fast) / 4 / 3* / 2 / 1 (High)			
		Input resolut	tion			
			600 dpi / 300 dpi* / Specify print job			
		Print target				
			Photo / Line drawing / Auto select*			
	Paper set	ttings				
		Paper src				
			Auto select* / Roll paper (auto) / Roll paper 1 / Roll pa- per 2 / Manual			
		Margin				
			3mm* / 5mm			
		Border				
			Borderless / Bordered*			
		Oversize				
			Enable* / Disable			
		Save paper				
			ON / OFF*			
		Rotate	1			

				Auto rotation	
					ON / OFF*
				Enlarge/Redu	ce
					Fit paper size* / Same size / Scaling
				Print centered	1
					ON / OFF*
				Cut to standa	rd size
					ON / OFF*
				Mirror	
					ON / OFF*
			Line & pen	manager	
				Merge	
					ON / OFF*
				Smoothing	
					Software* / Smoothing
				Thicken fine I	ines
					ON / OFF*
				Adjust faint li	nes
					ON / OFF*
				Width correct	ion
					Black/gray
					Color
				Print color lis	t for palettes
			Processing	options	
				Warning disp	lay
					Enable / Disable*
				Detect image	size
					OFF* / Command priority / Detected size
				Frame contro	1
					Enable / Disable*
		Print set	tings 2	1	
			Print qualit	y settings	
				Color mode	
					Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / Monochrome BMP
				Print quality	l
1	1			L	

	5 (Fast) / 4 / 3* / 2 / 1 (High)
	Input resolution
	600 dpi / 300 dpi* / Specify print job
	Print target
	Photo / Line drawing / Auto select*
Paper	settings
	Paper src
	Auto select* / Roll paper (auto) / Roll paper 1 / Roll pa per 2 / Manual
	Margin
	3mm* / 5mm
	Border
	Borderless / Bordered*
	Oversize
	Enable* / Disable
	Save paper
	ON / OFF*
	Rotate
	0 degrees* / 90 degrees
	Auto rotation
	ON / OFF*
	Enlarge/Reduce
	Fit paper size* / Same size / Scaling
	Print centered
	ON / OFF*
	Cut to standard size
	ON / OFF*
	Mirror
	ON / OFF*
Line &	pen manager
	Merge
	ON / OFF*
	Smoothing
	Software* / Smoothing
	Thicken fine lines
	ON / OFF*

	Adjust faint	Adjust faint lines		
		ON / OFF*		
	Width correc			
		Black/gray		
		Color		
	Print color li	st for palettes		
	Processing options			
	Warning dis	play		
		Enable / Disable*		
	Detect image	e size		
		OFF* / Command priority / Detected size		
	Frame contr			
		Enable / Disable*		
Print set	tings 3			
	Print quality settings			
	Color mode			
		Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / Monochrome BMP		
	Print quality			
		5 (Fast) / 4 / 3* / 2 / 1 (High)		
	Input resolut	tion		
		600 dpi / 300 dpi* / Specify print job		
	Print target			
		Photo / Line drawing / Auto select*		
	Paper settings			
	Paper src			
		Auto select* / Roll paper (auto) / Roll paper 1 / Roll pa- per 2 / Manual		
	Margin	·		
		3mm* / 5mm		
	Border			
		Borderless / Bordered*		
	Oversize			
		Enable* / Disable		
	Save paper			
		ON / OFF*		

	0 degrees* / 90 degrees
Auto rotation	
	ON / OFF*
Enlarge/Redu	
	Fit paper size* / Same size / Scaling
Print centere	d
	ON / OFF*
Cut to standa	ard size
	ON / OFF*
Mirror	1
	ON / OFF*
Line & pen manager	1
Merge	
	ON / OFF*
Smoothing	1
	Software* / Smoothing
Thicken fine	lines
	ON / OFF*
Adjust faint li	ines
	ON / OFF*
Width correct	tion
	Black/gray
	Color
Print color lis	st for palettes
Processing options	
Warning disp	lay
	Enable / Disable*
Detect image	size
	OFF* / Command priority / Detected size
Frame contro	
	Enable / Disable*
ings 4	
ings 4 Print quality settings	
Adjust faint li Width correct Print color lis Processing options Warning disp	ON / OFF*         ines         ON / OFF*         tion         Black/gray         Color         st for palettes         Dlay         Enable / Disable*         size         OFF* / Command priority / Detected size

		Color (perceptual) / Color (saturation)* / Color (correct off) / Monochrome / Monochrome BMP		
	Print quality			
		5 (Fast) / 4 / 3* / 2 / 1 (High)		
	Input resolution	on		
		600 dpi / 300 dpi / Specify print job*		
	Print target			
		Photo / Line drawing / Auto select*		
Paper setti	ings			
	Paper src			
		Auto select* / Roll paper (auto) / Roll paper 1 / Roll pa- per 2 / Manual		
	Margin			
		3mm* / 5mm		
	Border			
		Borderless / Bordered*		
	Oversize			
		Enable* / Disable		
	Save paper			
		ON / OFF*		
	Rotate			
		0 degrees* / 90 degrees		
	Auto rotation			
		ON / OFF*		
	Enlarge/Redu	ce		
		Fit paper size* / Same size / Scaling		
	Print centered	1		
		ON / OFF*		
	Cut to standa	rd size		
		ON / OFF*		
	Mirror			
		ON / OFF*		
Line & pen	manager			
	Merge			
		ON / OFF*		
	Smoothing			
	1			

					s	oftware* / Smoothing	
				Thicke	n fine line		
					0	N / OFF*	
				Adjust	faint line	S	
					0	DN / OFF*	
				Width o	orrectio	n	
					В	Black/gray	
					С	Color	
				Print co	olor list f	or palettes	
			Processing	g options	5		
				Warnin	g display	/	
					E	nable / Disable*	
				Detect	image siz	ze	
					0	OFF* / Command priority / Detected size	
				Frame	control		
					E	nable / Disable*	
	Defau	It print set	ttings				
		Print qu	ality setting	S			
			Color mod	e			
						al) / Color (saturation)* / Color (correct off) / Mono- chrome BMP	
			Print qualit	ty			
				5 (Fast	/ 4 / 3* /	2 / 1 (High)	
			Print targe	t			
				Photo /	Line dra	wing / Auto select*	
	Print	the print s	ettings				
LAN s	etting	 ;					
The lo	wer ite	ms of this r	nenu are the	same as	the lower	r items of <u>LAN settings</u> .	
Web s	ervice	setup					
	W	Web service usage registration / Web service usage cancellation					
	ls	Issue registration code					
	DI	IS server s	setup				
					Auto set	up* / Manual setup	
	Pr	oxy servei	r setup				
					Use / Do	not use*	

Web service inquiry

Print from Canon server

Paper-related settings

Roll paper auto feed

Enable\* / Disable

Media type selection method

Manual / Auto detect\* / Auto with confirmation / Use current media type

Manage remaining roll amount

Barcodes / Auto estimate\* / Disable

Roll amount warning settings

11m/36ft. / 9m/30ft. / 7m/23ft. / 5m/16ft.\* / 3m/10ft. / 1m/3ft.

Switch roll paper when low

Enable / Disable\*

Roll paper auto switching

Identify size\* / Do not identify size

Detect paper setting mismatch

Pause / Display warning\* / Do not detect / Hold job

Paper retention settings

Release / While feeding\*

Paper size recognition settings

Cut sheet setting 1

Cut sheet setting 2

Roll paper setting 1

Roll paper setting 2

Roll paper setting 3

Roll paper setting 4

Roll paper setting 5

Roll paper setting 6

Roll paper setting 7

Adjust roll unit

Keep margin at cut sheet end

Enable / Disable\*

Advanced paper settings

Print advanced paper settings

Add priority roll paper width

Setting 1

Setting	2
---------	---

Setting 3

Reset all detection priority data

Reset paper settings for all paper

#### Auto maintenance settings

0						
Auto nozzle check						
Standard* / 1 page / 10 pages / Disable						
Nozzle check error display						
Enable / Disable*						
System Cleaning frequency						
Standard* / Short						
Print pattern after new head						
ON* / OFF						
Ink ejection status check						
Auto fix* / Display warning / OFF						

#### Hard disk settings

Output method		
	Print* / Print (auto delete) / Save to job box	
Save first and print		
	ON / OFF*	
Comm	ion job box settings	
	Print* / Print (auto delete)	
File de	eletion settings	
	Fast* / Fast secure / Secure (VSITR)	
Data deletion		
	Fast	
Fast secure		
	Secure	
	Secure (VSITR)	

#### Monitoring service settings

Enable/disable monitoring service

Enable / Disable\*

**Communication test** 

Communication log

Timing for ink level notification

	All colors				
	0% / 10% / 20% / 30% / 40% / 50% / 60% / 70% / 80% / 90% / 100%				
	МВК				
	0%* / 10% / 20% / 30% / 40% / 50% / 60% / 70% / 80% / 90% / 100%				
	вк				
	0%* / 10% / 20% / 30% / 40% / 50% / 60% / 70% / 80% / 90% / 100%				
	Y				
	0%* / 10% / 20% / 30% / 40% / 50% / 60% / 70% / 80% / 90% / 100%				
	м				
	0%* / 10% / 20% / 30% / 40% / 50% / 60% / 70% / 80% / 90% / 100%				
	С				
	0%* / 10% / 20% / 30% / 40% / 50% / 60% / 70% / 80% / 90% / 100%				
	Check settings				
Warnii	ng notification settings				
	Enable* / Disable				

Other printer settings

**Energy saving settings** 

Auto power off

5 minutes / 10 min. / 30 min. / 1 hour / 4 hours / 8 hours / 12 hours / OFF

Sleep timer

5 minutes\* / 10 min. / 15 min. / 20 min. / 30 min. / 40 min. / 50 min. / 60 min.

Use USB connection

Use\* / Do not use

Date/time settings

Date display format

YYYY/MM/DD / MM/DD/YYYY / DD/MM/YYYY

Time zone (GMT)

0 / +1 / ... / +12 / -12 / ... / -1

Length unit settings

Meters / Feet/inches

Buzzer settings

Enable\* / Disable

EOP timer settings

1 minute / 2 minutes / 5 minutes / 10 minutes\* / 30 minutes / 60 minutes

Job history sending settings

Send / Do not send\*

Menu row I	height
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Wide\* / Standard

Ink level notifications lamp settings

Standard\* / Slow

Language selection

#### Firmware update

	Install update			
	Check current ve	ersion		
	Update notification settings			
	Yes* / No			
	Show notifications (tool update)			
		ON* / OFF		
	DNS server setup			
		Auto setup* / Manual setup		
	Proxy server set	y server setup		
		Use / Do not use*		

#### Security settings

Admini	strator password settir	ngs			
	Remote UI and other tools / LCD, Remote UI, and other tools				
Operat	ion restrictions				
	Job history	Job history			
	Restrict / Do not restrict*				
	Remote UI				
	Restrict / Do not restrict*				
	Print from USB flash drive				
		Restrict / Do not restrict*			
IPsec s	settings				
	Enable / Disable*				
IEEE80	2.1X/EAP settings				
	Enable/disable	Enable/disable			
	Enable / Disable*				
	Search for EAP router				
	Last authentication	Last authentication result			
	Authentication	Authentication			
		TLS* / TTLS / PEAP			

	Advanced setup			
	EA	AP-TT	LS internal aut	h. method
				MSCHAPv2* / PAP
	Us	er-ID		
	Us	sernar	ne	
	Pa	ISSWO	rd	
	Au	uthent	ication server	name
	Ve	erify a	uth. server nan	ne
				Enable* / Disable
	Ve	erify a	uth. server cer	tificates
				Enable* / Disable
Import/export sett	ings			
			Import	

Export

Initialize printer settings

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	-	10
		-

### Printer information

System information				
Hard disk information				
Error history				
	Hardware error			
	Recoverable error			
	Paper feed/transfer error			
Usage				
Total print area				
Duty counter				
Head information				
Head alignment performance log				
Values applied with auto settings				

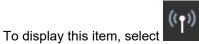
# Advanced (Paper settings)

Select the paper information area and by selecting **Paper settings** to display this menu.

Roll length (change default)         Head height         Auto / -4(Low) / -3 / -2 / -1 / 0(Standard) / +1 / +2 / +3(High)         Skew detection accuracy         Standard / Loose / OFF         Cutting mode         Automatic cut / Eject cut / User cut         Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 1 second / 3 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seco	anced	
Auto / -4(Low) / -3 / -2 / -1 / 0(Standard) / +1 / +2 / +3(High)         Skew detection accuracy         Standard / Loose / OFF         Cutting mode         Automatic cut / Eject cut / User cut         Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds / 9 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 9 seconds / 2 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 9 seconds / 2 seconds / 9 seconds / 9 seconds / 9 seconds / 2 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds / 9 seconds / 1 Leading edge	Roll length (change defau	lt)
Skew detection accuracy         Standard / Loose / OFF         Cutting mode         Automatic cut / Eject cut / User cut         Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (redeing)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Head height	
Standard / Loose / OFF         Cutting mode         Automatic cut / Eject cut / User cut         Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (inding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Auto / -4(Low) / -3	/ -2 / -1 / 0(Standard) / +1 / +2 / +3(High)
Cutting mode         Automatic cut / Eject cut / User cut         Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (minding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Skew detection accuracy	
Automatic cut / Eject cut / User cut         Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 second         Ink drying target area         Overall / Leading edge         Pause between pages	Standard / Loose /	OFF
Cut speed         Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 second         Ink drying target area         Overall / Leading edge         Pause between pages	Cutting mode	
Fast / Standard / Slow         Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9	Automatic cut / Eje	ect cut / User cut
Trim edge first         Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds	Cut speed	
Auto / Off / On(Preset Length) / On(Input Length) / Manual         Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9	Fast / Standard / S	low
Cut-dust reduction         ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds / 9 seconds         Ink drying target area         Overall / Leading edge	Trim edge first	
ON / OFF         Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds / 9 seconds         Ink drying target area         Overall / Leading edge	Auto / Off / On(Pre	set Length) / On(Input Length) / Manual
Transport unit vacuum strength         Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Cut-dust reduction	
Auto / Strong / Medium-strong / Standard / Medium-weak / Weak         Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds / 9 seconds         Ink drying target area         Overall / Leading edge	ON / OFF	
Guide arm retention pressure         High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds         Ink drying target area         Overall / Leading edge	Transport unit vacuum st	rength
High / Low         Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Auto / Strong / Me	dium-strong / Standard / Medium-weak / Weak
Roll paper tension (printing)         High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Guide arm retention press	sure
High / Standard / Low         Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	High / Low	
Roll paper tension (feeding)         High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Roll paper tension (printin	ng)
High / Standard / Low         Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds / 1 second / 3 seconds / 5 seconds / 9 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	High / Standard / L	ow
Roll paper tension (winding up)         High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	Roll paper tension (feedin	ng)
High / Standard / Low         Pause between scans         Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	High / Standard / L	ow
Pause between scans   Ink drying wait time   OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds   Ink drying target area   Overall / Leading edge   Pause between pages	Roll paper tension (windi	ng up)
Ink drying wait time         OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds         Ink drying target area         Overall / Leading edge         Pause between pages	High / Standard / L	ow
OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 seconds /	Pause between scans	
Ink drying target area       Overall / Leading edge       Pause between pages	Ink drying wait tim	e
Overall / Leading edge       Pause between pages		OFF / 0.5 seconds / 1 second / 3 seconds / 5 seconds / 7 seconds / 9 second
Pause between pages	Ink drying target a	rea
		Overall / Leading edge
OFF / 30 seconds / 1 minute / 3 minutes / 5 minutes / 10 minutes / 30 minutes / 60 minutes	Pause between pages	
	OFF / 30 seconds /	1 minute / 3 minutes / 5 minutes / 10 minutes / 30 minutes / 60 minutes

minutes / 96	OFF / 5 minutes / 10 minutes / 30 minutes / 60 minutes / 120 minutes / 240 minutes / 480 minutes / 960 minutes			
Pause timing prior	ause timing priority			
Between pa	ges / On last page			
Leading edge marg	gin (roll)			
3mm / 20mr	n			
Leading edge marg	jin (sheet)			
3mm / 20mr	n			
Extension for bord	erless printing			
Paper with	recommended width			
	Large / Standard / Small			
Paper of su	Paper of sufficient width			
	Select extension amount			
	1 (min) / 2 / 3 / 4 / 5 / 6 / 7 / 8 (max)			
	Sample of extension amounts			
Detect paper width				
Enable / Dis	able			
Paper core outer d	Paper core outer diameter			
Paper thickness				
Auto-rewind roll pa	aper at sleep			
Enable / Dis				
Reset detection pri				
Reset paper setting	-			

# Advanced (LAN settings)



LAN settings on the HOME screen.

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

anced					
Set p	rinter name				
TCP/I	TCP/IP settings				
	IPv4				
		IP address			
			Auto setup* / Manual setup		
		DNS server			
			DNS server setup		
				Auto setup* / Manual setup	
			Dynamic update se	ttings	
				Enable / Disable*	
			Host name Domain name		
		Proxy server			
			Use / Do not use* DHCP option settings Acquire host name		
		DHCP option s			
				Enable / Disable*	
			DNS dynamic upda	te	
				Enable / Disable*	
			Acquire domain name		
				Enable / Disable*	
	IPv6				
		Enable/disable IPv6			
			Enable* / Disable		
		Use DHCPv6			
			Use* / Do not use		
		Manual addres	:S		
			Use / Do not use*		
		DNS server			
			DNS server setup		
1	1	I	L		

	1			Auto setup* / Manual s	setun
			Dunamia undata a		setup
			Dynamic update se	-	
				IPv6 DNS dyn. update:	1
					Enable / Disable*
				IPv6 DNS dyn. update:	stateless
					Enable / Disable*
				IPv6 DNS dyn. update:	: stateful
					Enable / Disable*
			IPv6 Use IPv4 host	/domain name	•
				Enable / Disable*	
			IPv6 DNS host nan	1e	
			IPv6 DNS domain i	name	
		DHCP option se	ettings		
	DNS dynamic update				
				Enable / Disable*	
			Acquire domain na	ime	
				Enable / Disable*	
WSD	settings			1	
	Enable/disal	ole WSD			
		Enable / Disabl	e*		
	Optimize inbound WSD				
	Enable* / Disable				
	Timeout set	tings			
	20 minutes / 15 minutes* / 10 minutes / 5 minutes / 1 minute				
Bonjo	our settings				
	Enable/disal	ole Boniour			
		Enable* / Disab	le		
	Service name				
SNTP	settings	-			
_	Client opera	tion status			
		Enable / Disabl	۵*		
	NTP server address Polling interval				
Snar	ning tree setti				
Spail	Enable / Disa				
		aule			
LPD	settings				

Enable*	Enable* / Disable			
RAW settings	AW settings			
ON* / OF	ON* / OFF			
LLMNR settings	s			
ON* / OF	ON* / OFF			
Gigabit Etherne	et settings			
-	jotiation* / 10 Mbps half duplex / 10 Mbps full duplex / 100 Mbps half duplex / 100 Mbps ex / 1 Gbps full duplex			
Use Dedicated	Port			
ON* / OF	ON* / OFF			
IPP settings				
Enable/c	disable IPP			
	Enable* / Disable			
Security	Security Print			
	Enable* / Disable			
Wi-Fi DRX setti	Vi-Fi DRX settings			
Enable*	Enable* / Disable			
Wired LAN DRX	/ired LAN DRX settings			
Enable*	Enable* / Disable			
Reset SSL certi	Reset SSL certificates			
Reset LAN setti	Reset LAN settings			

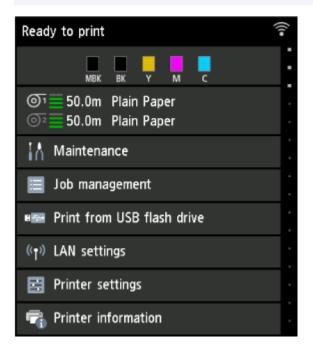
# **Setting Items on Operation Panel**

# >>>> Note

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

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

Setting Administrator Password on Operation Panel









Print from USB flash drive

Printing Data Saved on USB Flash Drive





# Printer settings

- <u>Test print</u>
- Print settings
- LAN settings
- Web service setup
- Paper-related settings
- <u>Auto maintenance settings</u>
- Hard disk settings
- Monitoring service settings
- Other printer settings
- Language selection
- Firmware update
- Security settings
- Import/export settings
  - Migrating Printer's Setting
- Initialize printer settings
  - Initializing Printer's Setting



# Maintenance

This item is displayed on the HOME screen.

#### Nozzle Check

Prints out the nozzle check pattern.

<u>Checking for Nozzle Clogging</u>

#### • Print Head Cleaning

Select this to clean the print head.

Cleaning the Print Head

#### Print Head Alignment

Adjusts the alignment of print head.

- Automatic Adjustment to Straighten Lines and Align Colors
- Manual Adjustment to Straighten Lines and Align Colors

#### Print head angle adjustment

Adjusts the print head angle.

Adjusting Line Misalignment

#### Paper feed adjustment

Sets the paper feed amount.

#### • Set priority

Sets the method of adjusting the paper feed amount.

- Auto

**Prioritize print quality** or **Prioritize length accuracy** is automatically selected depending on the settings selected in the printer driver.

#### - Prioritize print quality

Adjusts the print quality to make the horizontal streaks of the print less noticeable. The setting for **Adjust print quality** is applied. When **Paper feed fine adjustment** is executed, the setting for **Paper feed fine adjustment** is applied in addition to the setting for **Adjust print quality**.

#### Prioritize length accuracy

Adjusts the length of the ruled lines on the printed piece to match. The values for **Change** adjustment values under **Adjust feed length** are applied.

#### • Adjust print quality

Select this when the printed material has different colored horizontal streaks.

- Automatically Adjusting Different Colored Horizontal Streaks
- Manually Adjusting Different Colored Horizontal Streaks

#### • Adjust feed length

Select this to print the exact length of the ruled lines in a CAD drawing.

### Adjusting Line Length

#### Color calibration

Select this to perform the color calibration or check the adjustment information.

Performing Color Calibration

### Maintenance cartridge info

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

Replacing the Maintenance Cartridge

### Head Replacement

Select this to replace the print head.

Replacing the Print Head

### Replace cutter blade unit

Select this to replace the cutter blade.

<u>Replacing the Cutter Blade</u>

### Platen cleaning

Select this to clean inside the top cover.

<u>Cleaning Inside the Top Cover</u>

#### Prepare to move

Select this to prepare for transporting the printer.

➡ Preparing to Transfer the Printer

# Job management

This item is displayed on the HOME screen.

### Print job

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

### Saved job

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

# >>>> Note

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

# Important

• If the **Operation restrictions** are set, an administrator password is required to display or print the job history.

### • Display job history

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

### • Print job history

Prints out the print job history.

#### Pause printing

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

# Delete all print jobs

Deletes all jobs in the job queue.

# LAN settings

This item is displayed on the HOME screen.

# Important

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

### • Wi-Fi

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

Items	Setting	
Connection	Enabled (connected) / Enabled (disconnected) / Disa- ble	
Network name (SSID)	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Frequency	2.4 GHz	
Wi-Fi security	Disable / WPA-PSK (AES) / WPA2-PSK (AES) / WPA3- SAE (AES) / WPA-EAP (AES)* / WPA2-EAP (AES)* / WPA3-EAP (AES)* *Supports IEEE802.1X (EAP-TLS / EAP-TTLS / PEAP)	
Signal strength (%)	XXX	
IPv4 address	XXX. XXX. XXX. XXX	
IPv4 subnet mask	XXX. XXX. XXX. XXX	
IPv4 default gateway	XXX. XXX. XXX. XXX	
IPv4 DNS dynamic settings	Enable / Disable	
IPv4 DNS host name	xxxxxxxxxx	
IPv4 DNS domain name	XXXXXXXXXXX	
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 manual address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 manual prefix length	xxx	
IPv6 stateless address 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 stateless prefix length 1	XXX	
IPv6 stateless address 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 stateless prefix length 2	XXX	
IPv6 stateless address 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	

IPv6 stateless prefix length 3	xxx		
IPv6 stateless address 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 stateless prefix length 4	xxx		
DHCPv6	Enable / Disable		
DHCPv6 stateful address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
DHCPv6 stateful prefix length	XXX		
IPv6 default gateway 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 default gateway 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 default gateway 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 default gateway 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 primary DNS server address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 secondary DNS server add.	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX		
IPv6 DNS dyn. update: manual	Enable / Disable		
IPv6 DNS dyn. update: stateless	Enable / Disable		
IPv6 DNS dyn. update: stateful	Enable / Disable		
IPv6 Use IPv4 host/domain name	Enable / Disable		
IPv6 DNS host name	xxxxxxxxxx		
IPv6 DNS domain name	xxxxxxxxxx		
MAC address	XX:XX:XX:XX:XX		
Printer name	xxxxxxxxxxxxx		
Bonjour service name	XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX		

("XX" represents alphanumeric characters.)

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

• Enable/disable Wi-Fi

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

• Wi-Fi setup

Select how to setup Wi-Fi.

Easy wireless connect

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

### Manual connect

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

#### WPS (Push button method)

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

#### - Other connection types

### 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.

#### Wireless Direct

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

Items	Setting
Connection	Enable / Disable
Network name (SSID)	DIRECT-XXXX-TX-NNNN*1
Password	XXXXXXXXX
Frequency	2.4 GHz
Wi-Fi security	WPA2-PSK (AES)
No. of printers connected now	XX/XX
IPv4 address	XXX. XXX. XXX. XXX
IPv4 subnet mask	XXX. XXX. XXX. XXX
IPv4 default gateway	XXX. XXX. XXX. XXX
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX
MAC address	XX:XX:XX:XX:XX
Printer name	XXXXXXXXXXXXXX
Bonjour service name	XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

\*1 "TX-NNNN" represents the name of your model.

("XX" represents alphanumeric characters.)

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

# • Enable/disable Wireless Direct

Enable the setting to wirelessly connect without wireless router.

### • 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.

### • Connection request confirmation

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

# Wired LAN

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

Items	Setting	
Connection	Enabled (connected) / Enabled (disconnected) / Disa- ble	
IPv4 address	XXX. XXX. XXX. XXX	
IPv4 subnet mask	XXX. XXX. XXX. XXX	
IPv4 default gateway	XXX. XXX. XXX. XXX	
IPv4 DNS dynamic settings	Enable / Disable	
IPv4 DNS host name	xxxxxxxxxx	
IPv4 DNS domain name	XXXXXXXXXXX	
IPv6 link-local address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 manual address	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 manual prefix length	XXX	
IPv6 stateless address 1	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 stateless prefix length 1	xxx	
IPv6 stateless address 2	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 stateless prefix length 2	XXX	
IPv6 stateless address 3	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 stateless prefix length 3	xxx	
IPv6 stateless address 4	XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX	
IPv6 stateless prefix length 4	xxx	
DHCPv6	Enable / Disable	

DHCPv6 stateful address	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
DHCPv6 stateful prefix length	XXX		
IPv6 default gateway 1	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
IPv6 default gateway 2	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
IPv6 default gateway 3	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
IPv6 default gateway 4	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
IPv6 primary DNS server address	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
IPv6 secondary DNS server add.	XXXX: XXXX: XXXX: XXXX:		
	XXXX: XXXX: XXXX: XXXX		
IPv6 DNS dyn. update: manual	Enable / Disable		
IPv6 DNS dyn. update: stateless	Enable / Disable		
IPv6 DNS dyn. update: stateful	Enable / Disable		
IPv6 Use IPv4 host/domain name	Enable / Disable		
IPv6 DNS host name	xxxxxxxxxx		
IPv6 DNS domain name	xxxxxxxxxx		
MAC address	XX:XX:XX:XX:XX		
Printer name	xxxxxxxxxxxxx		
Bonjour service name	xxxxxxxxxx		
	XXXXXXXXXXXX		
	XXXXXXXXXXXX		
	XXXXXXXXXXXX		

("XX" represents alphanumeric characters.)

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

# • Enable/disable Wired LAN

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

#### 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 settings

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 settings

Specifies the timeout length.

### Bonjour settings

Setting items for LAN using Bonjour.

### Enable/disable Bonjour

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

#### Service name

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

The factory default setting is "Canon TX-NNNN" where TX-NNNN is the model name of your printer.

# >>>> Note

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

# • SNTP settings

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

#### Spanning tree settings

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

• LPD settings

Enables/Disables the LPD setting.

### • RAW settings

Enables/Disables RAW printing.

#### • LLMNR settings

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

#### • Gigabit Ethernet settings

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

#### Use Dedicated Port

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

### IPP settings

### Enable/disable IPP

Selecting **Enable** allows you to print over a network using the IPP protocol.

### Security Print

Set to **Enable** to print using the security print function with the IPP protocol, for example with AirPrint.

### • Wi-Fi DRX settings

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

### Wired LAN DRX settings

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

### Reset SSL certificates

Initializes SSL certificate information.

### • Reset LAN settings

Initializes the network settings on the printer.

After resetting, perform setup again as necessary.

#### Print details

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

# Important

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

# >>>> Note

• You can also print LAN settings information by selecting Test print > Print LAN details after

selecting **Printer settings** on the Home Screen.

# Test print

This item is displayed when you select **Printer settings** on the Home screen.

Nozzle Check

Prints out the nozzle check pattern.

- <u>Checking for Nozzle Clogging</u>
- Status print

Prints out the printer status and setting value information.

# >>>> Note

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

Prints out the network setting information.

Printing Network Settings

### Print the print settings

Prints out the print settings list.

· Print advanced paper settings

Prints out the setting values specified by Advanced paper settings.

Print job history

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

Job management

Print menu map

Prints out the menu list.

· Print color list for palettes

Prints out color pallet information.

# **Print settings**

This item is displayed when you select **Printer settings** on the Home screen.

Print head movable width setting

Adjusts the print head movable width.

• Prioritize paper size

This is a setting item for roll paper.

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

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

# >>>> Note

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

### Magnification level for borderless

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

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

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

# PDF print settings

Performs PDF print settings.

# JPEG print settings

Performs JPEG print settings.

• HP-GL/2 print settings

Performs various settings for HP-GL/2 print.

HP-GL/2 Settings

#### Print from USB flash settings

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

# AirPrint print settings

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

### Direct print settings from FTP

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

### Default print settings

Prints out the default values of print settings.

# Print the print settings

Prints out the print settings list.

# Web service setup

This item is displayed when you select **Printer settings** on the Home screen.

# >>>> Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- Web service usage registration / Web service usage cancellation

Registers/cancels usage of your printer device information by cloud services.

# Issue registration code

In order to link the web service and printer, obtain the registration code from the service origin.

### DNS server setup

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

# Proxy server setup

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

# Paper-related settings

This item is displayed when you select **Printer settings** on the Home screen.

#### Roll paper auto feed

Enables/disables feeding roll paper automatically when you load it.

Selecting **Enable** detects the paper edge automatically and paper is loaded automatically only by putting roll paper.

Select **Disable** if you load roll paper manually, or if you have any problem in feeding roll paper automatically.

### Note Note

• Roll paper with a width of less than 250 mm cannot be fed automatically.

Select **Disable** and feed paper manually.

#### Media type selection method

Specifies a method to select the media type when paper is loaded.

#### Manual

You need to select a media type from the registered media types manually.

#### • Auto detect

The media type estimated by the printer's sensor is set automatically.

As the estimation accuracy increases, it will be not necessary to select the media type each time.

#### • Auto with confirmation

Among the media types estimated by the printer's sensor, the most likely ones are listed at the top. You need to select a media type from the listed media types manually.

#### Use current media type

Select this to continue using the same type of paper.

#### >>>> Note

- When using the paper estimation function, the paper width detection function is enabled even if you set **Detect paper width** to **Disable**.
- If this is the first time to use this paper with your printer, or if there is no corresponding media type in the selection history, **No selection log entry** will be displayed.

However, if media types with similar characteristics to the loaded paper are detected, they will be displayed as candidates.

If the displayed candidates are different from the fed paper, or if only **No selection log entry** is displayed, select the media type manually.

At this time, the printer learns the data of the selected media type.

The next time the same paper is loaded, the media type is estimated from this data.

- When using a paper that is not listed in the paper information list, perform **Create Custom Paper** in Media Configuration Tool. After create the paper information, we recommend to perform **Paper feed adjustment**.
- If the created custom paper does not appear as a candidate in the paper information list even if it is fed many times, perform **Paper feed adjustment** again.
- Errors may occur in the estimation results.

#### Manage remaining roll amount

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

#### • Barcodes

Manages remaining roll amount by using a barcode.

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

### • Auto estimate

Estimates and manages the remaining amount of roll paper.

The estimated remaining roll amount is displayed on the HOME screen.

The barcode is not printed when Auto estimate is selected.

To estimate the remaining roll amount, **Paper thickness** and **Paper core outer diameter** have to be set correctly.

When using a paper that is not listed in the paper information list, set Thickness and Paper Tube Size in **Advanced paper settings** or in Media Configuration Tool.

For paper thickness and paper tube outer diameter size, contact the paper manufacturer.

# Important

- If you do not select the media type correctly, the remaining roll amount may not be estimated correctly.
- There is an error in the estimated remaining roll amount, and paper may run out during printing.
- Disable

Select to disable managing remaining roll amount.

#### Roll amount warning settings

Specifies when to warn the remaining roll paper amount.

# >>>> Note

• This setting is enabled when **Barcodes** or **Auto estimate** is selected for **Manage remaining roll amount**.

#### · Switch roll paper when low

Switches the roll paper for printing automatically when the roll is running out while printing is in progress.

• Enable

This setting is enabled when **Barcodes** or **Auto estimate** is selected for **Manage remaining roll amount**.

The roll paper for printing is switched with several rolls remaining.

• Disable

Switches the roll paper for printing by estimating the remaining amount based on the roll amount value you entered.

In addition, if the roll length is not specified properly, paper may remain when switching, or it may have run out while printing is in progress.

### Roll paper auto switching

Enables/Disables switching roll paper feed position by detecting the paper size.

### Detect paper setting mismatch

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

### Paper retention settings

Selects whether to contact the roll nip with the rolls in feeding paper.

- If you select **While feeding**, the roll nip contacts with the rolls and automatic feeding is enabled.
- If you select Release, the roll nip does not contact with the rolls.

If you select **Release**, automatic feed and automatic switching of top and bottom roll paper can not be performed.

Feed paper manually.

#### Paper size recognition settings

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

• Cut sheet setting 1

Select whether ISO A3+ or 13"x19"(Super B) is applied when a sheet of an intermediate size is detected.

• Cut sheet setting 2\*1

Select whether ISO B1 or 28"x40" (ANSI F) is applied when a sheet of an intermediate size is detected.

\*1: Not displayed on TX-2200 and TX-5220.

Roll paper setting 1

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

• Roll paper setting 2

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

• Roll paper setting 3

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

Roll paper setting 4

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

### • Roll paper setting 5

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

### • Roll paper setting 6

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

• Roll paper setting 7

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

#### Adjust roll unit

Select this setting item when you replace the roll unit.

### Keep margin at cut sheet end

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

### Advanced paper settings

Performs advanced paper settings for each media types.

### Print advanced paper settings

Prints out each setting specified in Advanced paper settings.

#### Add priority roll paper width

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

#### Reset all detection priority data

Resets estimated data for all learned paper when **Auto detect** or **Auto with confirmation** is selected in **Media type selection method**.

#### Reset paper settings for all paper

Initializes each setting specified in Advanced paper settings.

Entering the administrator password is required if it is enabled.

# >>>> Important

- The following information is deleted when paper information is reset to the factory defaults.
  - Estimated data for all learned paper when Auto detect or Auto with confirmation is selected in Media type selection method.
  - Media type selection log.

# Auto maintenance settings



This item is displayed when you select **Printer settings** on the Home screen.

# >>>> Important

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

#### Auto nozzle check

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

### Nozzle check error display

Enables/Disables displaying the nozzle check error.

# System Cleaning frequency

Specifies the frequency of automatic system cleaning.

# >>>> Note

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

### Print pattern after new head

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

#### Ink ejection status check

Sets whether to monitor print head ejection status, and to automatically fix issues or to display a warning.

• Auto fix

When a change in the print head ejection status is detected, the head position is automatically fixed. If you want to obtain more precise adjustment results, we recommend setting **Display warning** and performing **Print Head Alignment** when the warning is displayed.

- Automatic Adjustment to Straighten Lines and Align Colors
- Display warning

Displays a notification message on the touch screen when a change in the print head ejection status is detected.

• OFF

Disables automatic detection.

# Important

• Depending on the paper feeding method, **Cutting mode** settings, etc., automatic detection may not be performed.

# Hard disk settings

This item is displayed when you select **Printer settings** on the Home screen.

# >>>> Important

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

### Output method

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

• Print

Performs printing as usual.

• Print (auto delete)

Deletes the data from the printer's hard disk after printing is completed.

Save to job box

Only saves the print job in job box without printing it.

#### Save first and print

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

#### Common job box settings

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

#### • File deletion settings

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

Fast

Erases file management data for print job data stored on the printer's hard disk. Choose this method for relatively fast erasure. Because only the file management data is erased, the print job data itself is not erased.

• Fast secure

Erases the data encryption key specified for the hard disk drive. Specifying the encryption key again does not allow you to read and use data saved in the past safely and fast. Select to erase highly confidential data.

Secure

Overwrites the entire hard disk with 00, FF, and random data (one time each) after the data encryption key specified for the hard disk drive is erased. Verification is performed to check if the data was correctly written. Choose this method to erase especially confidential data. It is virtually

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

### • Secure (VSITR)

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

#### Data deletion

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

Erasing Data on Printer's Hard Disk

# Monitoring service settings



This item is displayed when you select **Printer settings** on the Home screen.

# >>>> Important

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

#### • Enable/disable monitoring service

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

When selecting Enable, perform a communication test.

#### Communication test

Performs a communication test with the service center.

#### Communication log

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

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

#### Main errors and countermeasures

#### Timing for ink level notification

Sets the timing for ink level notification to the local service center.

Selecting Check settings allows you to check the notification timing set for each color.

# Warning notification settings

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

# Other printer settings

This item is displayed when you select

Printer settings on the Home screen.

# >>>> Important

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

# • Energy saving settings

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

# • Auto power off

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

# • Sleep timer

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

# >>>> Note

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

### Use USB connection

Use / Do not use USB connection.

# Date/time settings

Sets the current date and time.

#### Date display format

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

# • Time zone (GMT)

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

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

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

# Length unit settings

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

#### Buzzer settings

The printer beeps once for warnings and 3 times for errors when **Enable** is selected.

### • EOP timer settings

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

# Job history sending settings

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

### Menu row height

Adjusts the line spacing of some setting items displayed on the touch screen.

### Ink level notifications lamp settings

Sets the Status lamp lighting conditions when the remaining ink level is low.

### • Standard

The **Status** lamp lights up when the ink level is low.

### • Slow

The **Status** lamp does not light up when the ink level is low. The **Status** lamp lights up when the ink tank runs out of ink.

# Language selection

This item is displayed when you select **Printer settings** on the Home screen.

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

# >>>> Important

• The administrator password is required to change the settings if it is enabled to change the settings on the operation panel using the administrator password.

# Firmware update

This item is displayed when you select **Printer settings** on the Home screen.

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

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

# >>>> Note

• If LAN is disabled, you cannot use Install update, DNS server setup, Proxy server setup.

### Install update

Updates the printer's firmware.

Firmware update

#### Check current version

You can check the current firmware version.

### Update notification settings

Select Yes to display a notification on the touch screen when a firmware update is available.

#### Show notifications (tool update)

When you select **ON**, a confirmation screen is displayed on the touch panel before running the Firmware Update Tool.

#### DNS server setup

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

#### Proxy server setup

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

# Security settings

This item is displayed when you select **Finter settings** on the Home screen.

# >>>> Important

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

# Administrator password settings

You can specify or disable the administrator password.

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

# Remote UI and other tools

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

# LCD, Remote UI, and other tools

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

For details:

Setting Administrator Password on Operation Panel

# Operation restrictions

Restricts the following operations.

• Job history

Restricts to display or print the print job history.

• Remote UI

Restricts to use Remote UI.

# • Print from USB flash drive

Restricts to print data on USB flash drive.

IPsec settings

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

# IEEE802.1X/EAP settings

Performs various settings for IEEE802.1X/EAP.

# **Printer information**

This item is displayed on the HOME screen.

# System information

Displays printer's system information.

Hard disk information

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

### • Error history

Displays the error history.

### • Hardware error

Displays the hardware error codes (up to 5).

• Recoverable error

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

# • Paper feed/transfer error

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

Selecting an error code displays the error details.

For more on the error code, refer to List of Support Code for Error.

#### • Usage

Displays the actual printer usage, such as the total print area.

# Head information

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

#### Head alignment performance log

Displays the Print head alignment performance log (up to 5).

# Values applied with auto settings

Displays the head height and the vacuum strength of the transport portion in the last print job.

# **Setting Administrator Password on Operation Panel**

The administrator password can be set or canceled.

Specifying the administrator password requires you to enter the password to use the items or change the settings below.

- LAN settings
- Web service setup
- Auto maintenance settings
- Hard disk settings
- Monitoring service settings
- Other printer settings
- Language selection
- Firmware update
- Security settings
- Import/export settings
- Initialize printer settings
- Status print (administrator)

Follow the procedure below to specify the administrator password.

# >>>> Important

• The administrator password is set at time of purchase. The default password is the printer serial number (9 characters) which can be found on the sticker on the printer.



1. Select Printer settings on the HOME screen.

2. Select Security settings.

# 3. Select Administrator password settings.

If you have set an administrator password, enter the password.

# 4. Select Change administrator password.

5. Select the effective range of the administrator password.

#### **Remote UI and other tools**

To change the setting using the remote UI or a certain software, the administrator password needs to be entered.

#### LCD, Remote UI, and other tools

To change the setting using the operation panel of this printer, remote UI or a certain software, the administrator password needs to be entered.

6. Enter new administrator password.



- When changing the password, the character is limited as follows.
  - Set the password using 4 to 32 characters.
  - Single-byte alphanumeric characters, spaces, umlaut characters, and the following symbols are available.

-!@#\$%^&\*\_;:,./`=+'"(){}[]<>|

 From a security point of view, it is recommended to set the password of 8 characters or more in combination of alphanumeric characters.

### 7. Select Apply.

- 8. Enter the administrator password again.
- 9. Select Apply.

The administrator password is available.

# When You Want to Disable the Administrator Password:

# il.

After selecting **Printer settings** on the HOME screen, select **Security settings > Administrator password settings > Remove administrator password**. Select either item and follow the on-screen instructions to perform settings.

# **Erasing Data on Printer's Hard Disk**

## Important

- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- · For a more secure method of preventing data recovery, we recommend physically or magnetically destroying the hard disk. In this case, the hard disk can no longer be used.
- · You cannot erase HDD data if there is a job queue. Additionally, print jobs are not processed while data erasing is in progress.



1. Select Printer settings on HOME screen.

### 2. Select Hard disk settings.

If an administrator password is set, enter the password.

### 3. Select Data deletion.

4. Select erasing method.

#### Fast

Erases file management data for print job data stored on the printer's hard disk. Choose this method for relatively fast erasure. Because only the file management data is erased, the print job data itself is not erased.

#### Fast secure

Erases the data encryption key specified for the hard disk drive. Specifying the encryption key again does not allow you to read and use data saved in the past safely and fast. Select to erase highly confidential data.

#### Secure

Overwrites the entire hard disk with 00, FF, and random data (one time each) after the data encryption key specified for the hard disk drive is erased. Verification is performed to check if the data was correctly written. Choose this method to erase especially confidential data. It is virtually impossible to recover the overwritten data. Conforms to the DoD5220.22-M standard of the U.S. Department of Defense.

#### Secure (VSITR)

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

#### 5. Confirm the message and select Yes.

Data on the hard disk are erased.

# HP-GL/2 Settings

- Menus on HP-GL/2 print settings
- Menu Setting Combinations

# Menus on HP-GL/2 print settings

- Color mode
- Print quality
- Input resolution
- Print target
- Paper src
- Margin
- ► Oversize
- Save paper
- ► Rotate
- Auto rotation
- Enlarge/Reduce
- Print centered
- Cut to standard size
- Use nesting function
- Nesting WaitTime
- Print cut lines
- Mirror
- Merge
- Select palette
- Define palette
- > Pen 0 to Pen 15
- Reset palette
- Smoothing
- Thicken fine lines
- Adjust faint lines
- Width correction

- Print color list for palettes
- Warning display
- Detect image size
- Frame control

# Color mode

Lets you specify the color(s) to use when printing HP-GL/2 data.

Display this item by selecting the following.

## 3

## Printer settings > Print settings > HP-GL/2 print settings > Print quality settings

### Color (perceptual)

• If you select Line drawing for Print target:

Reproduces colors of general images naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

• If you select Photo for Print target:

Reproduces colors of general photos naturally and features smooth gradation. In addition, selecting this setting allows you to adjust colors easily using an application software.

### Color (saturation)

• If you select Line drawing for Print target:

Prints in easy-to-see colors suitable for line drawing.

• If you select Photo for Print target:

Reproduces vivid colors on data such as a poster.

• Color (correct off)

Performs printing without color matching.

- Monochrome
  - If you select Line drawing for Print target:

Select this setting to print a line drawing using black ink.

• If you select Photo for Print target:

Prints color data converting to monochrome. Continuous tones are reproduced using gray halftones.

#### Monochrome BMP

The colors other than white are printed in black.

# Print quality

Lets you specify print quality.

Display this item by selecting the following.

# ìÌÌ

# Printer settings > Print settings > HP-GL/2 print settings > Print quality settings

## • 5 (Fast)

Select this setting for faster printing.

• 4

Printing speed is faster than that in selecting 3.

• 3

Select this setting for standard printing that balances print quality and printing speed.

## • 2

Printing quality is higher than that in selecting 3.

• 1 (High)

Select this setting to give print quality priority.

This causes printing to take longer than other settings, but print quality is higher.

# Input resolution

Specifies the resolution for internal rendering process.

Display this item by selecting the following.



## Printer settings > Print settings > HP-GL/2 print settings > Print quality settings

• 600 dpi

Specifies 600 dpi for internal rendering resolution.

This setting raises the accuracy of internal processes for finer printing.

• 300 dpi

Specifies 300 dpi for internal rendering resolution.

This setting increases the speed of internal processes for faster printing.

# Print target

Specifies the print target of HP-GL/2 data.

Display this item by selecting the following.

# ΪĴ,

## Printer settings > Print settings > HP-GL/2 print settings > Print quality settings

Photo

Select this setting to print a data which includes illustration or photo.

• Line drawing

Select this setting to print a drawing data which includes lines.

Auto select

Select this setting to automatically select the best print target for the paper type.

# Paper src

Specifies the paper type (sheet or roll) for HP-GL/2 data printing.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Paper settings

### Auto select

÷,

Select this setting to automatically select the paper source.

• Roll paper (auto)

Select a roll paper source (upper or lower) automatically.

Roll paper 1

Select this setting to print on the upper roll paper.

Roll paper 2

Select this setting to print on the lower roll paper.

• Manual

Select this setting to print on the sheets.

# Margin

Specifies the margins for HP-GL/2 data printing.

Display this item by selecting the following.



Printer settings > Print settings > HP-GL/2 print settings > Paper settings

## >>>> Note

- If the Leading edge margin (roll) and/or Leading edge margin (sheet) settings on Advanced paper settings are different from the settings here, the larger of the settings is given priority.
- 3mm

Specifies 3 mm margin.

However, the trailing edge margin for cut sheet paper is 20 mm.

• 5mm

Specifies 5 mm margin.

However, the trailing edge margin for cut sheet paper is 20 mm.

# Oversize

Specifies whether margins are within or outside the HP-GL/2 data image drawing range.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Paper settings

### Enable

Specifies margins outside the HP-GL/2 data image drawing range.

Adding margins outside the image drawing range will not cause part of the image to be cut off.

However, you will need to print on paper of a size that is greater than the size of the image drawing range specified by the HP-GL/2 data plus the top, bottom, left, and right margins.

### Disable

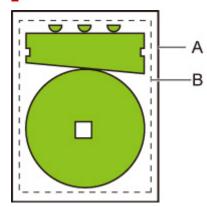
Specifies margins inside the HP-GL/2 data image drawing range.

Depending on the layout, adding margins inside the image drawing range may cause part of the image to be cut off.

### >>>> Note

• Some CAD applications can cause the origin to be out of position and part of the image to be cut off. Experiment with the **Disable** and **Enable** settings of this function to find the one that works best.

## **OVERSIZE SETTING EXAMPLES**



- A. Printed page size
- B. Image drawing range

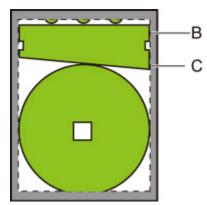
When you print an image above, using **Oversize** allows you to select where to apply margins (outside/ inside the image) based on the image drawing range.

Select Enable to apply margins outside the image, or select Disable to apply those inside.

• When **Disable** is selected:

Printing is performed based on the image drawing range. The origin is specified on the upper left of the paper.

Margins are added to the inside of the image drawing range.



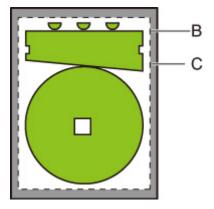
- B. Image drawing range
- C. Margins

If the actual drawing image is smaller than the specified image drawing range, the image is not cut off by the margins.

• When **Enable** is selected:

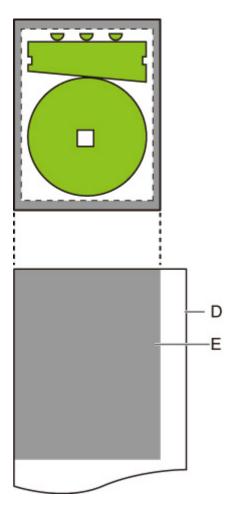
Printing is performed based on the image drawing range. The origin is specified on the upper left of the paper.

Margins are added to the outside of the image drawing range.



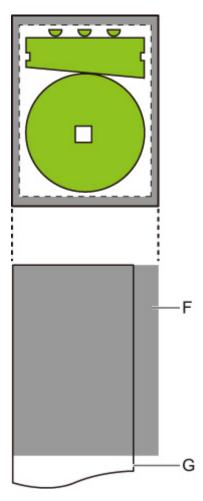
- B. Image drawing range
- C. Margins

When you specify the paper size for printing, select the size which covers both the image drawing range and margins.



- D. Paper for printing
- E. Image drawing range with margins

If you select the paper size which cannot cover the margins, the image may be cut off.



- F. Range which cannot be printed
- G. Paper for printing

# Save paper

When printing on roll paper, eliminates blank space (margins) above and/or below the image (if there is any) to conserve paper.

Display this item by selecting the following.



• ON

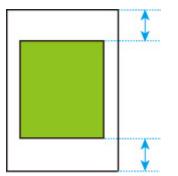
Blank space above and below the image is eliminated when printing.

• OFF

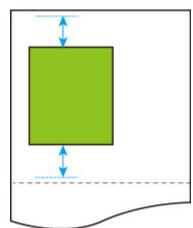
Paper is not conserved.

# **CONSERVE PAPER SETTING EXAMPLES**

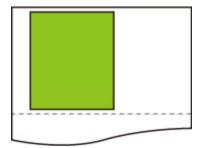
Print data (image drawing range)



• When **OFF** is selected:



• When **ON** is selected:



# Rotate

Rotates the image according to the specified setting.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Paper settings

### • 0 degrees

ţţ

Image is not rotated.

• 90 degrees

Specified image is rotated by 90 degrees.

If the part of rotated image is out of the paper width, the part is not printed.

### >>>> Note

- When the print data includes HP RTL, the HP RTL image part is not rotated.
- If ON is selected for Auto rotation, priority is given to the Auto rotation setting.

# Auto rotation

Printing on paper while **Auto rotation** is set to **ON** causes the image to be rotated automatically in accordance with the most efficient image layout in order to conserve paper and avoid images running off the edges of the paper.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Paper settings

#### • ON

Image is rotated by 90 degrees in the cases described below.

- · When the output page is in portrait orientation and the long side is shorter than the roll paper width
- When the output page is in landscape orientation, and the long side is longer than the paper width and the short side is shorter than the paper width

Even if the long edge and short edge of the output page are both longer than the paper width, and the output page is in landscape orientation, the image is rotated to expand the print range.

### >>>> Note

- The length that the roll paper will be cut to depends on rotation.
- The desired printing results may not be obtained when HP-GL/2 data that does not include image drawing range information is received.

In this case, select Command priority or Detected size for Detect image size.

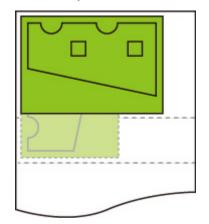
• When the print data includes HP RTL, the HP RTL image part is not rotated.

#### • OFF

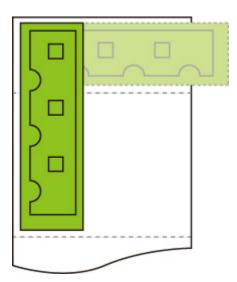
Images are not rotated automatically.

## **AUTO ROTATE EXAMPLES**

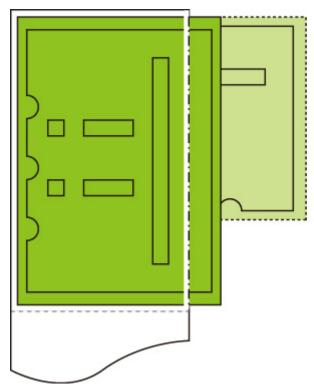
· Efficient layout



• Prevents image from running off edge.



• Even if the image runs off the edge of the paper, it is rotated to expand the print range.



# Enlarge/Reduce

Enlarges or reduces images

Display this item by selecting the following.

# Printer settings > Print settings > HP-GL/2 print settings > Paper settings

### • Fit paper size

Enlarges or reduces the image for printing to fit to the paper loaded in the printer.

### >>>> Note

- Data line widths are not enlarged or reduced.
- Margin widths are not enlarged or reduced. Because of this, paper size scaling and post-processing image scaling may not be the same.
- Nesting cannot be performed while Fit paper size is selected.
- The maximum enlarge/reduce rate for this setting is calculated by (maximum width/1 inch x 100 %). Therefore, the maximum rate is 2400 % for 24 inch model, 3600 % for 36 inch model, and 4400 % for 44 inch model. If the calculation result exceeds the maximum rate, the image is enlarged according to the maximum rate for each model.
- Same size

Image is not enlarged/reduced.

Scaling

Enlarges or reduces the image to the specified scaling value for printing.

Scaling can be specified within a range of 25 % to 400 %.

### >>>> Note

• Data line or margin widths are not enlarged or reduced.

## ENLARGE/REDUCE Scaling SETTING EXAMPLE

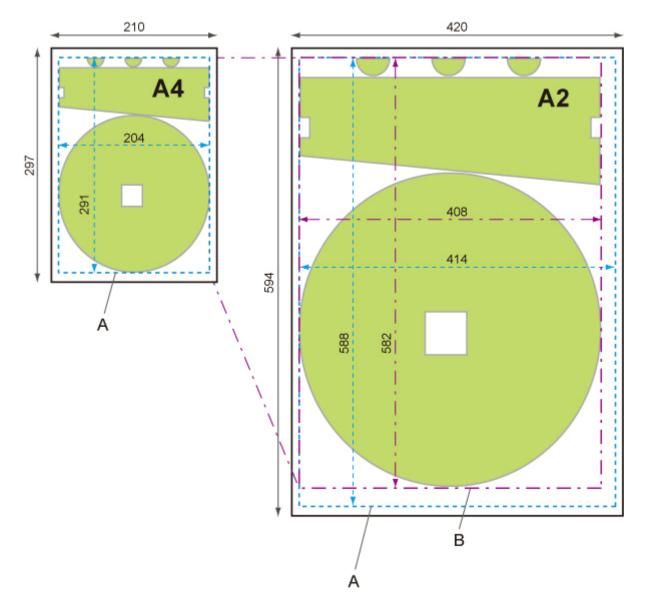
The output object area is enlarged or reduced as specified by the **Scaling** setting. The origin is in the upper-left corner.

For example, doubling the length and width of A4 size paper results in A2 size paper.

If there are margins of 3 mm, the A4 size output object area measures 291 mm x 204 mm.

Specify a value of 200% for the **Scaling** setting to produce a post-processing size of 582 mm x 408 mm.

(Note that ambient conditions may cause paper to expand and contract.)



- A. Output object area
- B. 200% post-processing size

## ENLARGE/REDUCE Fit paper size SETTING EXAMPLE

**Fit paper size** expands or reduces the long side of the print data's output object area so it matches the long side of the output page size output object area. The origin is in the upper-left corner.

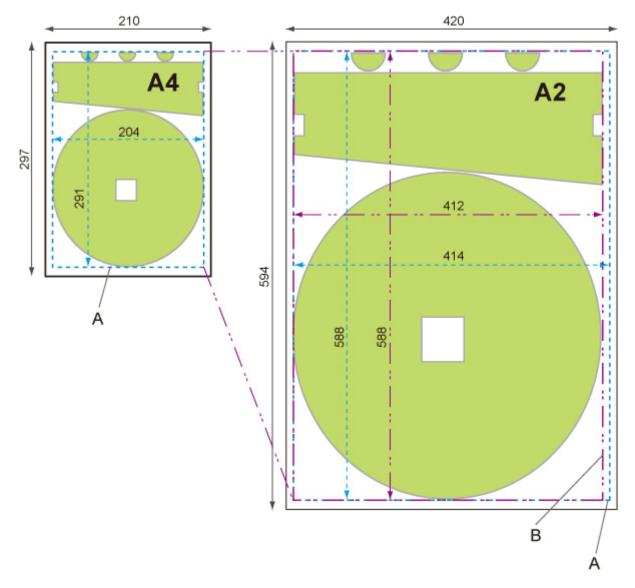
Margin widths are not enlarged or reduced. Because of this, paper size scaling and post-processing image scaling may not be the same.

For example, doubling the length and width of A4 size paper results in A2 size paper.

If there are margins of 3 mm, the A4 size output object area measures 291 mm x 204 mm.

Specifying Fit paper size will result in a post-processing size of approximately 588 mm x 412 mm.

(Note that ambient conditions may cause paper to expand and contract.)



- A. Output object area
- B. Fit to long side post-processing size

# **Print centered**

Prints the output object area in the center of the paper.

Display this item by selecting the following.

# Brinter est

### Printer settings > Print settings > HP-GL/2 print settings > Paper settings

### • ON

· For cut sheet paper

Prints the output object area in the center of the paper.

• For roll paper

Prints the output object area in the horizontal center of the paper.

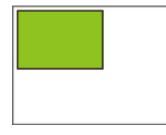


- The output object area is not printed in the center when the paper size is smaller than the output page size.
- Nesting cannot be performed while **ON** is selected.
- OFF

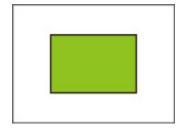
The output object area is not printed in the center of the paper.

# PRINT CENTERED EXAMPLES

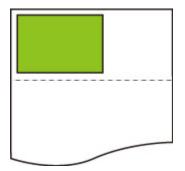
• OFF is selected when printing on sheet



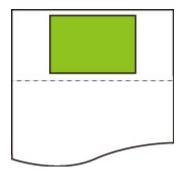
• ON is selected when printing on sheet



• OFF is selected when printing on roll



• ON is selected when printing on roll



# Cut to standard size

Specifies standard size as the output page size when printing on roll paper.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Paper settings

#### • ON

Cuts to standard size in accordance with the roll paper width.

When there are two lengths/widths applicable for a given roll paper width, the optimum size is selected automatically.

### >>>> Note

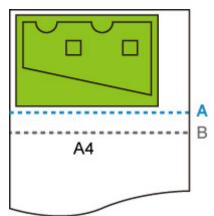
- Nesting cannot be performed while **ON** is selected.
- If **ON** is selected for **Save paper** and there is blank space above/below the image, the size will not be standard size.
- When **ON** is selected for **Print centered**, printing will be in the center of the standard size.
- If there is no standard size corresponding to the roll paper width, operation is the same as if **OFF** is selected. No message is displayed.
- For information about supported standard sizes, see Standard Size Table.

### • OFF

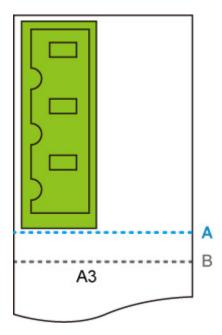
Cutting according to standard size is not performed.

# STANDARD CUT EXAMPLES

• A3-size width roll paper



- A. Position of cut when OFF
- B. Position of cut when ON
- A3-size width roll paper



- A. Position of cut when OFF
- B. Position of cut when **ON**

# Standard Size Table

The table below shows the standard sizes supported by Cut to standard size.

For details on the page size supported by your printer, refer to Paper Sizes.

Roll paper width	Standard Size (Landscape)		Standard Size (Portrait)	
841.0 mm	<b>A1</b> (841.0 mm x 594.0 mm)		<b>A0</b> (841.0 mm x 1189.0 mm)	
594.0 mm	<b>A2</b> (594.0 mm x 420.0 mm)		<b>A1</b> (594.0 mm x 841.0 mm)	
420.0 mm	<b>A3</b> (420.0 mm x 297.0 mm)		<b>A2</b> (420.0 mm x 594.0 mm)	
329.0 mm	_		<b>A3+</b> (329.0 mm x 483.0 mm)	
297.0 mm	<b>A4</b> (297.0 mm x 210.0 mm)		<b>A3</b> (297.0 mm x 420.0 mm)	
210.0 mm	-		<b>A4</b> (210.0 mm x 297.0 mm)	
Roll paper width	Standard Size (Landscape)	Sta	ndard Size (Portrait)	
1000.0 mm	<b>ISO B1</b> (1000.0 mm x 707.0 mm)	ISO	<b>B0</b> (1000.0 mm x 1414.0 mm)	
707.0 mm	<b>ISO B2</b> (707.0 mm x 500.0 mm)	ISO B1 (707.0 mm x 1000.0 mm)		
500.0 mm	ISO B3 (500.0 mm x 353.0 mm)	<b>ISO B2</b> (500.0 mm x 707.0 mm)		
250.0 mm	-	<b>ISO B4</b> (250.0 mm x 353.0 mm)		
Roll paper width	Standard Size (Landscape)	Standard Size (Portrait)		
1030.0 mm	JIS B1 (1030.0 mm x 728.0 mm)	<b>JIS B0</b> (1030.0 mm x 1456.0 mm)		
728.0 mm	<b>JIS B2</b> (728.0 mm x 515.0 mm)	JIS B1 (728.0 mm x 1030.0 mm)		
515.0 mm	<b>JIS B3</b> (515.0 mm x 364.0 mm)	<b>JIS B2</b> (515.0 mm x 728.0 mm)		
364.0 mm	<b>JIS B4</b> (364.0 mm x 257.0 mm)	<b>JIS B3</b> (364.0 mm x 515.0 mm)		
257.0 mm	_	JIS	<b>B4</b> (257.0 mm x 364.0 mm)	
Roll paper width	Standard Size (Landscape)	Sta	ndard Size (Portrait)	
1117.6 mm	<b>ANSI E</b> (1117.6 mm x 863.6 mm)	-		
863.6 mm	ANSI D (863.6 mm x 558.8 mm)	ANSI E (863.6 mm x 1117.6 mm)		
711.2 mm	-	ANSI F1 (711.2 mm x 1016.0 mm)		
558.8 mm	<b>ANSI C</b> (558.8 mm x 431.8 mm)	ANSI D (558.8 mm x 863.6 mm)		
431.8 mm	Ledger (431.8 mm x 279.4 mm)	ANSI C (431.8 mm x 558.8 mm)		
279.4 mm	Letter (279.4 mm x 215.9 mm)	Ledger (279.4 mm x 431.8 mm)		
215.9 mm	_	Letter (215.9 mm x 279.4 mm)		
355.6 mm	<b>Legal</b> (355.6 mm x 215.9 mm)	-		
Roll paper width	Standard Size (Landscape)	Stan	dard Size (Portrait)	
914.4 mm	<b>ARCH D</b> (914.4 mm x 609.6 mm)	<b>ARCH E</b> (914.4 mm x 1219.2 mm)		
762.0 mm -	-	<b>ARCH E1</b> (762.0 mm x 1066.8 mm)		
660.4 mm -	_	ARC	<b>H E2</b> (660.4 mm x 965.2 mm)	

685.8 mm	-	ARCH E3 (685.8 mm x 990.6 mm)	
609.6 mm	<b>ARCH C</b> (609.6 mm x 457.2 mm)	<b>ARCH D</b> (609.6 mm x 914.4 mm)	
457.2 mm	<b>ARCH B</b> (457.2 mm x 304.8 mm)	<b>ARCH C</b> (457.2 mm x 609.6 mm)	
304.8 mm	<b>ARCH A</b> (304.8 mm x 228.6 mm)	<b>ARCH B</b> (304.8 mm x 457.2 mm)	
228.6 mm	-	<b>ARCH A</b> (228.6 mm x 304.8 mm)	
Roll paper width	Standard Size (Landscape)	Standard Size (Portrait)	
917.0 mm	<b>DIN C1</b> (917.0 mm x 648.0 mm)	<b>DIN C0</b> (917.0 mm x 1297.0 mm)	
917.0 mm	DIN C1 (917.0 mm x 648.0 mm)	<b>DIN C0</b> (917.0 mm x 1297.0 mm)	
917.0 mm 648.0 mm	DIN C1 (917.0 mm x 648.0 mm)           DIN C2 (648.0 mm x 458.0 mm)	DIN C0 (917.0 mm x 1297.0 mm) DIN C1 (648.0 mm x 917.0 mm)	

# Use nesting function

When printing on roll paper, this function can be used to print multiple pages sequentially across the side of the paper.

Display this item by selecting the following.

### Printer settings > Print settings > HP-GL/2 print settings > Paper settings > Nesting

#### Enable

Print data is temporarily stored as a nesting wait page, and printed in a layout that arranges the pages so they fill the width of the roll paper. Pages are aligned in the sequence they are received.

Up to 24 pages can be aligned across the paper. Pages are laid out in the next line from the 25th page.

Cutting is performed in accordance with the longest page among the aligned pages.

### Note

• The desired printing results may not be obtained when HP-GL/2 data that does not include image drawing range information is received.

In this case, select Command priority or Detected size for Detect image size.

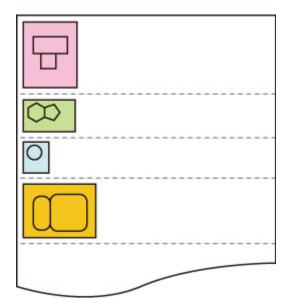
- When the printer is being used in a network environment, nesting can be performed on HP-GL/2 data from multiple users.
- Nesting cannot be performed while any of the items below are specified.
  - When Fit paper size is selected for Enlarge/Reduce
  - When ON is selected for Print centered
  - When ON is selected for Cut to standard size
- In the cases below, printing starts even if the nesting wait page does not fill the entire width of the roll paper.
  - When data other than HP-GL/2 or HP RTL data is received.
  - When data which you will print on paper other than a roll is received.
    - When the printer is being used in a network environment, the above types of data may be sent from another user and preempt other jobs in the print queue.
  - When the wait time specified by **Nesting WaitTime** elapses.
  - During nesting wait, when **Start print** is selected on the touch screen and then selecting **OK**.
  - When data with different print settings is received.

#### Disable

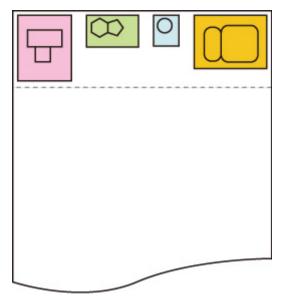
Nesting is not performed.

## **NESTING EXAMPLE**

• When **Disable** is selected:



• When **Enable** is selected:



# Nesting WaitTime

Can be used to set the wait time until printing starts after nesting wait page receipt is paused.

Time can be specified in the range of 1 to 99 minutes.

The wait time is counted from the point the last page was completed, and counted from the beginning every time new nesting job is received.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Paper settings > Nesting

# Print cut lines

Prints cut lines to separate nested data.

Display this item by selecting the following.

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Printer settings > Print settings > HP-GL/2 print settings > Paper settings > Nesting

### • Enable

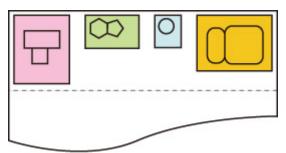
Cut lines that separate pages are printed.

Disable

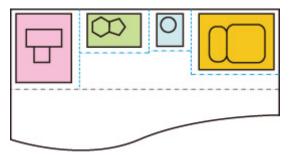
Cut lines are not printed.

# CUT LINES EXAMPLE

• When **Disable** is selected:



• When **Enable** is selected:



# Mirror

Flip the image horizontally and print.

Display this item by selecting the following.

Printer settings > Print settings > HP-GL/2 print settings > Paper settings

• ON

Flip the image horizontally and print.

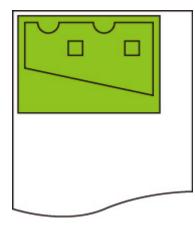
Depending on the paper to be printed, the position where the horizontally flipped image is printed varies.

• OFF

Horizontal flip of the image is not performed.

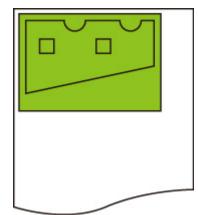
## HORIZONTAL FLIP (MIRROR) EXAMPLE

• When **OFF** is selected when printing on roll paper:

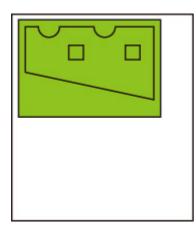


• When **ON** is selected when printing on roll paper:

Do not move the position to print the image on the paper, flip the image horizontally.

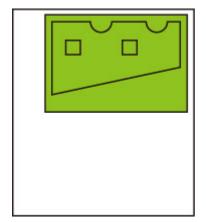


• When **OFF** is selected when printing on cut paper or roll paper cut to standard size:



• When **ON** is selected when printing on cut paper or roll paper cut to standard size:

Flip the image horizontally for each position where you print the image on the paper.



# Merge

Specifies how colors should be processed when lines overlap.

Display this item by selecting the following.



Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager

### >>>> Note

- The data is given priority when a specification command is included in the HP-GL/2 data.
- If the HP-GL/2 data does not include a specification command, the operation is performed using the specified selection value.
- ON

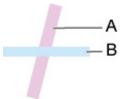
The section where lines overlap becomes the mixed color of the intersecting lines.

• OFF

The section where lines overlap becomes the same color as one of the intersecting lines.

# ENABLE MERGE EXAMPLE

• When **OFF** is selected:



- A. Data drawn previously
- B. Data drawn later than A
- When **ON** is selected:



### Select palette

Selects a palette to use when printing HP-GL/2 data.

According to the setting of the selected palette, the line width, line color, and line attributes are specified.

Display this item by selecting the following.



#### Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager > Pen setup

Software

Performs printing with the setting of HP-GL/2 data.

Palette A

Performs printing with the setting of Palette A.

Palette B

Performs printing with the setting of Palette B.

Default

Performs printing with the predefined settings.

#### >>>> Note

- When you select a palette other than **Software**, the printer performs printing with the pen setting of the specified palette even if the image data has the pen setting.
- Palette A and Palette B have the same settings as Default in the initial state.

### Define palette

Specifies each pen setting in Palette A and Palette B.

The pen setting in **Default** cannot be changed.

Display this item by selecting the following.

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Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager > Pen setup

#### Palette A

Specifies the line width, line color, and line attributes from **Pen 0** to **Pen 15**. Each initial pen setting in **Palette A** is same setting as **Default**.

Palette B

Specifies the line width, line color, and line attributes from **Pen 0** to **Pen 15**. Each initial pen setting in **Palette B** is same setting as **Default**.

Default

Performs printing with the predefined settings (line width/line color/line attributes). The pen setting cannot be changed.

### Pen 0 to Pen 15

Specifies **Width**, **Color**, and **Line attributes** settings for each of the 16 pens (numbered 0 to 15) that make up each palette.

Display this item by selecting the following.



Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager > Pen setup > Define palette > Palette A or Palette B

• Width

Specifies the line width as one of the values below.

0.04mm/0.08mm/0.13mm/0.18mm/0.25mm/0.35mm

0.50mm/0.65mm/0.70mm/0.80mm/0.90mm/1.0mm

1.4mm/2.0mm/3.0mm/5.0mm/8.0mm/12.0mm

Color

Specifies the line color from the color palette number from 0 to 255 indicated by the color sample printed with **Print color list for palettes**.

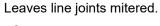
Line attributes

Specifies line cap and joint attributes.

• No setting

Leaves line caps unchanged.







Circle settings

Rounds line caps and line joints.



### **Reset palette**

Resets palette pen parameters configured using Define palette.

This setting item sets the palette pen parameters back to the default.

Display this item by selecting the following.



Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager > Pen setup

All palettes

Resets all palette pen parameters.

Palette A

Resets Palette A pen parameters.

Palette B

Resets Palette B pen parameters.

### PALETTE DEFAULTS

Palette defaults are the same settings as **Default** in the initial state.

Pen number	Line Width (mm)	Colors (R, G, B)	Line Attributes	Тір	Connecting Line
0	0.13	0 (255, 255, 255)	Rounds	Rounds	Rounds
1	0.18	1 (0, 0, 0)	Rounds	Rounds	Rounds
2	0.25	2 (255, 0, 0)	Rounds	Rounds	Rounds
3	0.35	3 (0, 255, 0)	Rounds	Rounds	Rounds
4	0.50	4 (255, 255, 0)	No setting	No setting	Miter
5	0.65	5 (0, 0, 255)	No setting	No setting	Miter
6	0.70	6 (255, 0, 255)	No setting	No setting	Miter
7	0.80	7 (0, 255, 255)	No setting	No setting	Miter
8	0.90	8 (233, 233, 233)	No setting	No setting	Miter
9	1.0	12 (127, 127, 127)	No setting	No setting	Miter
10	1.4	19 (255, 214, 0)	No setting	No setting	Miter
11	2.0	27 (0, 255, 214)	No setting	No setting	Miter
12	3.0	35 (214, 0, 255)	No setting	No setting	Miter
13	5.0	68 (205, 205, 0)	No setting	No setting	Miter

14	8.0	100 (0, 168, 168)	No setting	No setting	Miter
15	12.0	110 (168, 0, 115)	No setting	No setting	Miter

### Smoothing

Makes arc drawing smoother.

Display this item by selecting the following.

Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager

#### Software

Draws arcs using HP-GL/2 data settings.

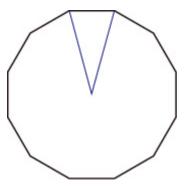
Default value of the central angle of an arc in HP-GL/2 is 5° (Regular 72-sided polygon) if the angle is not specified using a HP-GL/2 command.

#### Smoothing

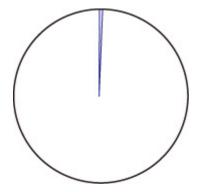
Draws curves that are smoother than arcs with a central angle of 1°.

#### **SMOOTHING EXAMPLES**

• When **Software** is selected:



• When Smoothing is selected:



### Thicken fine lines

Performs correction to avoid breaks in fine lines.

Display this item by selecting the following.

ΪĴ,

### Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager

• ON

Corrects line widths so fine lines are drawn more sharply, without breaking.

The line color is not changed.

• OFF

Thin lines are not corrected.

Some line thicknesses may cause them to become broken.

### Adjust faint lines

Performs correction so that bright colored fine lines are printed more clearly.

Display this item by selecting the following.



### Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager

• ON

Adjusts the colors of brightly colored fine lines so they are drawn more clearly.

• OFF

Fine lines are not corrected.

### Width correction

Corrects pen widths in accordance with a specific correction setting. Correction settings can be configured for two groups: **Black/gray** and **Color**.

Select and apply the correction amount according to the pen color when performing a line drawing command of HP-GL/2 data.

Display this item by selecting the following.

#### Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager

#### Note

- This setting is not applied for the white pen, which has the same RGB values (255).
- This setting is applied to vector data line widths.
- When this setting is a minus value, it is not applied to fine lines of widths that are less than the minimum line width of the printer.
- If the setting value is smaller than 1 dot, the value of 1 dot width is applied.
- When **ON** is selected for **Thicken fine lines**, the resulting line may be thicker than the specified setting.
- Black/gray

For configuring the correction setting of black and gray line widths.

A value within the range of -20 to +20 can be specified. 1 unit of the correction value is equivalent to 0.025 mm.

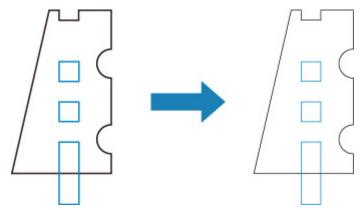
Color

For configuring the correction setting of color line widths.

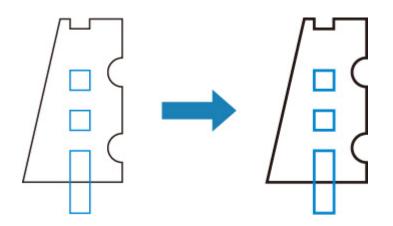
A value within the range of -20 to +20 can be specified. 1 unit of the correction value is equivalent to 0.025 mm.

#### LINE WIDTH CORRECTION EXAMPLE

• Negative (-) setting



• Positive (+) setting

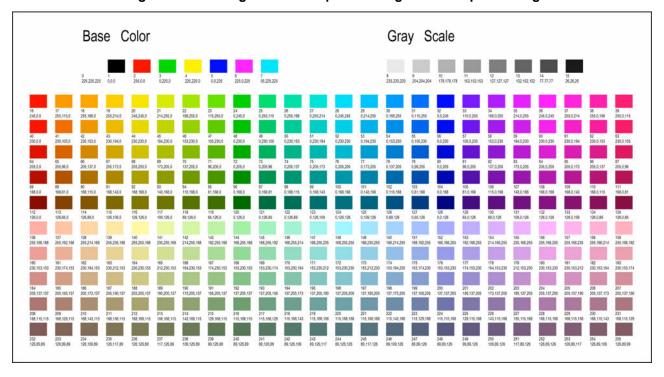


### Print color list for palettes

Prints out the color sample (256 colors) of the the color palette number specified in each pen number. The coloring also changes depending on the paper type to be printed.

Display this item by selecting the following.

## Printer settings > Print settings > HP-GL/2 print settings > Line & pen manager



### Warning display

Displays HP-GL/2 warnings.

The display is switched when two GL/2 warnings below occur.

- Warnings when the printer's parameter setting specification does not support the parameter settings of created HP-GL/2 data
- HP-GL/2 warning commands when the printer does not support the created HP-GL/2 data

Display this item by selecting the following.

#### Printer settings > Print settings > HP-GL/2 print settings > Processing options

#### >>>> Note

- Warning is always displayed when one of the errors below occurs regardless of the setting.
  - When virtual GL/2 memory exceeds acceptable level
  - When GL/2 display list memory is insufficient
  - When the number of polygon vertexes which GL/2 data has exceeds acceptable level
- · Warning is always displayed on the status monitor or Remote UI regardless of the setting.

#### Enable

Displays specific GL/2 warning on the touch screen.

Disable

Does not display specific GL/2 warning on the touch screen.

### Detect image size

Specifies the output object area method that provides efficient printing, which avoids parts of images being cut off when HP-GL/2 data does not include image drawing range information.

Display this item by selecting the following.

#### Printer settings > Print settings > HP-GL/2 print settings > Processing options

#### • OFF

• If image drawing range information is included in HP-GL/2 data:

The output object area is in accordance with the image drawing range information.

The origin specified by the image drawing range information is drawn in the upper-left corner of the paper.

• If image drawing range information is not included in HP-GL/2 data:

The output object area uses the printer's maximum roll paper width as the horizontal dimension and 1.5 times the maximum roll paper width as the vertical dimension.

Even though the particular page included in multiple pages does not contain a command which specifies the image drawing range, note that the image drawing range specified for the just previous page is applied if previous pages contain the command.

#### Command priority

• If image drawing range information is included in HP-GL/2 data:

The output object area is in accordance with the image drawing range information.

The origin specified by the image drawing range information is drawn in the upper-left corner of the paper.

• If image drawing range information is not included in HP-GL/2 data:

Applies the minimum image range detected as the output object area.

The upper left corner of the detected minimum image range is drawn in the upper left corner of the paper.

#### Detected size

Applies the minimum image range detected as the output object area.

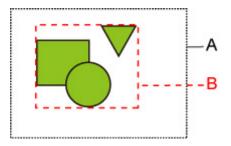
Image drawing range information included in HP-GL/2 data is not used.

The upper left corner of the detected minimum image range is drawn in the upper left corner of the paper.

#### >>>> Note

• If part of an image is being cut off or if an image is out of alignment, try using each of the settings in the following sequence: **OFF**, **Command priority**, **Detected size**.

#### DETECT IMAGE SIZE EXAMPLE



- A. Image drawing range specified by the command
- B. Graphic data range

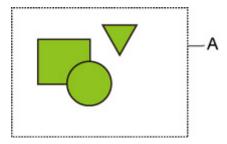
Though the image drawing range is specified for this kind of drawing image above, the part of the image may be cut off if you do not specify the image drawing range.

Select **Detected size** if the image drawing range is not specified.

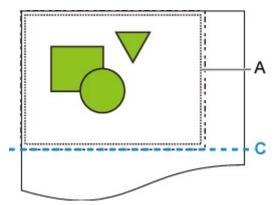
This section describes **Detect image size** settings and printed images for when the drawing range is set or not set.

- When the image drawing range is specified:
  - When **OFF** or **Command priority** is selected:

The printing area is specified based on the image drawing range. The origin is specified on the upper left of the paper.



The figure below shows the printed image.



- A. Image drawing range specified by the command
- C. Paper cut position
- When Detected size is selected:

The graphic data is detected for printing without using the image drawing range.

The printed image is the same as "<u>When **Detected size** is selected:</u>" on "When the image drawing range is not specified:".

- When the image drawing range is not specified:
  - When **OFF** is selected:

The maximum roll paper width is applied as the width of printed area, and the 1.5 times of the maximum roll paper width is applied as the length of it. The paper cut position is specified outside of the printed area.

• When Command priority is selected:

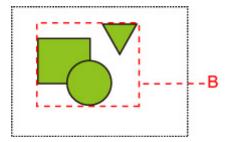
Since the minimum image area is applied as the printed area, the result is the same as when **Detected size** is selected.

The printed image is the same as "When Detected size is selected:".

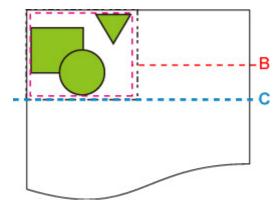
• When Detected size is selected:

The minimum image range including images is detected based on image data in HP-GL2 data.

In addition, if the image drawing range is not specified by **Command priority**, the minimum image range including images is detected, as the area cannot be specified.



The figure below shows the printing image.



- B. Graphic data range
- C. Paper cut position

### Frame control

Perform this setting to print the HP-GL/2 data including the FR command.

Display this item by selecting the following.

### iii

#### Printer settings > Print settings > HP-GL/2 print settings > Processing options

#### • Enable

Images are printed side by side on the same page.

#### >>>> Note

- If **Enable** is selected, the image size detection is not performed.
- Disable

Each image is printed on every single page.

### **Menu Setting Combinations**

- Save paper and Auto rotation
- > Enlarge/Reduce (Scaling) and Auto rotation
- > Print centered and Cut to standard size
- > Cut to standard size and Auto rotation and Enlarge/Reduce (Fit paper size)
- Use nesting function and Auto rotation
- > Paper switching on a DOUBLE-roll printer model and Auto rotation
- Paper switching on a DOUBLE-roll printer model and Enlarge/Reduce (Specify scaling)
- > Detect image size and Oversize
- Detect image size and Print centered

### Save paper and Auto rotation

When **Save paper** and **Auto rotation** are both specified, **Auto rotation** is performed first, followed by the **Save paper** process.

After **Auto rotation** is applied to the print data, the image is printed with upper and lower blank areas removed.

### Save paper AND Auto rotation EXAMPLE

#### Print data (image drawing range)

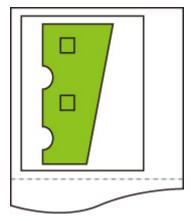
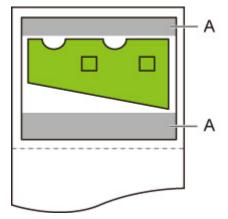
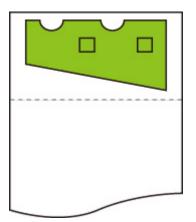


Image after auto rotation



A. Blank area

Printed image



Printed without upper/lower blank area.

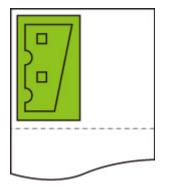
### Enlarge/Reduce (Scaling) and Auto rotation

When both **Enlarge/Reduce** (Scaling) and **Auto rotation** are specified, **Enlarge/Reduce** (Scaling) is done first and then **Auto rotation** is done to determine if printing is possible.

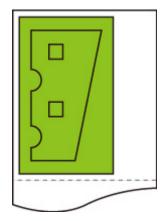
Printing is done without **Auto rotation** if the size of the image after doing **Enlarge/Reduce** (**Scaling**) would cause the image to run off the edge of the paper were **Auto rotation** executed.

### Enlarge/Reduce (Scaling) AND Auto rotation EXAMPLE

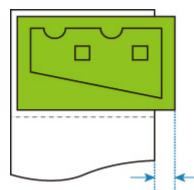
#### Print data (image drawing range)



• Printed image with Enlarge/Reduce (Scaling) only.



• Printed image when the image runs off the edge of paper.



Auto rotation is not performed.

### Print centered and Cut to standard size

When both **Print centered** and **Cut to standard size** are specified, first the optimum standard size is determined based on the HP-GL/2 data and the roll paper loaded on the printer.

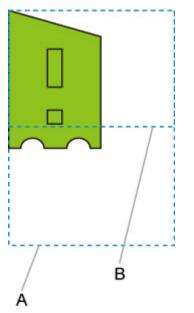
Next, **Print centered** is performed in accordance with the standard size.

### Print centered AND Cut to standard size EXAMPLE

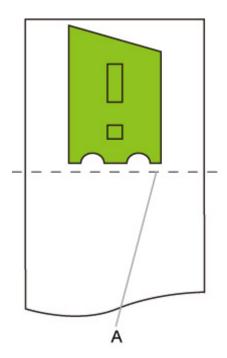
When A3 width roll paper is loaded, A3 portrait is chosen as the optimal standard size based on the roll paper width and image size.

Next, Print centered is performed in accordance with the A3 portrait.

#### Print data (image drawing range)

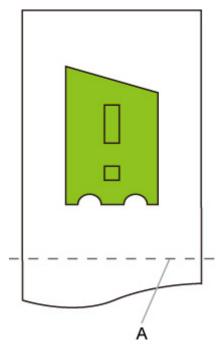


- A. Virtual area for A3 size (portrait)
- B. Virtual area for A4 size (landscape)
- Printed image when ON is selected for Print centered and OFF is selected for Cut to standard size



A. Position of cut

• Printed image when ON is selected for Print centered and ON is selected for Cut to standard size



A. Position of cut for A3 size (portrait)

# Cut to standard size and Auto rotation and Enlarge/Reduce (Fit paper size)

When **Cut** to standard size, **Auto rotation**, and **Enlarge/Reduce** (**Fit paper size**) are all specified, first suitable standard size candidates are determined based on the roll paper loaded on the printer.

Next, it decides the optimum standard size and rotation direction from the matching result between the data to which **Auto rotation** is applied and all candidate sizes.

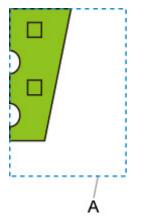
Finally, Enlarge/Reduce (Fit paper size) process is performed according to the decided standard size.

### SMALL IMAGE EXAMPLE

When A3 width roll paper is loaded, A4 landscape is chosen as the optimal standard size based on the roll paper width and image size.

Next, **Auto rotation** is performed in accordance with the A4 landscape. Finally, the image is enlarged and printed to match A4 size paper.

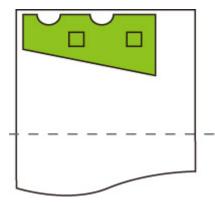
#### Print data (image drawing range)



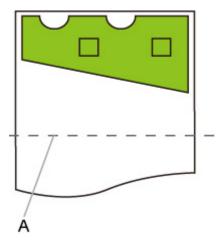
A. Virtual area for A4 size

Since the image fits on A4 size paper, A4 landscape is chosen as the standard size.

• Image after auto rotation



• Printed image after fit to paper



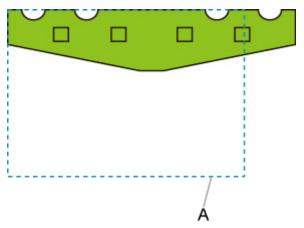
A. Position of cut for A4 size

### LARGE IMAGE EXAMPLE

When A3 width roll paper is loaded, A3 portrait is chosen as the optimal standard size based on the roll paper width and image size.

Next, **Auto rotation** is performed in accordance with the A3 portrait. Finally, the image is reduced and printed to match A3 size paper.

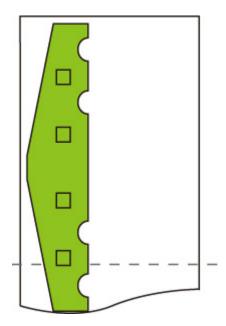
#### Print data (image drawing range)



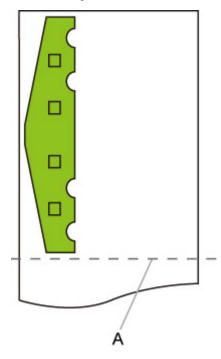
A. Virtual area for A3 size

Since the image does not fit on A3 size paper, A3 portrait is chosen as the maximum standard size.

• Image after auto rotation



• Printed image after reduced



A. Position of cut for A3 size

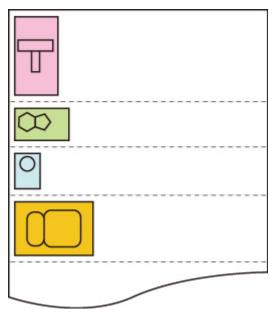
### Use nesting function and Auto rotation

When both **Use nesting function** and **Auto rotation** are specified, **Auto rotation** is performed as each page is received and then the nesting process is performed.

The image on each received page is rotated as required to achieve an efficient layout that conserves paper or to prevent the image from running off the edges of the paper, the images are laid out to fill the width of the roll paper, and then printing is performed.

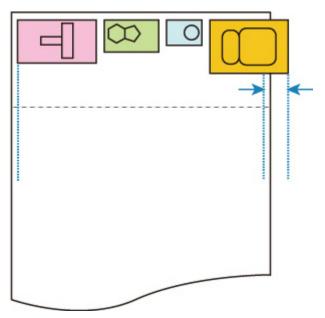
### Use nesting function AND Auto rotation EXAMPLE

#### Print data (image drawing range)

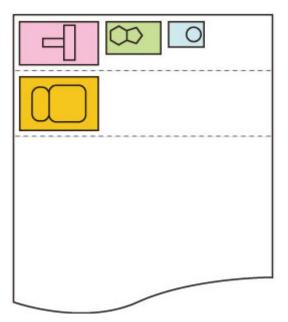


The printing data images above are rotated for better paper usage (auto rotation).

The images above are positioned as shown below.



If an image is running off the edge of the paper as shown above, the subsequent images are printed on the next sheet.



## Paper switching on a DOUBLE-roll printer model and Auto rotation

When **ON** is selected for **Auto rotation**, first a decision is made about performing **Auto rotation** and the paper with less margin in the width direction is selected and starts printing.

At this point, it is decided whether to apply **Auto rotation** and then the paper source is selected considering the condition such as whether the image is cut off or not, margin of paper width, and paper consumption.

This function is available when the paper settings of the printer are specified.

- Both upper and lower roll paper loaded, with paper fed from the upper roll.
- Identify size is selected for Printer settings > Paper-related settings > Roll paper auto switching.
- Auto select is selected for Printer settings > Print settings > HP-GL/2 print settings > Paper settings > Paper src.

When the output page is in portrait orientation, image rotation is done first to save paper.

For a rotated image that is in landscape orientation, either the upper or lower paper roll is selected for printing based on which roll results in the narrower side margins.

## EXAMPLE OF PAPER SWITCHING ON A DOUBLE-ROLL PRINTER MODEL AND Auto rotation

#### Print data (image drawing range)

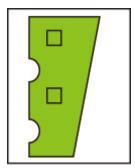


Image after auto rotation

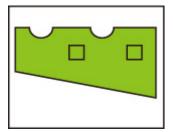


Image printed on upper roll paper already fed (Not printed)

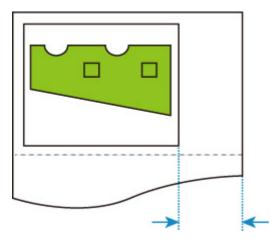
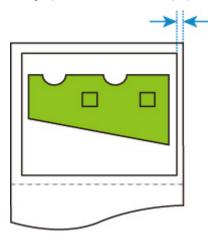


Image printed on lower roll paper already fed (Actually printed)



If the lower roll of paper has smaller margins than the upper roll of paper, from which the paper has been fed, then paper is switched automatically, and the image is printed on the lower roll paper.

### Paper switching on a DOUBLE-roll printer model and Enlarge/ Reduce (Specify scaling)

The example below shows printing when **Enlarge/Reduce** (Specify scaling) is specified on a double-roll printer model.

This function is available when the paper settings of the printer are specified.

- Different size of roll paper is loaded on the upper/lower roll, with paper source switching enabled.
- Identify size is selected for Frinter settings > Paper-related settings > Roll paper auto switching.
- Auto select is selected for Printer settings > Print settings > HP-GL/2 print settings > Paper settings > Paper src.

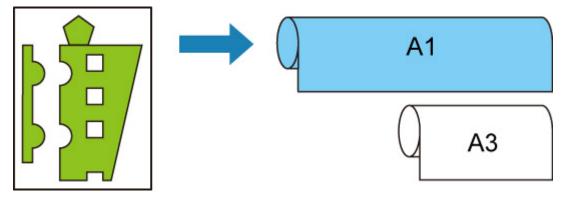
#### EXAMPLE OF PAPER SWITCHING ON A DOUBLE-ROLL PRINTER MODEL AND Enlarge/Reduce (Specify scaling)

#### A4 size image



First, the image is enlarged and then the paper that can be used for printing the enlarged image is selected.

#### A4 size image enlarged by 160 %



When the A1 width roll paper is loaded on the upper roll, A3 width roll paper on the lower, and the paper source can be switched, and when an A4 size image is enlarged by 160 % specified in **Scaling** on **Enlarge/Reduce**, the A1 width roll paper is selected, as the image width exceeds that of A3.

### Detect image size and Oversize

Operation is as described below when both Detect image size and Oversize are specified.

• When OFF or Command priority is selected for Detect image size and Disable is selected for Oversize:

Oversize is disabled in accordance with the command-specified image drawing range.

Margins are added within the command-specified image drawing range.

Depending on the layout, part of the image may be cut off.

• When OFF or Command priority is selected for Detect image size and Enable is selected for Oversize:

Oversize is enabled in accordance with the command-specified image drawing range.

Margins are added outside the command-specified image drawing range.

The image is not cut off by the margins.

However, you will need to print on paper of a size that is greater than the size of the image drawing range specified by the HP-GL/2 data plus the top, bottom, left, and right margins.

• When Detected size is selected for Detect image size and Disable is selected for Oversize:

**Oversize** is disabled and processing of the detected minimum image range is performed.

Margins are added within the detected minimum image range and parts of the image are cut off.

• When Detected size is selected for Detect image size and Enable is selected for Oversize:

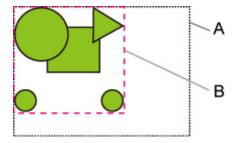
Oversize is enabled and processing of the detected minimum image range is performed.

Margins are added outside the detected minimum image range.

The image is not cut off by the margins.

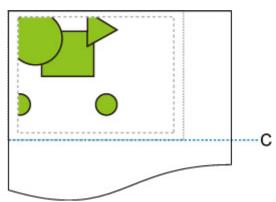
#### Detect image size AND Oversize EXAMPLE

The example below shows printing of data in which a figure is located in the upper left corner with margins below and to the right, on roll paper that is larger than the command-specified image drawing range (size normally specified by the application).



- A. Command-specified image drawing range (when **OFF** or **Command priority** is selected for **Detect image size**)
- B. Minimum image range detected (when Detected size is selected for Detect image size)

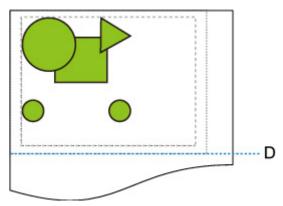
• When OFF or Command priority is selected for Detect image size and Disable is selected for Oversize:



C: Position of cut

Cut at length of command-specified image drawing range.

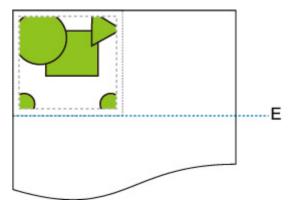
• When OFF or Command priority is selected for Detect image size and Enable is selected for Oversize:



D: Position of cut

Cut at length of upper and lower margins added to length of command-specified image drawing range.

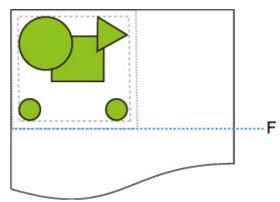
• When Detected size is selected for Detect image size and Disable is selected for Oversize:



E: Position of cut

Cut at length of minimum image range detected.

• When Detected size is selected for Detect image size and Enable is selected for Oversize:



F: Position of cut

Cut at length of upper and lower margins added to length of minimum image range detected.

### **Detect image size and Print centered**

Operation is as described below when both Detect image size and Print centered are specified.

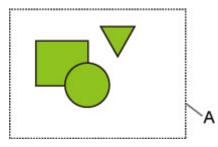
• When OFF or Command priority is selected for Detect image size and ON is selected for Print centered:

Print centered is performed in accordance with the command-specified image drawing range.

• When Detected size is selected for Detect image size and ON is selected for Print centered: Print centered is performed in accordance with the detected minimum image range.

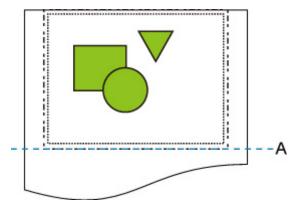
#### Detect image size AND Print centered EXAMPLE

• When OFF or Command priority is selected for Detect image size and ON is selected for Print centered:



A. Command-specified image drawing range

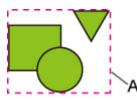
#### Printed image



A. Position of cut

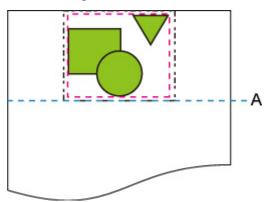
Prints the command-specified image drawing range in the horizontal center of the roll paper.

• When Detected size is selected for Detect image size and ON is selected for Print centered:



A. Minimum image range detected

#### Printed image



A. Position of cut

Prints the minimum image range in the horizontal center of the paper.

### **Status Print**

You can print a "Status Print" report indicating the current status of the printer.

With "Status Print", information is printed regarding the printer firmware version, various settings, and the status of consumables.

- **1.** On the HOME screen, select **Printer settings**.

- 2. Select Test print.
- 3. Select Status print.



- If you specify the administrator password, select Status print (administrator).
- 4. Select Yes.

The printer starts printing.

The following information is included.

Items and values may vary depending on your model, firmware version, and printer settings.

Canon xxxxxxxxxxxxxx Status Print			Printer model				
S/N			Printer serial number				
Firm			Firmware version				
Boot			Boot ROM version				
Date			Date and time when the status print was output				
Paper I	Info						
	Roll1 Media		Type of roll paper 1				
	Roll2 Media		Type of roll paper 2				
	Cut Sheet		Type of cut sheet				
Job Me	enu						
	Job History	Job History					
	Log		Details of up to 5 jobs				
Settings							
	Printer settings						
	Print settings		Setting values of <b>Print head movable width setting</b> , <b>Pri-</b> pritize paper size, and Magnification level for border- ess				
	Paper-related settings	Setti	tting values of <b>Paper-related settings</b>				
	Paper-related settings	Setti	Setting values of <b>Paper-related settings</b>				

A	uto maintenance settings	Setting values of Auto maintenance settings
F	lard disk settings	Setting values of Hard disk settings
C	Device user settings	Setting values of Other printer settings
v	Veb service setup	Setting values of Web service usage registration
L	anguage selection	Setting value of Language selection
F	irmware update notification	Setting values of Update notification settings
s	Show notifications (tool update)	Setting values of Show notifications (tool update)
Ν	Ionitoring service settings	Setting values of Monitoring service settings
F	Roll unit use setting	Each setting value of <b>Take-up mode</b>

Maintenance

Color calibration

Usage Condition

Hard disk information	Values of Hard disk capacity and Job box free space
Hardware error	History information of Hardware error
Error	History information of <b>Recoverable error</b>
Warning	Warning history information
Jam	History information of <b>Paper feed/transfer er-</b> ror
Maintenance cartridge usage / Tank size / Remaining ink level	Information on maintenance cartridge usage / Ink tank size / Remaining ink amount
Timing for ink level notification	Setting values of <b>Timing for ink level notifica</b> tion
Duty counter	Values of <b>Duty counter</b>

PARTS STATUS

COUNTER

Part status

Setting values of Color calibration

 Head information

 HEAD LOT NUMBER/ DATE OF INSTALLATION
 Information of Head information

 Head alignment performance log
 History information of Head alignment performance log

COUNTER

	MEDIA	Usage status by media
	THE NUMBER OF CUTS	Total number of cuts
	AFTER INSTALLATION	Number of days from the use start date

## **Changing Printer's Setting Using Web Browser**

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

# Start up Remote UI

You can check the printer status and change the printer settings using the web browser on your smartphone, tablet, or computer.

To check the printer status and to change the printer settings, display "Remote UI" on the web browser.

#### >>>> Note

• Remote UI is a software that enables you to perform operations, which are usually performed on the printer's operation panel, using a Web browser over a network.

LAN connection with the printer is required to use Remote UI.

- You can use Remote UI on the following OS and the web browser.
  - iOS device

Web browser: iOS standard Web browser (Mobile Safari)

- iPadOS device

Web browser: iPadOS standard Web browser (Mobile Safari)

Android device

Web browser: Android standard Web browser (Browser or Chrome)

macOS device

Web browser: macOS standard Web browser (Safari)

Windows device

Web browser: Microsoft Edge, Mozilla Firefox, Google Chrome

• Enable JavaScript and cookies in the web browser.

#### **1.** Check printer's IP address.



LAN settings on the HOME screen.

2. Select the enabled LAN.

Diagonal lines are displayed for disabled LAN icons.

- 3. Check IPv4 address.
- 2. Open web browser on your smartphone, tablet, or computer and enter IP address.

Enter as following in the URL field of the web browser.

http://XXX.XX.X.XXX

Enter the IP address of the printer in "XXX.XX.X.XXX".

#### Difference Note

• If you have set a DNS host name, you can also enter this.

When you access, "Remote UI" will be displayed on the web browser on your smartphone, tablet, or computer.

Menu		Printer status	
Details When a password is set, you will be requested to enter your	Ready to print		
password.	Estimated ink levels		
Log in			
Manual (Online)			
For secure communication	10		
Download firmware	10.11 × 10.14		
	and the second second		
		Ink model number	Order My Ink Now
	Roll paper 1	I Plain Paper A1 Roll	
	Roll paper 2	Plain Paper     Custom	
	Manual	, There is no paper.	
			Purchasing paper

#### Note Note

• If you display Remote UI for the first time on your smartphone, tablet, or computer, download the root certificate, and then register it.

Registering Printer's Root Certificate to Web Browser for SSL Communication

• If the root certificate is not registered, a message to warn you that the secure connection is not guaranteed may appear.

#### 3. Select Log in.

The password authentication screen appears.

#### Note

• When the standard user mode is enabled, choose either administrator mode or standard user mode to log on.

After choosing a mode and selecting **Log in**, the password authentication screen of each mode appears.

#### 4. Enter password.

When the password authentication is complete, the menus that can be utilized are displayed on the web browser.

#### Important

• The password is set at the time of purchase. The password is the printer serial number. The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters.

For details on setting password, see Setting Passwords Using Remote UI.

5. Confirm that the main screen of Remote UI is displayed.

For changeable setting items, see below.

<u>Changeable Setting Items Using Remote UI</u>

When you finish checking printer status and changing printer settings, select Log out.

# Changeable Setting Items Using Remote UI

#### >>>> Note

• The item which can be used is different in administrator mode or in standard user mode.

Ink model number Order My Ink Now
Ink mortel number
Ink mortel number
Ink mortel number
Ink moriel number
Ink mortel number
Ink model number
link model number Order My Ink Now
The model humber
Plain Paper     A1 Roll
Plain Paper     Custom
Custom
, There is no paper.
Purchasing paper

#### Printer status

This function displays printer information such as the remaining ink amount, the status, and detailed error information.

You can also connect to the ink purchase site or support page, and use Web Services.

#### Utilities

This function allows you to set and perform maintenance such as cleaning.

#### **Printer settings**

You can change various settings, such as print settings.

Additionally, this function allows you to receive the printer status information.

- Setting Mail Server
- Receiving Printer Status by E-mail

You can disable any operations using the operation panel from **Operation panel lock** on **Custom settings**.

#### Note

· Some of the menu is available only when you logged on in administrator mode.

#### Paper information

Paper-related settings can be changed here.

#### AirPrint settings

This function allows you to specify the AirPrint settings when printing with AirPrint.

#### Web service connection setup (Item for administrator)

This function configures web services that use printer device information, such as cloud service.

#### Job management

This function allows you to display the job history and print it.

#### Note Note

• When you are logging on in administrator mode, you can restrict this function in standard user mode.

#### Security (Item for administrator)

Set passwords, make settings related to certificates for encrypted communication, and other security settings.

#### **Records of use**

Get information on printer usage.

#### System info and LAN settings

- Confirm system information
- LAN settings (Item for administrator)
- Error history

#### Firmware update (Item for administrator)

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

Firmware update

#### Language selection (Item for administrator)

This function allows you to change the language on the display.

#### Manual (Online)

This function displays the Online Manual.

# Security

- · Administrator password setting
  - Setting Passwords Using Remote UI
- Standard user mode settings

Select Enable/Disable for the standard user mode.

#### Operation restrictions

Restricts the following operations.

• Job history

Restricts to display or print the print job history.

• Print from USB flash drive

Restricts to print data on USB flash drive.

#### TLS server settings

Make settings related to certificates for encrypted communication.

Advanced TLS settings enables you to specify the range of TLS versions to be used, the algorithm to be used, and so on.

#### IEEE802.1X/EAP settings

#### • Authentication

Select an authentication method for IEEE802.1X/EAP authentication.

#### >>>> Note

- In the case of using IEEE802.1X certificate, Security > IEEE802.1X/EAP settings > CA certificate, and register the CA certificate.
- Supported authentication method
  - EAP-TLS(Extensible Authentication Protocol-Transport Level Security)
  - EAP-TTLS(EAP-Tunneled TLS)
  - PEAP(Protected EAP)

#### • Key and certificate settings

Perform settings for key and client certificate.

• CA certificate

Perform settings for the CA certificate that verifies a server certificate.

#### Enable/disable IEEE802.1X/EAP

Enable or disable IEEE802.1X/EAP authentication.

## IPsec settings

Enable or disable IPsec settings.

# LAN settings

• Wi-Fi

Enables/Disables Wi-Fi.

Wireless Direct

Enables/Disables Wireless Direct.

Wired LAN

Enables/Disables Wired LAN.

#### Confirm LAN settings

The LAN setting information is displayed.

#### Advanced setup

#### • Set printer name

Specifies the printer name.

#### >>>> Note

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

#### • TCP/IP settings

Performs IPv4 or IPv6 setting.

• WSD settings

Perform settings to use WSD.

• Bonjour settings

Perform settings to use Bonjour.

• LPD settings

Perform settings for printing with LPD.

• RAW settings

Perform settings for printing with RAW.

• LLMNR settings

Perform settings for printing with LLMNR.

• SNMP settings

Perform settings for using SNMP to manage and control the printer.

• SNTP settings

Perform settings for using SNTP to adjust the time on the printer.

• FTP settings

Perform settings for printing with FTP.

#### • IPP Settings

Perform settings for printing with IPP.

#### CHMP settings

Perform settings for communication at the time when printer drivers or applications acquire the information on status, paper, and job log, from the printer.

Selecting **Enable HTTPS redirection** redirects the communication using CHMP to encrypted communication.

#### >>>> Note

- To use CHMP for encrypted communication, you need to register the printer's root certificate to your computer.
  - Registering Printer's Root Certificate to Local Computer for SSL Communication
- CHMP is a Canon proprietary protocol.

#### Network interface settings

To connect to a hub that supports spanning tree, select **Spanning tree settings > Enable**.

Selecting Enable avoids circulating data on a network.

#### • DRX settings

When enabled, data is received intermittently during network connection.

#### • IP filtering

Allows or denies access for specific IP addresses.

Settings for both IPv4 and IPv6 addresses can be specified.

## Important

If the device address for the administrator has been set to rejection by mistake, select
 LAN settings on the HOME screen of the operation panel, and then select Advanced > Reset
 LAN settings in this order, and initialize network information of the printer.

After resetting, perform setup again as necessary.

#### MAC address filtering settings

Allows or denies access for specific MAC addresses.

#### Important

If the device address for the administrator has been set to rejection by mistake, select
 LAN settings on the HOME screen of the operation panel, and then select Advanced > Reset
 LAN settings in this order, and initialize network information of the printer.

After resetting, perform setup again as necessary.

#### Reset LAN settings

Initializes the network settings on the printer.

After resetting, perform setup again as necessary.

# Setting Passwords Using Remote UI

Each of passwords for administrator and standard user can be set.

When logging on with password for administrator, all settings can be changed.

When logging on with password for standard user, some of the settings can be changed.

- Setting Administrator Password
- Setting Standard User Password

#### >>>> Note

- · Password can be set only when you are logged in administrator mode.
- The standard user password is disabled by default.

## **Setting Administrator Password**

Change the administrator password by following the steps below.

#### Important

• The password is set at the time of purchase. The password is the printer serial number. The printer serial number is printed on the sticker attached on the printer. It consists of 9 alphanumeric characters.

#### 1. Start up Remote UI.

- Start up Remote UI
- 2. Select Security.
- 3. Select Administrator password setting.

#### 4. Select Change administrator password.

If an administrator password is not specified, the confirmation message appears. Confirm the message and select **Yes**. When message appears again, confirm it and select **OK**.

5. Select range where administrator password is valid and select OK.

#### Remote UI and other tools

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

#### **Operation panel/Remote UI/other tools**

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

#### 6. Enter password and select OK.

#### Important

• The following character restrictions apply to the password:

- Set the password by using 4 to 32 characters.
- The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.

-!@#\$%^&\*\_;:,./`=+'"(){}[]<>|

- For security reasons, we recommend you use 8 and more alphanumeric characters.
- 7. When completion message appears, select OK.

## Setting Standard User Password

For restricting the function for standard user, enable the standard user mode and set a standard user password by following the steps below.

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Security.
- 3. Select Standard user mode settings.
- 4. Confirm the message and select Yes.
- 5. Enter password and select OK.

#### >>>> Important

- The following character restrictions apply to the password:
  - Set the password by using 4 to 32 characters.
  - The allowed characters are single-byte alphanumeric characters, blank space, umlaut characters, and the below characters.

- ! @ # \$ % ^ & \* \_ ; : , . / ` = + ' " ( ) { } [ ] <> |

- For security reasons, we recommend you use 8 and more alphanumeric characters.
- 6. When completion message appears, select OK.

# Registering Printer's Root Certificate to Web Browser for SSL Communication

If the printer's root certificate has not been registered to the web browser, a message to warn you that the secure connection is not guaranteed may appear.

When you display Remote UI for the first time on your smartphone, tablet, or computer, download the root certificate, and then register it to the web browser. The secure connection will be confirmed and a message will not appear. However, the message may appear depending on a web browser even after you have registered the root certificate.

How to register the root certificate varies depending on the web browser.

Operating procedure may differ depending on the version of your web browser. For other web browser, refer to each help.

#### Important

- Make sure that you have accessed to the printer IP address correctly by checking the URL field of the web browser before registering the root certificate.
- If the printer is connected via IPv6 using Windows, you need to generate a server certificate using Remote UI.

For details, see Generating Server Certificate.

#### For Microsoft Edge

- 1. Select For secure communication on Remote UI.
- 2. Select Download.

Downloading the root certificate is started.

3. If confirmation screen appears, select Open.

Certificate screen is displayed.

#### >>>> Note

- To save the certificate file and register it, select Save. To register, select Control Panel > Network and Internet > Internet Options, and register the root certificate from Certificates on Content sheet.
- 4. Select Install Certificate.

Certificate Import Wizard screen is displayed.

- 5. Select Next.
- 6. Select Place all certificates in the following store.
- 7. Select Browse.

Select Certificate Store screen is displayed.

- 8. Select Trusted Root Certification Authorities and OK.
- 9. Select Next on Certificate Import Wizard screen.
- 10. If Completing the Certificate Import Wizard appears, select Finish.

Security Warning screen is displayed.

11. Make sure that thumbprint on Security Warning screen matches printer's thumbprint.

To display the printer's root certificate thumbprint in Root cert. thumbprint (SHA-1) or Root cert.

thumbprint (SHA-256), select Printer information on the HOME screen of the operation panel, and then select System information.

**12.** If thumbprint on **Security Warning** screen matches printer's thumbprint, select **Yes**.

#### 13. Select OK on Certificate Import Wizard screen.

The root certificate registration is completed.

#### For Safari

- 1. Select For secure communication on Remote UI.
- 2. Select Download.

Downloading the root certificate is started.

3. Open the downloaded file.

Keychain access starts up and Add Certificates screen is displayed.

4. Select Add.

Information on the certificate is displayed.

#### >>>> Note

- · You can also add the certificate by selecting Show Certificate, checking certificate name to add, and then selecting the same certificate on Keychain access.
- 5. Make sure that fingerprint of certificate detail information matches printer's thumbprint.

To display the printer's root certificate thumbprint in Root cert. thumbprint (SHA-1) or Root cert.



thumbprint (SHA-256), select **Printer information** on the HOME screen of the operation panel, and then select System information.

6. If fingerprint of certificate detail information matches printer's thumbprint, display information on certificate from the menu or by double-clicking the certificate, and select **Always Trust** on **Trust**.

The root certificate registration is completed.

#### >>>> Note

• If a password is set on your device, entering a password may be required.

#### For Chrome on Android

1. Select For secure communication on Remote UI.

#### 2. Select Download.

Downloading the root certificate is started and then Name the certificate screen is displayed.

**3.** As entering the root certificate name is required, enter an arbitrary certificate name and select **OK**.

The root certificate registration is completed.

#### Note

• If PIN or password is not set as security type, the attention screen may appear. Select **OK**, and then set the security type to PIN or password.

## After Root Certificate Registration

We recommend that you make sure that the correct root certificate has been registered.

To make sure that the correct root certificate has been registered, make sure that thumbprint of certificate information matches printer's thumbprint. Follow the steps below.

#### >>>> Note

- Some Android devices cannot be checked the thumbprint of a registered route certificate.
- 1. From Settings menu on your device, select Security, Trust credentials, and USER.

The list of downloaded certificates appears.

**2.** Select downloaded certificate.

The certificate information appears.

3. Make sure that thumbprint of certificate information matches printer's thumbprint.

To display the printer's root certificate thumbprint in Root cert. thumbprint (SHA-1) or Root cert.

thumbprint (SHA-256), select **Printer information** on the HOME screen of the operation panel, and then select **System information**.

4. If thumbprint of certificate information screen matches printer's thumbprint, select OK.

The root certificate registration is completed.

If the message to warn you that the secure connection is not guaranteed appears when you select **Log in** on Remote UI after registering the root certificate, restart the web browser. The message will not appear on the web browser.

#### Note

• Depending on the Android device, a warning may appear even after registering the proper root certificate.

#### For Mobile Safari on iOS

1. Select For secure communication on Remote UI.

#### 2. Select Download.

Downloading the root certificate is started and then Install Profile screen is displayed.

#### 3. Select Install.

Warning screen is displayed.

#### >>>> Note

• If a password is set on your device, entering a password may be required.

#### 4. Select Install.

5. Select Install on displayed dialog.

The root certificate registration is completed.

# Registering Printer's Root Certificate to Local Computer for SSL Communication

To use Device Management Console or Accounting Manager, etc. when you connect the printer to a computer using SSL encrypted communication, you need to register (import) the printer's root certificate to your computer.

Procedure to register the certificate varies depending on your operation environment.

#### Important

 If the printer is connected via IPv6 using Windows, you need to generate a server certificate using Remote UI.

For details, see <u>Generating Server Certificate</u>.

Operation procedure may differ depending on your OS version.

For Windows 11/Windows 10/Windows 8.1

The procedure below describes how to import a root certificate in Windows 11/Windows 10/Windows 8.1.

- 1. Start up Remote UI.
  - Start up Remote UI

#### 2. Select For secure communication.

#### >>>> Note

• You can download a certificate from Status Monitor.

**1.** Open status monitor.

Open the Printing preferences, and select Status Monitor... on Main.

2. Download a certificate.

Select Download Security Certificate from the Remote UI menu.

#### 3. Select Download.

The root certificate will be downloaded.

4. When download confirmation screen is displayed, select **Open**.

The Certificate screen appears.

#### 5. Select Install Certificate.

The Certificate Import Wizard screen appears.

6. Select Local Machine.

1. Select Local Machine on the startup screen of Certificate Import Wizard.

← .#	Certificate Import Wizard	>
	Welcome to the Certificate Import Wizard	
	This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your clisk to a certificate store.	
	A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
	Store Location	
	Local Machine  To continue, click Next.	
	Next Canc	-1

- 2. Select Next.
- 3. Select Yes on the displayed screen.

The Certificate Store screen appears.

#### 7. Select Place all certificates in the following store.

#### 8. Select Trusted Root Certificate Authorities.

- 1. Select Browse to open the Select Certificate Store screen.
- 2. Select Trusted Root Certificate Authorities from the list and select OK.
- 3. Select Next on the Certificate Store screen.

#### 9. Select Finish.

When the **Completing the Certificate Import Wizard** screen appears, check the settings and select **Finish**.

#### For Windows 7

The procedure below describes how to import a root certificate in Windows 7.

#### Important

• Be sure to create a certificate snap-in before importing a root certificate.

The root certificate will be registered to the local user if you import it without creating a certificate snap-in.

### **Creating Certificate Snap-in**

1. Start up Microsoft Management Console.

Enter MMC on Search programs and files in the Start menu and press the Enter key.

- 2. Select Yes on displayed screen.
- 3. Select Add/Remove Snap-in from File menu.

The Add or Remove Snap-ins screen appears.

- 4. Add Certificate snap-in.
  - 1. Select Certificates from Available snap-ins list and select Add.
  - 2. Select Computer account for This snap-in will always manage certificates for on the Certificates snap-in screen and select Next.
  - 3. Select Local computer on the Select computer screen and select Finish.

This snap-in will always manage	e: outer this console is running on)	
Another computer:		Browse

4. Select OK on the Add or Remove Snap-ins screen.

#### **Downloading Certificate**

- **1.** Start up Remote UI.
  - Start up Remote UI
- 2. Select For secure communication.

#### Note

- You can download a certificate from Status Monitor.
  - 1. Open status monitor.

Open the Printing preferences, and select Status Monitor... on Main.

2. Download a certificate.

Select Download Security Certificate from the Remote UI menu.

- 3. Select Download.
- 4. Select Save.

#### **Importing Certificate**

- 1. Open Certificate Import Wizard.
  - 1. On the left window, open Trusted Root Certificate from Certificate on Console Root.
  - 2. Right-click Certificates and select Import from All tasks.
- 2. Specify certificate file to import.
  - 1. Select Next.
  - 2. Specify the certificate file to import on File name and select Next.
- **3.** Specify certificate store.
  - 1. Select Place all certificates in the following store.
  - 2. Select Trusted Root Certificate Authorities for Certificates Store.
- 4. Finish certificate import wizard.
  - 1. Select Next and check the specified settings.
  - **2.** Select **Finish** to finish the wizard.
  - 3. Select OK on the displayed screen.

## **Checking Imported Certificate**

Make sure the imported certificate has been registered to your computer.

**1.** Display certificate list.

On the left window of Microsoft Management Console, select **Console Root** > **Certificates (Local Computer)** > **Trusted Root Certificate Authorities** in this order, and Select **Certificates** to display the certificate list. 2. Check registered certificate.

Make sure the imported certificate name is displayed on the list.

#### >>>> Note

 Make sure you can see the registered certificate from Current user by creating the Current user snap-in.

#### >>>> Note

• When you finish Microsoft Management Console, a message asking you whether to save the console setting. If you continue to apply the same settings next, select **Yes** to save.

#### For macOS

The procedure below describes how to import a root certificate in macOS.

- **1.** Start up Remote UI.
  - Start up Remote UI
- 2. Select For secure communication.
- 3. Select Download.

The root certificate will be downloaded.

4. Open downloaded certificate file.

When the download procedure is completed, a downloaded item pops up on the right of the screen.

Double-click the downloaded certificate on the list starts up **Keychain Access** and the **Add Certificates** screen appears.



- If the downloaded item does not pop up, select the Show Downloads
- Selecting the magnifying glass icon on the right of download list displays the folder containing the certificate.

button on the right.

5. Select Add.

Select the destination for the certificate on Keychain.

Selecting Add displays information on the certificate.

#### Note

- You can add the certificate by selecting the same certificate on **Keychain Access**. Check the name of certification to add after selecting **View Certificates**.
- 6. Check certificate.

Make sure the fingerprint of certificate shown on **Details** corresponds with the root certificate thumbprint of the printer.

To display the printer's root certificate thumbprint in Root cert. thumbprint (SHA-1) or Root cert.

# thumbprint (SHA-256), select Printer information on the HOME screen of the operation panel, and then select System information.

#### 7. Select Always Trust.

If the fingerprint of certificate detail information matches printer's thumbprint, display information on certificate from the menu or by double-clicking the certificate, and select **Always Trust** on **Trust**.

The root certificate has been registered.

#### >>>> Note

• Entering the password may be required if you specify it for your printer.

# **Generating Server Certificate**

When you use SSL connection via IPv6 network, you need to generate an IPv6 server certificate using the printer.

Generate the server certificate from Remote UI.

Follow the procedure below.

- 1. Checking Printer's IP Address
- 2. Generating Server Certificate
- 3. Checking Generated Server Certificate

#### >>>> Important

• If you generate an IPv6 server certificate, a warning message may appear if you are using Remote UI.

To reset the IPv6 server certificate, select **Security** > **TLS server settings** > **Delete key and certificate** in this order, and select **OK** on the displayed screen.

## **Checking Printer's IP Address**



- 1. Select LAN settings on the HOME screen.
- 2. Select the enabled LAN.

Diagonal lines are displayed for disabled LAN icons.

3. Check the value on IPv6 link-local address.

Write down the value on **IPv6 link-local address** for your reference when you generate a server certificate.

## **Generating Server Certificate**

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Security.
- 3. Select TLS server settings.
- 4. Select Generate key and certificate.
- 5. Select Generate self-signed cert.
- 6. Specify each setting item.

#### Key algorithm

Specify the signature algorithm and key information.

• Specify the expiration date.

Enter the date you generated the server certificate on Valid from.

Enter the date the server certificate expires on Valid to.

• Enter the common name.

On Common name, enter the IPv6 link-local address you checked in abbreviated form.

#### >>>> Note

- When you enter the common name, add [] to each end of the abbreviation value of the printer's IPv6 address.
- Do not use a comma or make a space for the common name.

#### 7. Select Next.

Enter Country, State or province, Locality, Organization and Organizational unit as required. Enter the same information in Subject Alternative Names as in Common name.

#### 8. Select Generate.

The server certificate starts to be generated.

When the server certificate has been generated, Generated a self-signed certificate. appears.

#### 9. Select Restart LAN.

LAN will be restarted.

When LAN has been restarted, Printer status on Remote UI appears.

#### Note

• If you cannot access to Remote UI after you restart LAN, reload your web browser.

## **Checking Generated Server Certificate**

- 1. Select Security on Remote UI.
- 2. Select TLS server settings.

#### 3. Select Check key and certificate.

Make sure the issuer of the root certificate is displayed on **Issued by**, and the value you entered is displayed on **Common name** on **Subject**.

# **Setting Mail Server**

To use mail function, specify the mail server settings.

\* This function may not be available depending on the country or region of purchase.

#### >>>> Note

- If you did not specify the time zone setting using the printer's operation panel, a message to inform you that the correct time may not be reflected on the sent e-mail appears. We recommend that you set the time zone setting using the printer's operation panel.
  - <u>Other printer settings</u>
- These functions can be set only when you are logged in administrator mode.
- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Printer settings.
- 3. Select Set mail server.
- 4. Specify mail server settings.

Specify the following items.

Sender address

Enter the e-mail address of the sender (this printer).

• Outgoing mail server (SMTP)

Enter the address of your SMTP server.

• Port number (SMTP)

Enter the port number of your SMTP server.

• Secure connection (SSL)

Select if you use the secure connection (SSL).

Don't verify certificates

Select if you do not verify the certificate.

Authentication

Select one of the following authentication methods.

#### SMTP authentication

Select if you send e-mail with SMTP authentication.

Next, you can specify the following settings.

Outgoing account

Enter the account name for sending to perform the authentication.

Outgoing password

To set / change the password for sending in order to perform the authentication, check the **Set/change password** and then enter the password.

#### • POP before SMTP

Select if you send e-mail with POP before SMTP authentication.

Next, you can specify the following settings.

Incoming mail server (POP3)

Enter the address of your POP server.

• Port number (POP3)

Enter the port number of your POP server.

Incoming account

Enter the account name for receiving to perform the authentication.

Incoming password

To set / change the password for receiving in order to perform the authentication, check the **Set/change password** and then enter the password.

#### Use APOP authentication

Select if you send the password by the encryption transmission.

Clear mailbox

Select if you delete the e-mails that remain in the POP3 server.

#### Important

• When this setting is enabled, e-mail in the Inbox on the server will have all been removed. If you specify the e-mail address of your everyday, be sure to disable this setting as unread e-mail is not deleted. We recommend that you prepare this printer dedicated e-mail account not to accidentally delete the unread e-mail.

#### No authentication

Select if the authentication is not necessary.

#### 5. Select OK.

The setting operation is completed.

# **Receiving Printer Status by E-mail**

You receive the printer status information such as the remaining ink level and the error from the printer.

\* This function may not be available depending on the country or region of purchase.

#### Note

- Specify the mail server settings in advance.
  - Setting Mail Server
- If you did not specify the date and time setting using the printer's operation panel, the date and time may not be reflected on the sent e-mail. We recommend that you set the date and time setting using the printer's operation panel.

For the date and time setting, see Other printer settings.

- These functions can be set only when you are logged in administrator mode.
- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Printer settings.
- 3. Select Status notification email.
- 4. Select Notification recipients.
- 5. Specify destination settings.

Up to 5 destinations can be registered by following the steps below.

- 1. Select number of destination.
- 2. Select Add.
- **3.** Enter e-mail address, and then select printer status to send information.
- 4. Select OK.

The registration for destination is completed.

#### 6. Select Printer settings.

- 7. Select Status notification email.
- 8. Select Retry settings.
- 9. Specify resending settings.

The number of resending can be specified by following the steps below.

- **1.** Specify number of resending.
- **2.** Specify interval of resending.
- 3. Select OK.

The resending setting is completed.

# **Migrating Printer's Setting**

Migrates the printer settings to another one of the same model.

This operation is available either from the Remote UI or from the operation panel using a USB flash drive.

- Using Remote UI
- ➡ Using USB Flash Drive

#### Note

• The printers must be running the same firmware version. The target data to be migrated is fixed.

## **Using Remote UI**

- 1. Exporting settings
  - 1. Start up Remote UI.
    - Start up Remote UI
  - 2. Select Printer settings.
  - 3. Select Import/Export printer settings.
  - 4. Select Export printer settings.
  - 5. Enter password and select OK.

#### 2. Importing settings

- **1.** Start up Remote UI.
  - Start up Remote UI
- 2. Select Printer settings.
- 3. Select Import/Export printer settings.
- 4. Select Import printer settings.
- **5.** Select a file to import.
- 6. Enter password and select OK.

## **Using USB Flash Drive**

- 1. Exporting settings
  - **1.** Insert USB flash drive into the USB flash drive connector.



Printer settings on HOME screen.

#### 3. Select Import/export settings.

If you specify the administrator password, enter the password.

- 4. Select Export.
- 5. Enter password and select Apply.
- 6. Enter password again.

#### **2.** Importing settings

**1.** Insert a USB flash drive to USB flash drive port.



- 2. Select Printer settings on HOME screen.
- 3. Select Import/export settings.

If you specify the administrator password, enter the password.

- 4. Select Import.
- 5. Enter password and select OK.

# **Initializing Printer's Setting**

Initializes the following settings.

- · Paper setting information
- · Detection priority data of paper
- · Paper feed amount adjustment value
- · Color calibration adjustment value
- SSL certificate
- LAN setting
- Administrator password
- Hard drive data
- Job history
- Operation panel lock
- · Web service usage settings
- Setting items of Printer settings (excluding Monitoring service settings)

This operation is available using the operation panel or Remote UI.

- ➡ Using operation panel
- Using Remote UI

## Using operation panel



Printer settings on HOME screen.

#### 2. Select Initialize printer settings.

If you specify the administrator password, enter the password.

3. Confirm the message and select Yes.

## **Using Remote UI**

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Printer settings.
- 3. Select Initialize printer settings.
- Confirm the message and select Yes.
   The Remote UI is disconnected.

# **Network Setting**

## Printer Connection Methods

- Wi-Fi Connection
- Wireless Direct Connection
- Wired Connection
- USB Connection
- > Another Printer Found with Same Name
- Printing Network Settings
- Countermeasures against Unauthorized Access
- Network Status and Troubleshooting
- Checking Printer Connection Status Using Wi-Fi Connection Assistant
- Sharing the Printer on a Network (Windows)
  - Setting Up a Shared Printer
  - Restrictions on Printer Sharing
- Sharing the Printer on a Network (macOS)
  - Settings on Print Server
  - Settings on Client PC
  - Restrictions on Printer Sharing

# **Printer Connection Methods**

4 connection methods are available on the printer.

<u>Wi-Fi Connection</u>

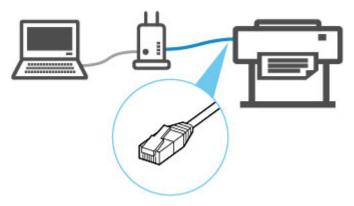


Wireless Direct Connection

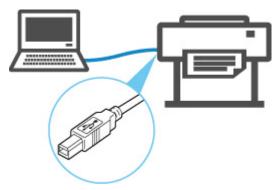




<u>Wired Connection</u>



USB Connection



The printer cannot use a wired LAN connection simultaneously with a Wi-Fi or wireless direct connection.

When connecting another device while the devices are already connected to the printer, connect using a method other than the above.

Restrictions

#### >>>> Important

• If you connect a device connected to the Internet via a wireless router to the printer that is in the wireless direct, the connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. Transmission fees for connecting to the Internet using a mobile data connection apply.

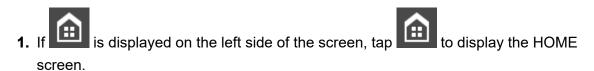
# Wi-Fi Connection

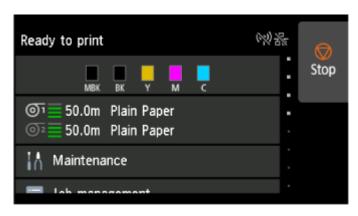
### >>>> Important

• If printer is performing cleaning, print head alignment, or other processes, wait for the process to finish, before starting setup.

### >>>> Note

- Refer to the following notes when connecting to Wi-Fi.
  - Notes on Wi-Fi Connection







• If an error screen appears, select **OK**, and then tap



# 2. Select

### LAN settings on HOME screen.

- Ready to print er
   ₩ &

   Maintenance
   Stop

   Job management
   •

   Print from USB flash drive
   •

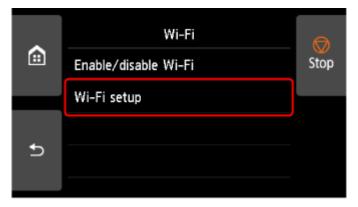
   (\*p\*) LAN settings
   •
- 3. Select Wi-Fi.



4. Select Settings.



5. Select Wi-Fi setup.



6. Select a connection method below.

### Easy wireless connect

Set wireless router information to the printer directly from a device (such as a computer), without operating the wireless router

Easy wireless connect may take some time. Internet connection may become temporarily unavailable during setup.

Easy wireless connect is not available on Windows 10 in S mode or Windows 11 in S mode. Select other connection type.

### Manual connect

Connect to wireless router using a password

### WPS

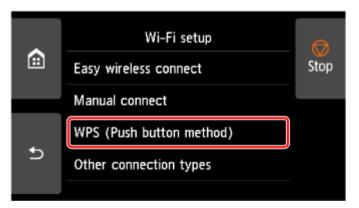
Connect to a WPS-compatible wireless router

### WPS (PIN Code) Connection

A wireless connection can also be set up by using the WPS PIN code method

# **WPS** Connection

1. Select WPS (Push button method).



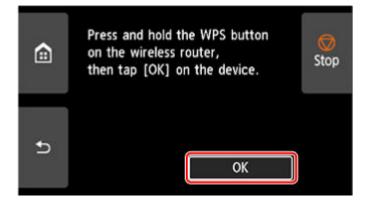
2. Select OK.



3. Press and hold the WPS button on the wireless router.

## >>>> Note

- For more on pressing the WPS button, see the wireless router manual.
- 4. Select **OK** on the printer within 2 minutes.



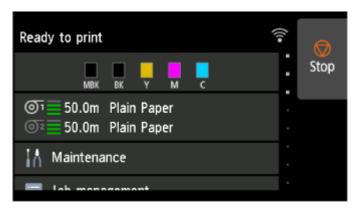
5. When the screen on the below appears, select OK.



6. Tap in the left side of the screen.







The network connection setup is now complete.

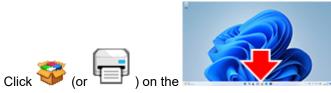
<u>-</u>

Once connection is complete,

appears on the screen.

If performing setup with software, return to the software and proceed with the installation.

### Windows



taskbar at the bottom of the screen, follow

the on-screen instructions to proceed with setup.

#### macOS

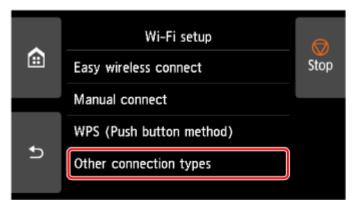
Click



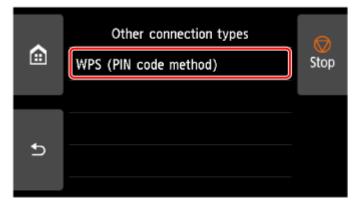
Dock at the bottom of the screen, and follow the on-

screen instructions to proceed with setup.

1. Select Other connection types.



2. Select WPS (PIN code method).



3. Follow the on-screen instructions on a computer to set a PIN code on the wireless router.



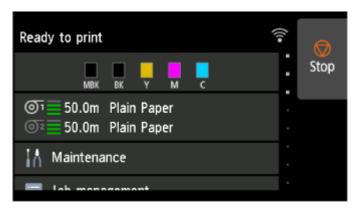
4. When the screen on the below appears, select OK.



5. Tap on the left side of the screen.







The network connection setup is now complete.

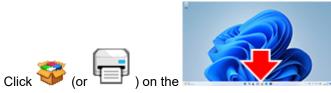
<u>-</u>

Once connection is complete,

appears on the screen.

If performing setup with software, return to the software and proceed with the installation.

### Windows



taskbar at the bottom of the screen, follow

the on-screen instructions to proceed with setup.

#### macOS

Click

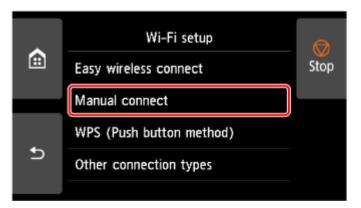


Dock at the bottom of the screen, and follow the on-

screen instructions to proceed with setup.

# Manual connect

### 1. Select Manual connect.



2. Select your wireless router.

If you select a Wi-Fi router name, proceed to step 8 and continue with the settings.

If you select [Directly enter the wireless router name], proceed to step 3 and continue with the settings.

If [Failed to connect to the wireless router.] appears, see <u>"Failed to connect to the wireless router."</u> <u>Appears</u>.



3. Select the input area.



4. Enter the wireless router name (SSID). Text entry is case-sensitive.



If you don't know your wireless router name, see the wireless router manual or contact its manufacturer.

5. Select OK.



- 6. Make sure the wireless router name (SSID) is correct.
- 7. Select OK.



**8.** The screen below will appear.

If **"Connected to the wireless router."** appears, the network does not require a password. Continue from step 13.



- 9. Select the input area.
- **10.** Enter the password. Text entry is case-sensitive.



If you don't know the password for your wireless router, see the wireless router manual or contact its manufacturer.

11. Select OK.



12. Select OK.



**13.** When the screen on the below appears, select **OK**.



**14.** Tap on the left side of the screen.



Ready to print	
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Maintenance	•
- Joh managament	

The network connection setup is now complete.

Once connection is complete,

appears on the screen.

If performing setup with software, return to the software and proceed with the installation.

### Windows



the on-screen instructions to proceed with setup.

#### macOS

Click



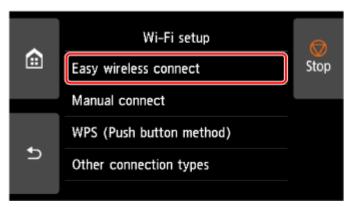
bock at the bottom of the screen, and follow the on-

taskbar at the bottom of the screen, follow

screen instructions to proceed with setup.

# Easy wireless connect

1. Select Easy wireless connect.



2. Select OK.

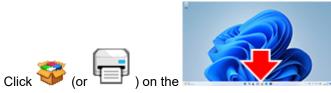


**3.** When the printer preparation is complete, the screen below appears.



**4.** Return to the application software and proceed with the setup.

### Windows



taskbar at the bottom of the screen, follow

the on-screen instructions to proceed with setup.

#### macOS

Click



Dock at the bottom of the screen, and follow the on-

screen instructions to proceed with setup.

# **Wireless Direct Connection**

This section describes wireless direct, which allows you to print by connecting the devices to the printer directly.

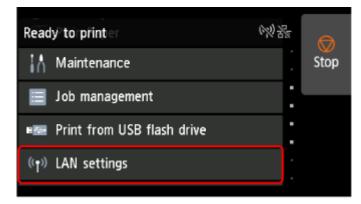
### Important

- Check the usage restrictions and switch the printer to the wireless direct.
  - Restrictions
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.
- If a device has already been connected to the printer directly and you want to add a device to connect, connect it to the printer directly. You can connect up to 5 devices to the printer at the same time.

## **Enable Wireless Direct**



LAN settings on HOME screen.



2. Select Wireless Direct.



3. Select Settings.



4. Select Enable/disable Wireless Direct.



5. Select Yes.



After Wireless Direct is enabled, the identifier (SSID) etc. when using the printer with wireless direct connection are displayed.

By flicking the touch screen, you can check various settings of wireless direct.

### >>>> Note

- The identifier (SSID) and password are specified automatically.
- You can check the password set for the printer by the following method.



- 1. Select **LAN settings** on HOME screen.
- 2. Select Wireless Direct.

- 3. Select Show password.
- By selecting **Settings**, you can change the following settings.
  - Enable/disable Wireless Direct
  - Change network name (SSID)
  - Change password
  - Connection request confirmation

For updating the SSID / password or changing the name of the printer displayed on Wi-Fi Direct compatible device, see <u>Change Wireless Direct Connection Setting</u>.

## **Connecting Smartphone/Tablet to Printer**

1. Turn on Wi-Fi communication on Wi-Fi Direct compatible device.

For more on turning on Wi-Fi communication, see your device's instruction manual.

 Select "DIRECT-XXXX-XX-XXXX" ("X" represents alphanumeric characters.) from list displayed on device.

### >>>> Note

- If "DIRECT-XXXX-XX-XXXX" does not appear on the list, wireless direct is not enabled.
   See <u>Enable Wireless Direct</u> to enable wireless direct.
- You can change the name of the printer displayed on Wi-Fi Direct compatible devices. See <u>Change Wireless Direct Connection Setting</u> as necessary.
- 3. Enter password on Wi-Fi Direct compatible device.

The device is connected to the printer.

### Note Note

• You can check the password set for the printer by the following method.



1. Select **LAN settings** on HOME screen.

- 2. Select Wireless Direct.
- 3. Select Show password.
- If your Wi-Fi Direct compatible device is set to prioritize using Wi-Fi Direct and it is connecting to the printer, the printer displays a confirmation screen asking if you allow the device to connect to the printer.

Make sure the name on the touch screen is the same as that of your Wi-Fi Direct compatible device and select **Yes**.

## **Change Wireless Direct Connection Setting**

- **1.** Select **LAN settings** on HOME screen.
- 2. Select Wireless Direct.
- 3. Select Settings.
- 4. Change settings as necessary.
  - · To update the password for wireless direct

Select **Change password** to display the confirmation screen.

To check the updated password, select Change manually > Show password.

• To change the printer's name displayed on the Wi-Fi Direct compatible device

Select **Change network name (SSID)** to display the printer's name (the initial value is "DIRECT-XXXX-XX-XXXX") displayed on a Wi-Fi Direct compatible device.

Follow the procedure below to change the name.

- 1. Select the device name entry field on the touch screen.
- 2. Enter device name.
- 3. Select **OK** and confirm the entered device name.
- 4. Select OK.
- To change the confirmation screen setting when a Wi-Fi Direct compatible device is connecting to the printer

Select Connection request confirmation to display the confirmation screen.

If you want the printer to display the screen to inform you a Wi-Fi Direct compatible device is connecting to the printer, select **ON**.

### Important

• To prevent an unauthorized access, we recommend you should not change the setting from the default.

When you finished performing the settings, the printer returns to the **Wireless Direct settings** screen.

### >>>> Note

• If you change the wireless direct setting on the printer, also change the setting on the device.

# **Wired Connection**

### Important

• If printer is performing cleaning, print head alignment, or other processes, wait for the process to finish, before starting setup.

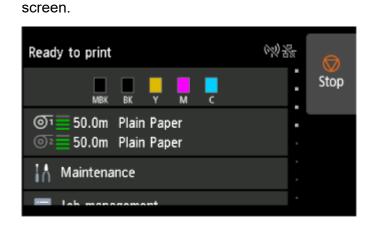
### >>>> Note

- Refer to the following for notes when connecting to a wired LAN.
  - Notes on Wired Connection

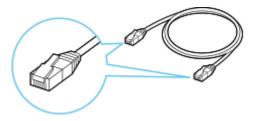




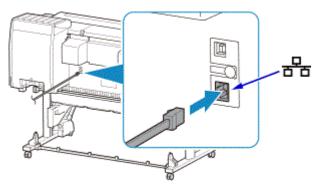
is displayed on the left side of the screen, tap to display the HOME



2. You will need an Ethernet cable (sold separately).



3. Connect the printer and a network device (router, etc.) with an Ethernet cable. Do not connect to any other port.



**4.** Select **LAN settings** on HOME screen.



5. Select Wired LAN.



6. Select Settings.



7. Select Enable/disable Wired LAN.



8. Select Enable.



9. Tap on the left side of the screen.



Ready to print	
мвк вк у м с	Stop
Maintenance	
- Joh managament	

The network connection setup is now complete.

Once connection is complete,

appears on the screen.

If performing setup with software, return to the software and proceed with the installation.

### Windows



the on-screen instructions to proceed with setup.

#### macOS

Click



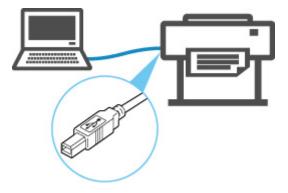
bock at the bottom of the screen, and follow the on-

taskbar at the bottom of the screen, follow

screen instructions to proceed with setup.

# **USB** Connection

Connect the printer to a computer using a USB cable.



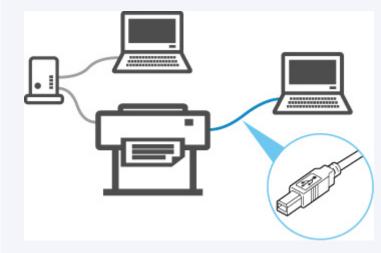
➡ What Is USB Cable?

In USB connection, the printer is connected one-on-one to the computer.

If your computer is connected to LAN, you can use the printer with other devices by enabling the sharing setting on your computer.

### >>>> Note

• You can connect the printer to a computer via USB even when the printer is already connected to another one via wired LAN.



# **Another Printer Found with Same Name**

When the printer is found during setup, other printers with the same name may appear on the results screen.

Select a printer with checking the printer settings against those on detection result screen.

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

### >>>> Note

• Serial number may not appear on result screen.

Check the printer's MAC address and serial number by selecting **Printer information** > **System information**.

Printer information

# **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.

### **Items to Prepare**

#### When Using Rolls

Plain paper of sufficient length

### When Using Sheets

12 sheets of A4 or Letter-sized plain paper

- 1. Load paper.
  - ➡ Loading Rolls in the Printer
  - ➡ Loading Roll Paper in the Roll Unit
  - Loading Sheets in the Printer

E.

- 2. Select Printer settings on HOME screen.
- 3. Select LAN settings.
- 4. Select Print details.
- 5. Select Yes on displayed screen.
- 6. Select Yes or No on displayed screen.

The printer starts printing network settings information. The print result is output from the front of the printer.

Printer settings > Test print >

### >>>> Note

 You can also print the printer's network settings. Select the Print LAN details > Yes > Yes.

Printed network settings information can also be viewed from the operation panel or remote UI.

- LAN settings
- Menu Structure
- Changeable Setting Items Using Remote UI

# **Countermeasures against Unauthorized Access**

This section describes countermeasures against an unauthorized access to the printer from outside. When you use the printer via a network or you are an administrator, we recommend you read this section before using the printer.

Four countermeasures below can be helpful against an unauthorized access.

- Specify a Private IP Address
- Restrict Communication Using Firewall or Wi-Fi Router
- Specify a Password for the Printer
- Apply higher security level for Wi-Fi connection

### >>>> Note

• As the setting procedure described below is an example, it may be different from that of your printer. For details, refer to your printer's manual.

## Specify a Private IP Address

An IP address is a numeric label assigned to each device on the network. There are two types of IP address. One is used for internet connection ("global IP address"), and the other is used for a local area network such as an inhouse LAN ("private IP address").

If a global IP address is specified for the printer, many and unspecified users on internet can access to the printer. As a result, you will face an increased risk of information leakage caused by an unauthorized access from outside. On the other hand, if a private IP address is specified for the printer, users who can access to the printer are confined to those on a local area network such as an inhouse LAN. Therefore, we recommend you specify a private IP address for the printer.

The range of addresses used as a private IP address is shown below. Make sure whether a private IP address is specified for your printer.

#### Range of private IP address

- 10.0.0.0 to 10.255.255.255
- 172.16.0.0 to 172.31.255.255
- 192.168.0.0 to 192.168.255.255

#### Procedure to check the IP address

Select **Setup** > **Device settings** > **LAN settings** on your printer to select a network connection method and check the IP address. For the procedure to check and specify the IP address, refer to your printer's manual.

### >>>> Note

• Establishing an environment to protect an access from outside using a firewall can reduce a risk of an unauthorized access even though a global IP address is specified for your printer.

## **Restrict Communication Using Firewall or Wi-Fi Router**

Firewall is a system which prevents an unauthorized access from an external network user to protect an inhouse network against attack or intrusion.

Firewall enables your network to be protected against an unauthorized access by restricting a communication from the specific external IP address which seems to have a risk.

A home use Wi-Fi router has a similar function. Be careful when you change the settings.

## Specify a Password for the Printer

Even if a malicious third party accesses to your printer by any chance, you can reduce a risk of information leakage drastically by specifying a password to protect various information on your printer.

In addition, though the printer can be protected by specifying a password, it is important to manage the specified password for security. Manage your password referring to the four points below. For details, refer to your printer's manual.

- Be sure to change the default password.
- · Change the password periodically.
- Do not use a password easy to guess for a third party.
- · Do not tell a third party about the specified password casually.

### >>>> Note

- A password is not specified for some printers at the time of purchase. In this case, specify the password for the printer.
- A password cannot be specified for some printers.

#### Password management using Remote UI (User Interface)

Remote UI is a software to access to the printer via a network by using a web browser. You can check the printer status or settings on Remote UI, which allows you to perform operations almost the same as those you can on the operation panel of the printer.

Entering the printer's IP address or host name on the web browser displays the portal page of Remote UI.

For the procedure to start up or operations of Remote UI, refer to your printer's manual.

### Important

• Do not access to a website while you are using Remote UI on the web browser.

In addition, be sure to close the web browser when you leave your seat before you finish performing settings, or when you have finished performing settings.

## Apply higher security level for Wi-Fi connection

When you use the printer via Wi-Fi, we recommend you apply a security method with higher security level (e.g. WPA/WPA2).

For more on operations, refer to your printer's manual.

# **Network Status and Troubleshooting**

Check the network status referring to LAN setting information on the touch screen.

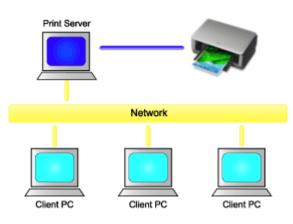
Printing Network Settings

Network Status	What to Do
Connected normally.	1. If you are unable to print, check the items below:
If you are unable to print, see 1 on What to Do.	<ul> <li>whether the computer is connected to Wi-Fi</li> <li>whether the firewall of your security software is enabled</li> <li>whether a privacy separator, SSID separator, or Network separation function is enabled on your wireless router</li> </ul>
	If one of the above is enabled, disable it before setup.
	• whether the network name (SSID) of the printer matches that of the router to connect
	<ol><li>To change the network connection method (wired/wireless), change it on the printer's network setting screen.</li></ol>
Wi-Fi is disabled on the printer.	Perform printer setup following the instructions of the manual.
Wired LAN connection is disabled.	<ul> <li>Make sure the printer is connected to the router with the LAN cable.</li> </ul>
	If the LAN cable is loose, connect the cable properly.
	If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.
	<ul> <li>Make sure the network devices (e.g. hub or router) are turned on.</li> </ul>
IP address is not as- signed.	<ul> <li>If you specify the printer's IP address automatically, enable DHCP on the router.</li> <li>If you specify the printer's IP address manually, the address is disabled because it is out of the valid range. You specified (0.0.0.0) as the IP address, for example.</li> <li>Specify the valid IP address.</li> </ul>
The default gateway is not specified.	<ul> <li>Check the items below to communicate by hopping routers (e.g. using a cloud application).</li> <li>Make sure the device specified as the default gateway is turned on.</li> <li>Specify the default gateway address correctly.</li> </ul>
Cannot connect to the specified network.	<ul> <li>Check the status of the printer, network devices (e.g. wireless router), or smartphone/tablet.</li> <li>If they are turned off, turn them on.</li> <li>Make sure wireless signal is strong.</li> <li>Monitor signal status and move the printer and wireless router as necessary.</li> <li>The security key specified for the wireless router may not match that you entered.</li> <li>The security key is case-sensitive.</li> <li>Enter the correct security key.</li> </ul>
Make sure wireless signal is strong.	<ul> <li>Make sure the printer is not placed too far away from the wireless router.</li> <li>Monitor signal status and move the printer and wireless router as necessary.</li> </ul>

The number of con- nected clients reaches the upper limit.	<ul> <li>Wireless Direct does not allow more than 5 devices to be connected.</li> <li>If you add a device to connect, disconnect a device you do not use before adding the device.</li> </ul>
The signal to noise ra- tio (S/N ratio) is low.	There is a lot of noise from other devices. Move the printer apart from other devices.
A link local address is assigned.	<ul> <li>Perform printer setup again.</li> <li>The security key specified for the wireless router may not match that you entered. The security key is case-sensitive. Enter the correct security key.</li> </ul>
The specified network name (SSID) is left de- fault value.	The network name (SSID) is not specified. Enter the network name (SSID) specified for the destination.

# Sharing the Printer on a Network (Windows)

When computers are used in a network environment, documents can be printed from multiple computers that share a single printer.



<u>Setting Up a Shared Printer</u>

This section describes how to set up the print server and the client.

### >>>> Note

• The Windows versions of the computers connected to the network do not necessarily have to be the same.

## **Related Topic**

Restrictions on Printer Sharing

# Setting Up a Shared Printer

On the print server, set up sharing of the printer driver. Then from the client, set up the connection to the print server.

- 1. Install the printer driver on the print server system
- 2. Display the Devices and Printers window

Select the **Control Panel** -> **Hardware and Sound** (Hardware) -> **Devices and Printers**. The **Devices and Printers** window is displayed.

3. Click the icon for the model name of printer to be shared

Press the Alt key, and from the displayed File menu, select Printer properties -> Sharing tab.

### Important

• When starting up the software and performing install or uninstall, a confirmation or warning dialog box may appear.

This dialog box appears when administrative rights are required to perform a task. When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue. Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

4. Set sharing

On the **Sharing** tab, check (or select) **Share this printer**, set the shared name as necessary, and then click **OK**.

- **5.** If the print server and the client have different architectures (32 bit or 64 bit), install an additional driver
  - 1. Display the Devices and Printers, Printers, or Printers and Faxes window.
  - 2. Select the printer icon, click Print server properties, and select the Drivers tab.
  - 3. Click Add....
  - 4. When the Add Printer Driver Wizard window is displayed, click Next.
  - **5.** If the print server has a 32-bit architecture, select **x64**. If the print server has a 64-bit architecture, select **x86**. Then click **Next**.
  - 6. Click Have Disk .....
  - **7.** In the **Install From Disk** window, open the "Driver" folder of the downloaded printer driver, specify the "inf" file, and click **OK**.

### >>>> Note

• If the printer server is 32-bit, specify it as "xxxxxx3.INF". If it is 64-bit, specify it as "xxxxxx6.INF".

8. Select the printer to be used, and click Next.

### >>>> Note

• If an error message is displayed, select the other printer.

#### 9. Click Finish

The setup on the print server system is complete. Next, set up the client systems.

6. On the client, open Explorer, and double-click the icon of the printer to be shared

### 7. Follow the window instructions, and install the printer driver

The setup on the client system is complete.

Even when you perform the setup on a different client, follow the same steps 6 and 7.

# **Restrictions on Printer Sharing**

These are restrictions that apply when you are using a printer in a network environment. Check the restrictions for the environment you are using.

## Restriction on setting up printer sharing

- If "ntprint.inf" is requested when you install the driver from Add Printer, specify the file as follows:
  - Start Explorer on the print server and on the client with the different architecture, paste the following path in the address bar, and press Enter on the keyboard: %windir%\system32\driverstore\
  - 2. Right-click the FileRepository folder, and click Properties.
  - 3. On the Sharing tab, click Share.
  - 4. In the message window displayed on the print server, specify "ntprint.inf\_xxxxxxxx" in the folder that was shared in step 3, and click **OK**.

If there are multiples copies, select the file with the latest update date and time.

## Restrictions on sharing and using a printer

- A print completion message may be displayed. To disable the message display, follow the procedure below.
  - 1. In the **Control Panel -> Hardware and Sound (Hardware) -> Devices and Printers** window of the client system, select the printer, and click **Print server properties** on the command bar.
  - 2. Uncheck **Show informational notifications for network printers** on the **Advanced** tab, and then restart the computer.
- The bi-directional communication function is disabled and the correct printer status may not be recognized.

If a client user opens the printer driver properties and then clicks **OK** with the **Enable bidirectional support** check box cleared on the **Ports** tab, the bidirectional communication function of the print server may also be disabled.

In this case, check **Enable bidirectional support** check box on both the print server system and the client system.

- When you print from a client system, the following functions cannot be used.
  - The Edit Using PosterArtist feature of Page Layout in the Layout tab
- When the functions on the **Device Settings** tab cannot be set properly from a client system, they may
  be grayed out. In this case, change the settings from the print server.
  When you change the settings of the print server, you should delete the icon of the shared printer
  from the client system, and then specify the shared settings again in the client system.
- If the same driver installed on the print server is also installed on the client, the network printer icon may be created automatically.
- If an error occurs when you print a document on a shared printer from a client, the error message of the Canon IJ status monitor is displayed on both the client and the print server. If a document is printed out normally, the Canon IJ status monitor is displayed only on the client.

# Maintenance

### Adjustments for Better Print Quality

- Checking for Nozzle Clogging
- Cleaning the Print Head
- Adjusting Line Misalignment
- Adjustment to Straighten Lines and Align Colors
- Adjusting Different Colored Horizontal Streaks
- Fine-Tuning Paper Feed Amount
- Adjusting Line Length
- Troubleshooting Paper Abrasion and Blurry Images
- Color Management

### Replacing Consumables

- Checking the Ink Tank Model Number
- Replacing Ink Tanks
- Checking Ink Level
- Replacing the Print Head
- Replacing the Maintenance Cartridge
- Checking the Remaining Maintenance Cartridge Capacity
- Replacing the Cutter Blade

### **Cleaning the Printer**

- Cleaning the Printer Exterior
- Cleaning Inside the Top Cover
- Cleaning the Roll Unit
- > Performing Maintenance Functions from Your Computer (Windows)
  - Cleaning the Print Heads
  - Printing a Nozzle Check Pattern
- Performing Maintenance Functions from Your Computer (macOS)

- Opening Remote UI for Maintenance
- Cleaning the Print Heads
- Printing a Nozzle Check Pattern

# > Other Maintenance

- Preparing to Transfer the Printer
- Reinstalling the Printer
- Firmware update

# Adjustments for Better Print Quality

- Checking for Nozzle Clogging
- Cleaning the Print Head
- Adjusting Line Misalignment
- Adjustment to Straighten Lines and Align Colors
  - Automatic Adjustment to Straighten Lines and Align Colors
  - Manual Adjustment to Straighten Lines and Align Colors
- Adjusting Different Colored Horizontal Streaks
  - Automatically Adjusting Different Colored Horizontal Streaks
  - Manually Adjusting Different Colored Horizontal Streaks
- Fine-Tuning Paper Feed Amount
- Adjusting Line Length
- Troubleshooting Paper Abrasion and Blurry Images
  - Changing the Print Head Height
  - Adjusting Vacuum Strength
- Color Management
  - Managing Colors
  - Performing Color Calibration
  - Adjustment Types of Color Calibration

# **Checking for Nozzle Clogging**

If printing is faint or affected by banding in different colors, make sure the print head nozzles are clear by printing a test pattern to check the nozzles.

## Note

- You can also check for nozzle clogging from your computer.
  - Printing a Nozzle Check Pattern (Windows)
  - Printing a Nozzle Check Pattern (macOS)
- By default, nozzles are checked at fixed intervals.
  - ➡ Auto maintenance settings

#### **Paper to Prepare**

#### When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

#### When using sheets

1 sheet of unused paper of at least A4/Letter size

- 1. Load paper.
  - Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit
  - Loading Sheets in the Printer



2. Select Maintenance on HOME screen.

#### 3. Select Nozzle Check.

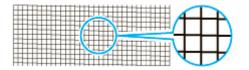
A confirmation message appears.

#### 4. Select Yes.

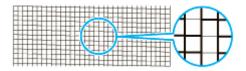
The printer now prints a test pattern for checking the nozzles.

5. Check the printing results.

If the horizontal lines are not faint or incomplete, the nozzles are clear.



If some sections of the horizontal lines are faint or incomplete, the nozzles for those colors are clogged.



If horizontal lines are faint or incomplete, execute print head cleaning.

<u>Cleaning the Print Head</u>

# **Cleaning the Print Head**

If printing is faint, cleaning the print head may improve results.

## Note Note

- You can also clean the print head from your computer.
  - <u>Cleaning the Print Heads</u> (Windows)
  - Cleaning the Print Heads (macOS)

Choose one of three print head cleaning modes (**Cleaning**, **Deep Cleaning**, or **System Cleaning**), depending on the problem to resolve.

Cleaning

Use this mode if printing is faint or contains foreign substances. This method of cleaning consumes the least amount of ink.

It takes about 3 to 4 minutes.

• Deep Cleaning

Use this mode if no ink is ejected at all or if Cleaning does not solve the problem.

It takes about 3 to 4 minutes.

System Cleaning

Use this mode if printing is not improved after **Deep Cleaning**. **System Cleaning** consumes a very large amount of ink. Performing this frequently consumes the ink faster. Perform this only when needed.

It takes about 4 to 5 minutes.

## Important

• Do not remove the maintenance cartridge or ink tanks during **Cleaning**, **Deep Cleaning**, or **System Cleaning**.

Ink may leak or an error may occur.

• If printing is not improved after **System Cleaning**, the print head may be at the end of its service life. Contact your Canon dealer for assistance.

# >>>> Note

• Check the nozzle check pattern and select an ink group for which to perform cleaning as needed. You can clean all print head or select the pattern below to clean the print head with a clogged nozzle.



Perform cleaning as follows.

**1.** Select **Maintenance** on HOME screen.

- 2. Select Print Head Cleaning.
- 3. Select Cleaning, Deep Cleaning, or System Cleaning.
- **4.** Select ink group to be cleaned.
  - All colors
  - Pattern 1: MBK / BK
  - Pattern 2: Y / M / C

A confirmation message appears.

5. Select Yes.

Head cleaning is now executed.

- **6.** Print a test pattern to check the nozzles and determine whether cleaning has cleared the nozzles.
  - <u>Checking for Nozzle Clogging</u>

# Adjusting Line Misalignment

If printed lines are misaligned, execute **Print head angle adjustment** to adjust the print head angle. **Print head angle adjustment** requires you to examine a printed test pattern and adjust the angle using the angle adjustment lever.

Always adjust the print head angle after replacing the print head.

## Important

• Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.

### Paper to Prepare

#### When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

### When using sheets

One sheet of unused paper of at least A4/Letter size

Perform adjustment as follows.

### 1. Load paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer

## Important

• Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Select Maintenance on HOME screen.

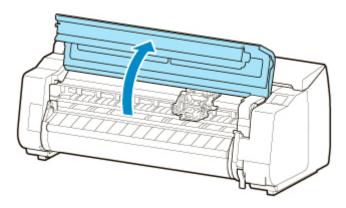
## 3. Select Print head angle adjustment.

A confirmation message appears.

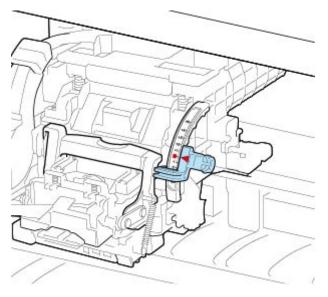
#### 4. Select Yes.

The carriage moves and instructions for the print head angle adjustment procedure appears on the touch screen.

5. Open the top cover.



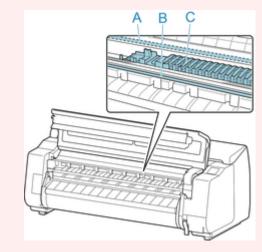
6. Align the angle adjustment lever with the red square and close the top cover.



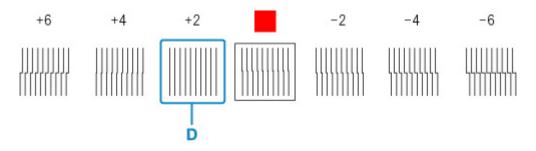
A test pattern is printed for adjustment.

# >>>> Important

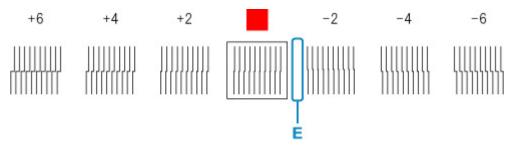
• Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



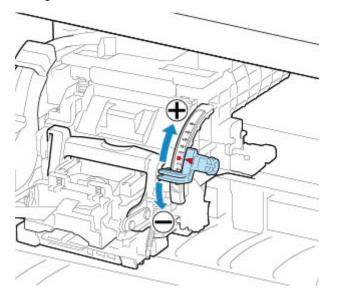
Examine the test pattern for adjustment. Determine the straightest set of lines.
 Example 1: Select "+2" in pattern (D).



Example 2: Move the angle adjustment lever to a position between the numbers or between the number and the square (E) of the two sets of lines that are least misaligned. In this case, select -1.

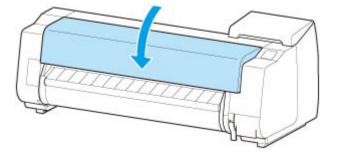


**8.** Open top cover and move angle adjustment lever to match number (or square) of straightest set of lines.



9. Close the top cover.

The print head is now straight, and adjustment is complete.



# >>>> Note

- If the problem, such as misaligned lines or color unevenness, is not solved after adjustment, execute
   Print head angle adjustment and move the angle adjustment lever in the front or the rear of the last position. When finished, execute Print Head Alignment again.
  - Automatic Adjustment to Straighten Lines and Align Colors

# Adjustment to Straighten Lines and Align Colors

- Automatic Adjustment to Straighten Lines and Align Colors
- Manual Adjustment to Straighten Lines and Align Colors

# Automatic Adjustment to Straighten Lines and Align Colors

If printed vertical lines are warped or colors are out of alignment, execute **Print Head Alignment** and adjust the print head position.

Choose from Auto (standard) or Auto (advanced) for automatically adjusting the print head.

Minor warping and misaligned colors can usually be improved by executing **Auto (standard)**. If there is no improvement, perform **Auto (advanced)** or **Manual**.

Manual Adjustment to Straighten Lines and Align Colors

When you execute **Auto (standard)** or **Auto (advanced)**, the adjustment pattern is printed, and the print head position is adjusted based on the printing result automatically.



# >>>> Important

• If the situation is difficult, such as the lines being misaligned, or color unevenness does not improve even after executing **Print Head Alignment**, execute **Print head angle adjustment** and then execute **Print Head Alignment** again.

Adjusting Line Misalignment

- Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.
- This function is not available for paper with high transparency.

# >>>> Note

- After print head replacement, we recommend executing **Print Head Alignment**. When **Print pattern after new head** is set to **ON**, print head position adjustment is automatically executed after print head replacement.
- To change the paper type or for more beautiful color borders, perform Auto (standard).
- To ensure clear quality and when replacing the print head, perform **Auto (advanced)** to fine-tune the position between nozzles and colors. To ensure high-quality printing, we recommend that you execute **Auto (advanced)**.
- If adjustment is not possible as expected using special paper, try another type of paper or try **Manual** adjustment.
  - Manual Adjustment to Straighten Lines and Align Colors
- After performing **Print Head Alignment**, it is recommended to set **Ink ejection status check** to **Display warning**.

A notification about adjustment timing will be sent when the print head ejection status changes.

➡ Auto maintenance settings

### Paper to Prepare

#### When using rolls

An unused roll at least 10.00 in. (254.0 mm) wide

### When using sheets

**Auto (standard)**: 3 sheets of unused paper, A4/Letter size or larger (or 1 sheet when using A2 or larger)

**Auto (advanced)**: 5 sheets of unused paper, A4/Letter size or larger (or 1 sheet when using A2 or larger)

Perform adjustment as follows.

- 1. Load paper.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit
  - ➡ Loading Sheets in the Printer



• Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Select Maintenance on HOME screen.

- 3. Select Print Head Alignment.
- 4. Select Auto (standard) or Auto (advanced).

A confirmation message appears.

5. Select Yes.

The paper source setting screen appears.

## 6. Select Roll paper 1, Roll paper 2 or Manual.

A test pattern is printed for adjustment.

## Note

• If you are printing on cut paper smaller than A2 size, a confirmation message prompting you to continue printing appears after the first sheet is printed. Select **Yes** and follow the instructions on the touch screen.

# Manual Adjustment to Straighten Lines and Align Colors

If printed vertical lines are warped or colors are out of alignment, execute **Print Head Alignment** and adjust the print head position.

Normally, execute Auto (standard).

Automatic Adjustment to Straighten Lines and Align Colors

However, when printing on special paper or if printing is not improved after Auto (advanced), try Manual.

Manual adjustment requires you to examine the printed test pattern and enter an adjustment value.



## Important

 Because the results of adjustment vary depending on the type of paper used for adjustment, use the same type of paper as you will use for printing.

## Note Note

 After performing Print Head Alignment, it is recommended to set Ink ejection status check to Display warning.

A notification about adjustment timing will be sent when the print head ejection status changes.

Auto maintenance settings

#### Paper to Prepare

#### When using rolls

An unused roll at least 16.54 in. (420.0 mm) wide

#### When using sheets

4 sheets of unused paper, A4/Letter size or larger (or a sheet when using A2 or larger)

Perform adjustment as follows.

- 1. Load paper.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit
  - Loading Sheets in the Printer

#### Important

• Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Select Maintenance on HOME screen.

# 3. Select Print Head Alignment.

## 4. Select Manual.

A confirmation message appears.

## Note Note

- If you do not perform **Auto (advanced)**, a confirmation message prompting you to perform **Auto (advanced)** appears. In this case, select **Yes** and perform **Auto (advanced)**.
- 5. Select Yes.

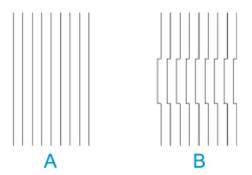
The paper source setting screen appears.

# 6. Select Roll paper 1, Roll paper 2 or Manual.

A test pattern is printed for adjustment.

## **7.** Select **D-1**.

8. Examine adjustment test pattern D-1 and select the number with straight lines.



- A: Example with straight lines
- B: Example with misaligned lines

## >>>> Note

- If two patterns seem equally good and you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.
- 9. Repeat steps 7–8 to specify adjustment value for D-2 to D-41.

Note that D-6, D-12, D-18, D-24, D-30, and D-36 cannot be configured.

## 10. Select OK.

The adjustment value is now registered, and adjustment is complete.

# Adjusting Different Colored Horizontal Streaks

- Automatically Adjusting Different Colored Horizontal Streaks
- Manually Adjusting Different Colored Horizontal Streaks

# Automatically Adjusting Different Colored Horizontal Streaks

If printed images are affected by banding in different colors across the sheet, execute **Adjust print quality** for automatic adjustment of the paper feed amount.

The printer prints and reads a test pattern for automatic adjustment of the feed amount.

### >>>> Important

- · When using highly transparent media, use manual adjustment.
  - Manually Adjusting Different Colored Horizontal Streaks

#### >>>> Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the Set priority values.
  - Paper feed adjustment
- If additional fine-tuning is necessary, execute Paper feed fine adjustment.
  - Fine-Tuning Paper Feed Amount
- Use Adjust feed length to ensure that lines in CAD drawings are printed at exactly the right length.
  - Adjusting Line Length
- This may take some time, depending on the type of paper.

#### Items to Prepare

#### When Using Rolls

An unused roll at least 8.00 in. (203.2 mm) wide

#### When Using Sheets

One sheet of unused paper of at least A4/Letter size

Follow the procedure below to adjust.

- 1. Load paper.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit
  - Loading Sheets in the Printer

2. Select Maintenance on HOME screen.

- 3. Select Paper feed adjustment.
- 4. Select Adjust print quality.
- 5. Select Auto.
- 6. Select Roll paper 1, Roll paper 2 or Manual.

A test pattern is printed for adjustment and adjustment is finished.

# Manually Adjusting Different Colored Horizontal Streaks

If printed images are affected by banding in different colors, execute **Adjust print quality** for adjustment of the paper feed amount.

Use manual adjustment with highly transparent media.

Manual adjustment requires you to enter an adjustment value after a test pattern is printed.

### Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the **Set priority** values.
  - Paper feed adjustment
- If additional fine-tuning is necessary, execute Paper feed fine adjustment.
  - Fine-Tuning Paper Feed Amount
- Use Adjust feed length to ensure that lines in CAD drawings are printed at exactly the right length.
  - Adjusting Line Length

#### Items to Prepare

#### When Using Rolls

An unused roll at least 8.00 in. (203.2 mm) wide

#### When Using Sheets

Two sheets of unused paper of at least A4/Letter size

Follow the procedure below to adjust.

#### 1. Load paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

#### Important

 Always make sure the loaded paper matches the type of paper specified. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Select Maintenance on HOME screen.

- 3. Select Paper feed adjustment.
- 4. Select Adjust print quality.
- 5. Select Manual.
- 6. Select Roll paper 1, Roll paper 2 or Manual.

Test pattern A is printed for manual adjustment.

## Note Note

• When printing on sheets, follow the instructions on the screen and remove the sheet.

7. Examine test pattern A for adjustment.

Determine pattern in which banding is least noticeable.



## Note

- If banding seems least noticeable in two patterns but you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.
- 8. Select number you decided.

Test pattern B is printed for manual adjustment.



- If you printed test pattern A on a sheet, follow the instructions on the screen and use another sheet of the same type of paper. Additionally, after test pattern B is printed, follow the instructions on the screen and remove the sheet.
- **9.** Examine test pattern B for adjustment. Determine pattern in which banding is least noticeable.
- 10. Select number you decided.

The adjustment value is now registered, and adjustment is complete.

# Fine-Tuning Paper Feed Amount

If the contrast is uneven or banding in different colors appears at 1.2 in. (30 mm) intervals in printed documents, try executing **Paper feed fine adjustment** during printing to fine-tune the feed amount.

## >>>> Note

- The **Paper feed fine adjustment** menu is only displayed during printing. Additionally, it is displayed when you have selected **Auto** or **Prioritize print quality** in **Set priority** in **Paper feed adjustment**.
- Always execute Adjust print quality before Paper feed fine adjustment. Once you execute Adjust print quality, the Paper feed fine adjustment value will revert to 0.
  - Automatically Adjusting Different Colored Horizontal Streaks
  - Manually Adjusting Different Colored Horizontal Streaks

Follow the procedure below to adjust.



- 1. Select Maintenance on HOME screen during printing.
- 2. Select Paper feed fine adjustment.
- 3. Select value.

At this time, if banding in dark colors appears, select a setting value in the range 1 to 5, and if banding in light colors appears, select a setting value in the range -1 to -5.

# Adjusting Line Length

To ensure that lines in CAD drawings are printed at exactly the right length, use **Adjust feed length** to adjust the amount that paper is advanced.

There are two options in Adjust feed length : Print alignment pattern and Change adjustment values.

## >>>> Note

- We recommend executing the adjustment if you have changed the paper type or paper size.
- Always check the Set priority values before adjustment.
  - Paper feed adjustment

## Items to Prepare

#### When Using Rolls

- An unused roll at least 8.00 in. (203.2 mm) wide
- High-precision ruler

### When Using Sheets

- One sheet of unused paper of at least A4/Letter size
- High-precision ruler

Follow the procedure below to adjust.

- 1. Load paper.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit
  - Loading Sheets in the Printer

# >>>> Important

• Always make sure the loaded paper matches the type of paper specified. Adjustment cannot be completed correctly unless the loaded paper matches the settings.



2. Select Maintenance on HOME screen.

- 3. Select Paper feed adjustment.
- 4. Select Adjust feed length.
- 5. Select Print alignment pattern or Change adjustment values.
  - If you select Print alignment pattern:

The test pattern is printed for you to measure the scale and calculate the discrepancy.

The scale bar prints "Millimeter" in 50 mm increments and "Inch" in 1-inch increments.



• If you select Change adjustment values:

No test pattern is printed. Instead, you will measure a document already printed to determine the discrepancy.

6. Select amount of discrepancy.

If the scale is shorter than the actual size, use a positive setting value. If it is longer, use a negative value. The feed amount can be adjusted in 0.02% increments.

# Troubleshooting Paper Abrasion and Blurry Images

- Changing the Print Head Height
- Adjusting Vacuum Strength

# **Changing the Print Head Height**

The print head height setting affects printing quality.

Specifying a low print head height makes images clearer and enhances printing quality but may cause paper to rub against the print head.

On the other hand, specifying a high print head height will prevent paper from rubbing against the print head but may reduce the printing quality.

# Important

• Paper rubbing against or becoming caught on the print head may jam or result in printed documents that are soiled.

# >>>> Note

- Raise or lower print head, depending on nature of the problem.
  - Paper rubs against the Print Head
  - ➡ <u>The edges of the paper are dirty</u>
  - Image edges are blurred or white banding occurs
- 1. Select paper setting display area on HOME screen.



- 2. Select paper source.
- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Head height.
- 6. Select a setting value.

## >>>> Note

• When set to **Auto**, before printing, the printer automatically adjusts the print head height to the level optimal for the ambient temperature and humidity. You can check the setting for the previous print job in **Values applied with auto settings**.

## Printer information

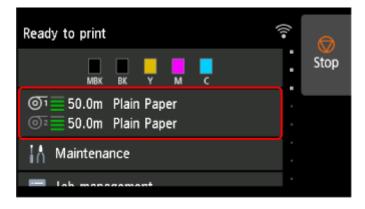
- When the setting other than **Auto** is selected, the setting selected during this procedure is applied.
- Depending on the type of paper, some setting values may not be available.

# Adjusting Vacuum Strength

When printing on heavyweight paper or paper that curls or wrinkles easily, if the Print head rubs against paper, adjusting the level of suction against paper on the platen may improve results.

# Important

- Paper rubbing against or becoming caught on the Print head may jam or result in printed documents that are soiled.
- 1. Select paper setting display area on HOME screen.



- 2. Select paper source.
- 3. Select Paper settings.
- 4. Select Advanced.
- 5. Select Transport unit vacuum strength.
- 6. Select vacuum strength.

# **Color Management**

- Managing Colors
- Performing Color Calibration
- Adjustment Types of Color Calibration

# **Managing Colors**

Color management (color calibration) corrects for variations in color tones due to differences between printers and aging, and obtains continuously stable corrected color tones.

The color tones of this printer can be corrected by executing color calibration.

If you have multiple printers, you can make the color tones of the printers the same by executing color calibration on each of the printers.

# **Execute Color Calibration**

Executing color calibration improves color consistency by compensating for slight differences in how color appears due to individual variations or aging among the printers.

You can use the operation panel to enable or disable the color calibration adjustment values, view the calibration status, and configure notifications when color calibration needs to be executed.

You can also execute color calibration from Device Management Console.

See the following for details.

➡ Device Management Console Guide

# **Checking When to Execute Color Calibration**

You can use the progress bar on the computer screen to determine when to execute color calibration.

Use Device Management Console to view when to execute color calibration.

See the following for details.

Device Management Console Guide

# Checking Color Calibration Execution Logs

You can check the paper name and the date and time which color calibration was executed for each media type.

Use Device Management Console to view color calibration execution logs.

See the following for details.

➡ Device Management Console Guide

# **Centrally Managing Multiple Printers**

You can view the status of multiple network- and USB-connected printers.

You can also set up email notification if printer warnings or errors occur.

Use Device Management Console to manage the printers.

See the following for details.

Device Management Console Guide

# Using Paper Other Than Canon Genuine Paper

To execute color calibration for paper other than Canon genuine paper, you must create and register dedicated media information.

To register this media information, use Media Configuration Tool.

See the following for details.

Media Configuration Tool Guide

# **Performing Color Calibration**

Color calibration improves color consistency by compensating for slight differences in how color appears when printing due to individual variations or aging among the printers.

Executing color calibration will print a test pattern (built into the printer) that is then read automatically by the printer.

By this operation, calibration adjustment values reflecting the print result of the test pattern are set automatically.

## Important

 To increase the color stability precision when executing color calibration, maintain a constant temperature and humidity environment each time within the range of temperatures of 59 to 86°F (15 to 30°C) and within the range of humidities of 40 to 60%.

Executing color calibration under various temperature and humidity conditions may prevent the printer from making the correct adjustments.

• Before color calibration, ensure the printer is not exposed to direct sunlight or other strong sources of light.

If the printer is exposed to strong sources of light, correct adjustment may not be possible.

# **Recommend Timing for Color Calibration**

We recommend color calibration in the following situations.

- · After initial printer installation
- After print head replacement
- If colors seem different from before, despite using the same printing environment, under the same conditions
- · To print with colors aligned from multiple printers
- When the execution guide is displayed

# **Executing Color Calibration**

#### Paper size that can be used for color calibration

#### When using rolls

Roll at least 10.00 in. (254.0 mm) wide

#### When using sheets

Sheet of A4/Letter size or larger

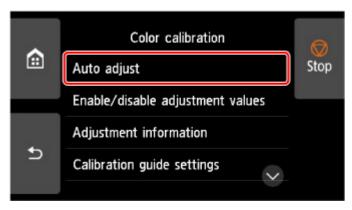
Execute color calibration using the following procedure.

- **1.** You can confirm whether the paper to be loaded can be used in color calibration.
  - Paper Information List
- 2. Load paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer



- 3. Select Maintenance on HOME screen.
- 4. Select Color calibration.
- 5. Select Auto adjust.



A confirmation message appears.

## >>>> Note

- For details about menu items other than Auto adjust, see Other Menu Items.
- 6. Select Yes.

The paper source setting screen appears.

## 7. Select Roll paper 1, Roll paper 2 or Manual.

After the paper is confirmed, and color calibration is executed, the calibration adjustment value is set automatically.

# **Other Menu Items**

#### · Enable/disable adjustment values

You can select whether to apply the calibration adjustment value when printing.

However, for settings that differ from **Calibration Value** of the printer driver, the values specified in the printer driver take priority.

#### Adjustment information

You can confirm the calibration adjustment date/time currently applied and the media type used.



### Calibration guide settings

You can select whether to display a message asking to execute color calibration on the touch screen in the following situations.

- When a new print head has been installed
- · When a certain amount of printing has been executed after color calibration is executed
- $\circ\,$  When the data of color calibration has been initialized
- Reset adjustment values

Clear the color calibration adjustment value and the adjustment information.

# **Adjustment Types of Color Calibration**

# Adjustment Types of Color Calibration

Color calibration allows you to adjust colors for each media type.

There are two adjustment types: common calibration and unique calibration. The appropriate type depends on the media type being used.

For details on whether or not color calibration can be executed and the adjustment types for various types of paper, see Paper Information List.

# Features

#### **Common Calibration**

When you perform color calibration on paper using common calibration, the results are also applied to any other media types which have not yet been calibrated.

This allows you to use multiple media types quickly because it is not necessary to execute color calibration for each media type.

- If color calibration is executed on a media type categorized as common calibration, new common calibration adjustment values are set.
  - New common calibration adjustment values are set for paper for which color calibration has not been performed.
  - New common calibration values are not overwritten for media types for which color calibration has already been performed. The current calibration adjustment values take priority.

The common calibration adjustment values apply to all print qualities.

## Note Note

• When common calibration is performed on multiple paper types, different calibration adjustment values are applied to each paper type. We recommend using only one paper type for the common calibration.

#### **Unique Calibration**

When you calibrate a media type using unique calibration, only the selected paper is adjusted. Other media types are not affected.

• If color calibration is executed on a media type categorized as unique calibration, new unique calibration adjustment values are set specifically for the paper.

#### Note

 If color calibration has not been executed, any newly set common calibration values will be applied.

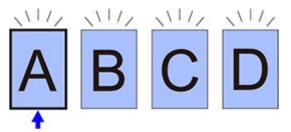
## >>>> Note

• If the paper being used does not support color calibration, execute color calibration for a media type categorized as common calibration in advance. The common calibration adjustment values even apply to the paper being used.

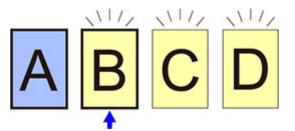
## Example: Execute color calibration with the default settings

The following describes adjusting media types A to D. A, B and D use common calibration, and C uses unique calibration.

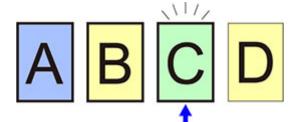
• First: Execute color calibration with media type A (categorized as common calibration)



- The calibration adjustment value of media type A is also applied to B to D for which color calibration has not been performed.
- Second: Execute color calibration with media type B (categorized as common calibration)



- The calibration adjustment value of media type B is also applied to C and D for which color calibration has not been performed.
- Media type A is not changed from the first directly set adjustment value.
- Third: Execute color calibration with media type C (categorized as unique calibration)



- The calibration adjustment value of media type C is set.
- Media types A, B and D are all unchanged from their current calibration values.
- Fourth: Execute color calibration again with media type A (categorized as common calibration)



- The calibration adjustment value of media type A is also applied to media type D for which color calibration has not been performed.
- $\,\circ\,$  Media types B and C are unchanged from their current calibration values.

# >>>> Note

- You can confirm the currently applied calibration adjustment date and the executed paper type with **Adjustment information** in **Color calibration** on the touch screen menu.
  - Performing Color Calibration

# **Replacing Consumables**

- > Checking the Ink Tank Model Number
- Replacing Ink Tanks
- Checking Ink Level
- Replacing the Print Head
- > Replacing the Maintenance Cartridge
- > Checking the Remaining Maintenance Cartridge Capacity
- Replacing the Cutter Blade

# **Checking Using Web Browser**

- 1. Start up Remote UI.
  - ➡ Start up Remote UI
- 2. Select Ink model number.

Menu	Printer status
Details When a password is set, you will be requested to enter	Ready to print
our password.	Estimated ink levels
Log in	
Manual (Online)	-
For secure communication	
Download Software	the second se
	ink model number Order My Ink Now

The screen may vary depending on the printer you are using.

# Checking Using Canon IJ Status Monitor (Windows)

- 1. Start up Canon IJ Status Monitor.
  - <u>Canon IJ Status Monitor</u>
- 2. Select Estimated ink levels.
- 3. Select Ink Model Number information.

🚱 Canon	- #,75,0.5m		- 0	х
Option Bemote I	JI Help			
	Printer is online.			<
Document Name:				_
Owner:				
Printing Page:				
Remaining Printing 1	ime of Current Page:			
		Display Send Queue	Cancel Brits	10
	MBK			
Estimated 1     Paper Feed	Maintenance Catridge Usage	jnk Model Number		_

The screen may vary depending on the printer you are using.

## >>>> Note

• For instructions on replacing the ink tanks, see <u>Replacing Ink Tanks</u>.

# **Replacing Ink Tanks**

# Compatible Ink Tanks

For details on compatible ink tanks, see Checking the Ink Tank Model Number.

You can replace ink tanks in 5.4 fl oz (160 ml), 11.2 fl oz (330 ml), and 23.7 fl oz (700 ml) capacities.

### >>>> Note

· Depending on the color, you can also use an ink tank with a different capacity.

# **Precautions When Handling Ink Tanks**

Take the following precautions when handling ink tanks.

### 1 Caution

- For safety, keep ink tanks out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.

### Important

- There may be ink around the ink holes of an ink tank you removed. Handle the ink tanks carefully during replacement. The ink may stain clothing.
- Do not install ink tanks used in this printer in another printer. This will prevent correct ink level detection, which may damage the printer or cause other problems.
- We recommend using up an ink tank in the course of printing within six months after breaking the seal. Printing quality may be affected if you use older ink tanks.
- Do not leave the printer without ink tanks installed for extended periods (a month or more). Residual ink may become clogged inside the printer and affect printing quality.

# How to Replace an Ink Tank

If a message indicates you should replace an ink tank, check the message details and go to step 2.

- 1. Selecting Ink Tank Replacement from Menu
- 2. Removing Ink Tanks
  - Removing ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))
  - Removing ink tank (23.7 fl oz (700 ml))
- 3. Loading New Ink Tanks
  - Loading ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))
  - Loading ink tank (23.7 fl oz (700 ml))

### Important

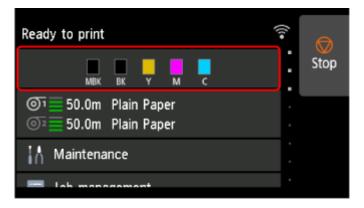
• Do not remove an ink tank during initialization immediately after turning on the printer, or during print head cleaning. Ink may leak out.

#### >>>> Note

• Ink tank replacement is possible even during printing, when print jobs are being canceled, or when paper is being advanced.

## Selecting Ink Tank Replacement from Menu

1. Select ink display area on HOME screen.



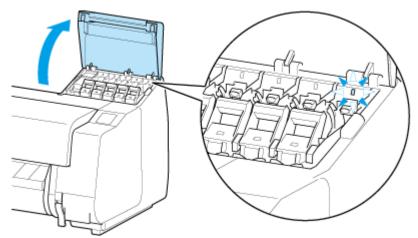
#### 2. Select Replace.

Instructions for the ink tank replacement procedure appear on the touch screen.

# Removing ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))

**1.** Open ink tank cover and check ink lamp.

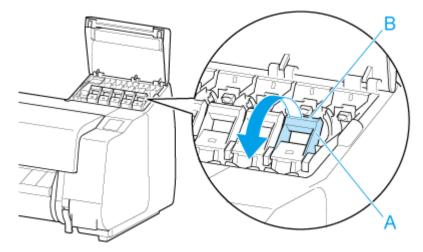
The ink lamp flashes if there is no ink left.



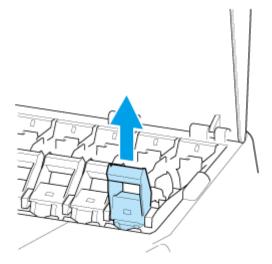
### >>>> Important

• Avoid jarring the printer a lot when replacing an ink tank. Handle the printer gently when replacing tanks. Jarring the printer during printing may affect printing quality.

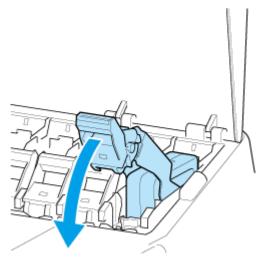
**2.** Pull the handle part (A) of the ink tank lock lever of the color to be replaced toward you while pressing the button located at the back of the handle part (B).



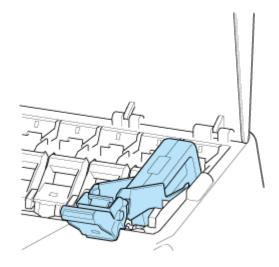
- **3.** Pull out ink tank lock lever.
  - **1.** Pull ink tank lock lever straight up.



2. Pull ink tank lock lever toward the front.

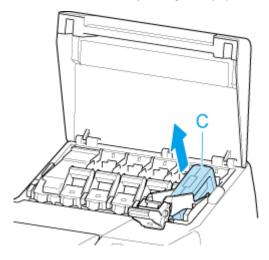


**3.** Push ink tank lock lever firmly down until it does not return.



### >>>> Note

- Check that the ink tank lock lever does not return.
- **4.** Hold the ink tank by the grips (C) and remove it.



### >>>> Important

- Do not turn off the power of the printer with the ink tank removed except in the case of the preparation for transportation. Otherwise, inside of the ink tank cover may be stained.
- Store the removed ink tank with ink remaining with the ink holes (D) facing up. Otherwise, ink may leak and cause stains. Put the removed ink tank in a plastic bag and close the bag.



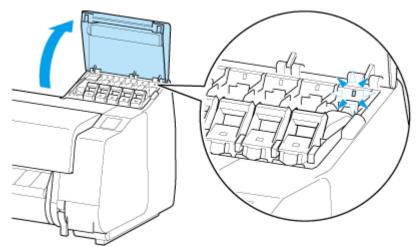
#### >>>> Note

- Dispose of the used ink tank in accordance with local regulations.
- 5. Select OK on the operation panel.

# Removing ink tank (23.7 fl oz (700 ml))

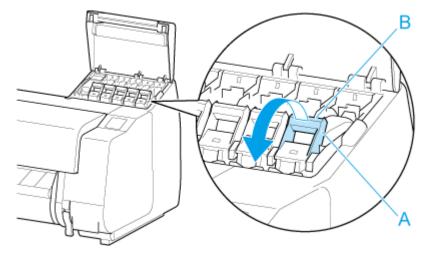
**1.** Open ink tank cover and check ink lamp.

The ink lamp flashes if there is no ink left.

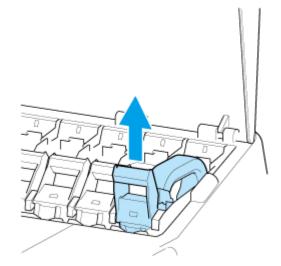


#### Important

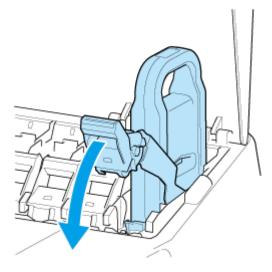
- Avoid jarring the printer a lot when replacing an ink tank. Handle the printer gently when replacing tanks. Jarring the printer during printing may affect printing quality.
- **2.** Pull the handle part (A) of the ink tank lock lever of the color to be replaced toward you while pressing the button located at the back of the handle part (B).



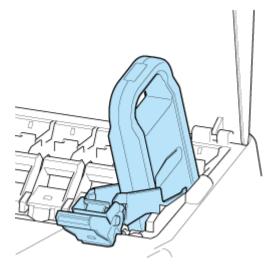
- **3.** Pull out ink tank lock lever.
  - **1.** Pull ink tank lock lever straight up.



2. Pull ink tank lock lever toward the front.



3. Push ink tank lock lever firmly down until it does not return.



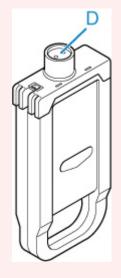
### >>>> Note

- Check that the ink tank lock lever does not return.
- 4. Use the handle (C) to remove the ink tank.



### Important

- Do not turn off the power of the printer with the ink tank removed except in the case of the preparation for transportation. Otherwise, inside of the ink tank cover may be stained.
- Store the removed ink tank with ink remaining in the box with the ink holes (D) facing up. Otherwise, ink may leak and cause stains.

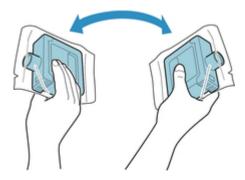


### >>>> Note

- Dispose of the used ink tank in accordance with local regulations.
- 5. Select OK on the operation panel.

# Loading ink tank (5.4 fl oz (160 ml) / 11.2 fl oz (330 ml))

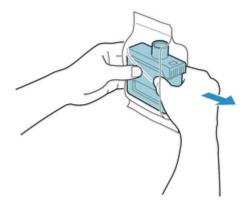
**1.** Before opening the pouch, tilt the ink tank to the left and right gently seven or eight times.



- Do not remove and agitate an ink tank that has already been installed in the printer. Ink may leak out.
- Failure to agitate the ink tank may cause the ink components to precipitate and may affect printing quality.

### >>>> Note

- If the ink tank is at a low temperature, allow it to warm up to room temperature before installing.
- 2. Open the pouch and remove the ink tank.



#### >>>> Important

• Never touch the ink holes (D) or the metal contacts (E). This may cause stains, damage the ink tank, and affect printing quality.



- Avoid dropping the ink tank after removing it from the pouch. Otherwise, ink may leak and cause stains.
- 3. Select OK on the operation panel.

**4.** Insert the ink tank into the holder with the ink holes facing down and the metal contacts at the rear.

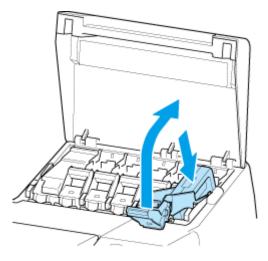


## >>>> Important

• An ink tank cannot be loaded in the holder if the color or orientation is incorrect.

If the ink tank does not fit in the holder, do not force it into the holder. Reinstall while checking the label color display, ink tank color, and ink tank orientation.

5. Lift up ink tank lock lever, and then push it down.



6. Push handle part of ink tank lock lever firmly all the way in.

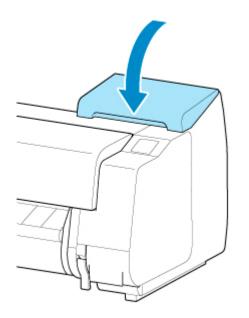


7. Make sure ink lamp is lit.



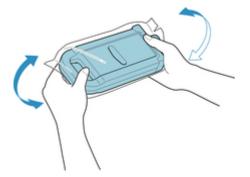
# >>>> Note

- If the ink lamp is not lit, reload the tank.
- 8. Close ink tank cover.



# Loading ink tank (23.7 fl oz (700 ml))

**1.** Before opening the pouch, hold the new ink tank with both hands and tilt it to the left and right as shown, shaking it gently seven or eight times.



### 1 Caution

• A 23.7 fl oz (700 ml) ink tank is heavy, so use your whole arm to agitate it instead of just your wrist. If you agitate the ink tank using just your wrist, you may injure your wrist.

### >>>> Important

- Do not remove and agitate an ink tank that has already been installed in the printer. Ink may leak out.
- Failure to agitate the ink tank may cause the ink components to precipitate and may affect printing quality.

#### >>>> Note

- If the ink tank is at a low temperature, allow it to warm up to room temperature before installing.
- 2. Open the pouch and remove the ink tank.



• Never touch the ink holes (D) or the metal contacts (E). This may cause stains, damage the ink tank, and affect printing quality.



- Avoid dropping the ink tank after removing it from the pouch. Otherwise, ink may leak and cause stains.
- **3.** Select **OK** on the operation panel.
- **4.** Insert the ink tank into the holder with the ink holes facing down and the metal contacts at the rear.



• An ink tank cannot be loaded in the holder if the color or orientation is incorrect.

If the ink tank does not fit in the holder, do not force it into the holder. Reinstall while checking the label color display, ink tank color, and ink tank orientation.

**5.** Lift up ink tank lock lever, and then push it down.



6. Push handle part of ink tank lock lever firmly all the way in.

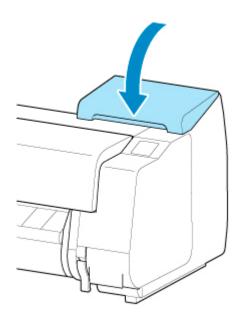


7. Make sure ink lamp is lit.



# >>>> Note

- If the ink lamp is not lit, reload the tank.
- 8. Close ink tank cover.



# **Checking Ink Level**

On the touch screen, you can check how much ink is left in the ink tank.

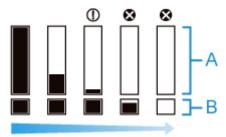
- 1. Select Ink Display Area on HOME screen.
  - Home Screen Menu Composition

The Current estimated ink levels screen appears.



This printer has ink tanks (A) and sub-ink tanks (B). Even if ink runs out, printing can continue with ink in the sub-ink tanks.

When the remaining ink is low, 🙂 will appear on the remaining ink level. When ink runs out, 😢 will appear.



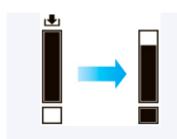
If the touch screen indicates to replace the ink tank, replace the ink tank. If a message is displayed indicating to check the remaining ink levels, or after tasks that consume a lot of ink such as large-format printing or head cleaning, check the remaining levels and replace ink tank as needed.

Replacing Ink Tanks

#### >>>> Note

- Select Order ink now to view the ink supplier information.
- When the ink tank is replaced, the sub-ink tank will be filled with ink.

During this time, **L** is displayed above the ink level.



# **Replacing the Print Head**

If the touch screen indicates to replace the print head or if instructed to do so by your Canon dealer, replace the print head.

# **Compatible Print Head**

For details on compatible print head, see Print Head.

# **Precautions When Handling Print Head**

Take the following precautions when handling the print head.

### 1 Caution

- For safety, keep print head out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.
- Do not touch the print head immediately after printing. The print head becomes extremely hot, and there is a risk of burns.

### Important

- There may be ink around the nozzles of the print head you remove. Handle the print head carefully during replacement. The ink may stain clothing.
- Do not open the print head pouch until immediately before installation. After removing the print head from the pouch, install it right away. If the print head is left as is after the pouch is opened, the nozzles may dry out, which may affect printing quality.

# How to Replace Print Head

### 1 Caution

• When replacing the print head immediately after printing, wait a few minutes before replacing it. The metal parts of the print head become hot during printing, and there is a risk of burns from touching these parts.

### Important

• Your hands may become dirty during print head replacement. Use the gloves provided in the box with the new print head for replacement.

### Note Note

- Prepare a new ink tank when ink levels are low.
- Prepare a new maintenance cartridge when the remaining capacity of the maintenance cartridge is low.

#### 1. Remove any paper that has been fed.

- Removing the Roll from the Printer
- Removing Roll Paper from the Roll Unit

- Removing Sheets
- 2. Clean inside top cover.
  - <u>Cleaning Inside the Top Cover</u>



3. Select Maintenance on HOME screen.

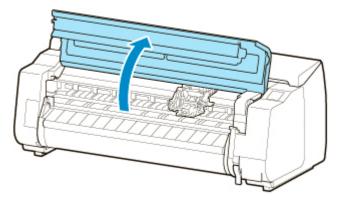
4. Select Head Replacement.

#### 5. Select Start head replacement..

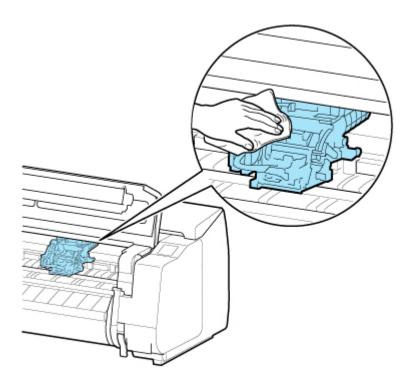
Ink begins being drawn in. When it finishes, instructions for the print head replacement procedure appear on the touch screen.

It takes about 3 minutes for ink to be drawn into the system and remove ink from the print head.

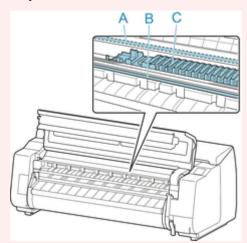
6. Open top cover.



**7.** If the print head locking cover and print head lock lever are dirty, use a damp cloth that you have wrung out completely to wipe them clean.

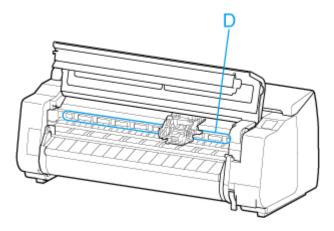


• Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.

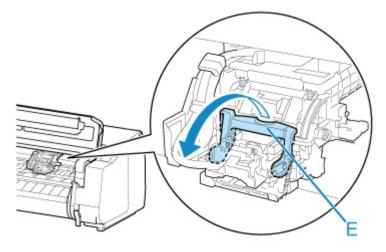


- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.
- **8.** If ventilation duct (D) is dirty, use damp cloth that you have wrung out completely to wipe it clean.

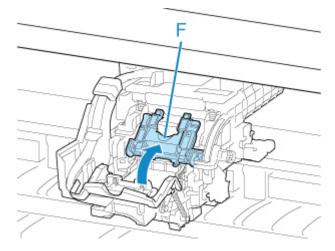
If the Carriage is obscuring the ventilation duct, move the Carriage manually before cleaning the duct.



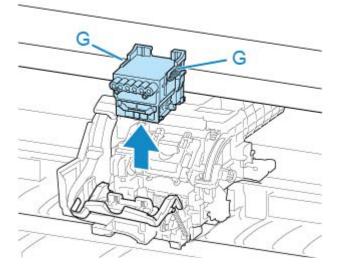
**9.** Put your finger on center part (E) of print head lock lever and tilt it toward the front.



**10.** Grab grip (F) and open print head locking cover.



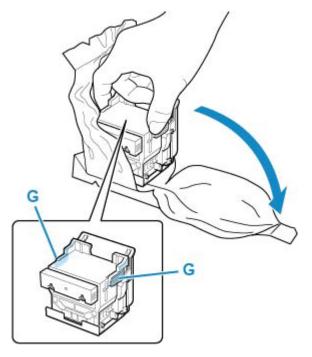
**11.** Hold the grip (G) and remove the print head.



• Never touch the metal contacts of the carriage. Furthermore, do not allow any dirt or debris to become adhered to the metal contacts of the carriage. These may damage the printer.

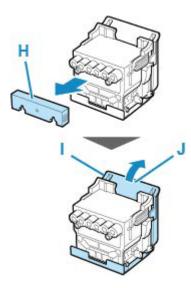
#### >>>> Note

- Dispose of the used print head in accordance with local regulations.
- 12. Select OK on the operation panel.
- **13.** Take print head out of pouch by grabbing the grip (G).

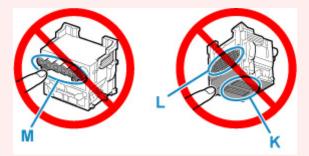


**14.** Remove orange protective caps (H,I).

Hold grip (J) and remove protective cap (I).

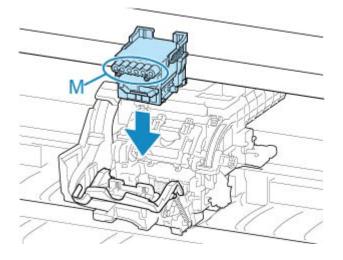


- Always handle the print head by the right and left grips. Never touch nozzle (K) or metal contacts (L). This may damage the print head and affect printing quality.
- Never touch the ink holes (M). This may affect printing quality.

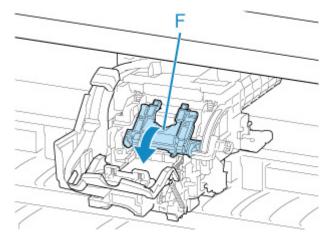


- The inside surface of the protective cap is coated with ink to protect the nozzle. Be careful not to touch these surfaces when removing the caps.
- The print head contains ink to protect the nozzle. We recommend removing the protective cap while holding it over the pouch that contained the print head or otherwise safely out of the way to avoid spilling ink and staining your clothes or the surrounding area. If ink accidentally spills, wipe off the ink with a dry cloth.
- If you need to put a print head somewhere temporarily before installation, do not set it down with the nozzles and metal contacts facing down. If the nozzles or metal contacts are damaged, it may affect the printing quality.
- Do not reattach the removed protective part. Dispose of these materials in accordance with local regulations.
- **15.** Turn ink holes (M) toward the front and insert print head into carriage.

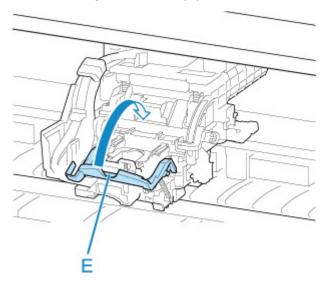
Insert the print head all the way into the carriage, while taking care to keep parts that were protected by the protective caps from touching the carriage.



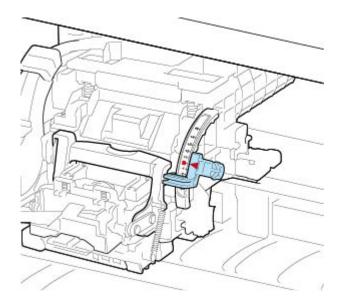
**16.** Grasp tab (F) of print head locking cover and lower it to front to lock print head.



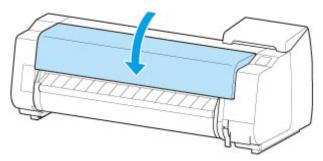
**17.** While holding center part (E) of print head lock lever, lower it toward back.



**18.** Adjust angle adjustment lever to the position of the red square.



**19.** Close top cover.



Ink now fills the print head. It takes about 12 minutes.

## >>>> Important

• While ink is being filled, definitely do not remove the ink tank or maintenance cartridge. Ink may leak out.

### >>>> Note

• Print head position adjustment is executed when **Print pattern after new head** is set to **ON**.

Follow the instructions on the touch screen to load paper.

➡ Auto maintenance settings

# **Compatible Maintenance Cartridges**

For details on compatible maintenance cartridge, see Maintenance Cartridge.

# **Precautions When Handling Maintenance Cartridge**

Take the following precautions when handling the maintenance cartridge.

### \rm Caution

- For safety, keep maintenance cartridge out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.

### >>>> Important

- Do not remove the maintenance cartridge except to replace it. Ink may leak out.
- Do not remove a maintenance cartridge during initialization immediately after turning on the printer, during print head cleaning, while ink is being drawn out, or during initialization immediately after replacing the maintenance cartridge.

The maintenance cartridge may become damaged or ink may leak out.

- To prevent ink from leaking from a used maintenance cartridge, avoid dropping the cartridge or storing it at an angle. Otherwise, ink may leak and cause stains.
- Ink adheres to the top of the maintenance cartridge after it has been used. Handle the maintenance cartridge carefully during replacement. The ink may stain clothing.

# How to Replace a Maintenance Cartridge

If a message indicates you should replace a maintenance cartridge, check the message details and go to step 4.



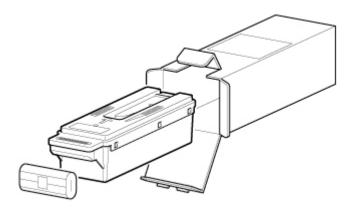
ct **Maintenance** on HOME screen.

2. Select Maintenance cartridge info.

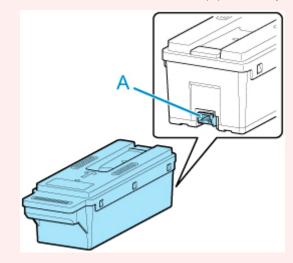
#### 3. Select Replace.

Instructions for the maintenance cartridge replacement procedure appear on the touch screen.

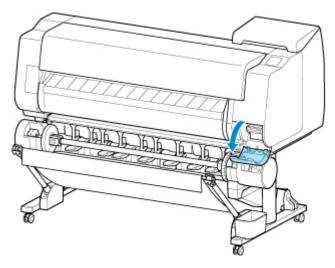
4. Open box, and remove plastic bag and maintenance cartridge.



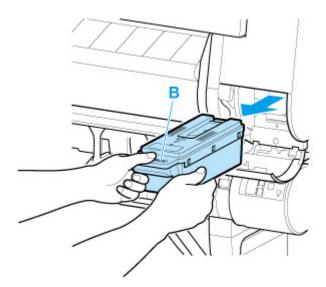
• Never touch the metal contacts (A). This may damage the maintenance cartridge.



**5.** Open maintenance cartridge cover.

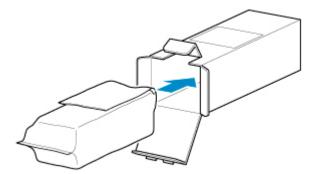


**6.** Hold the used maintenance cartridge by the grip (B) with one hand and put your other hand under the maintenance cartridge to hold it firmly on the bottom, keeping it level as you pull it out.



### Important

- A used maintenance cartridge is heavy. Always grasp the cartridge firmly and keep the cartridge level during removal. If you drop a used maintenance cartridge or store it at an angle, ink may leak and cause stains.
- 7. Put used maintenance cartridge in supplied plastic bag and store on flat surface.
- **8.** Check the top and bottom of the maintenance cartridge, place in the box, and store the box on a flat surface.

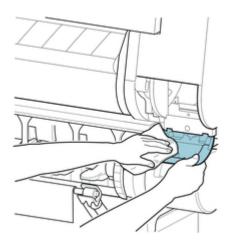


#### >>>> Important

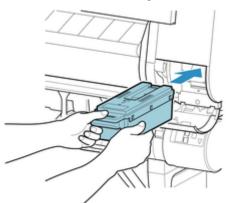
• Always put the used maintenance cartridge back in the box and store the box on a flat surface.

### >>>> Note

- Dispose of the used maintenance cartridge in accordance with local regulations.
- **9.** Wipe away any soiling on the maintenance cartridge cover.



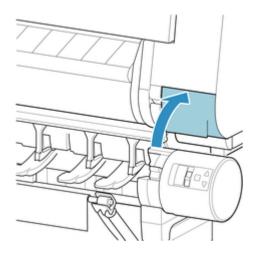
- Support the maintenance cartridge cover from underneath as you wipe it.
- **10.** Keeping the new maintenance cartridge level, insert it all the way in.



The maintenance cartridge is initialized.

### >>>> Important

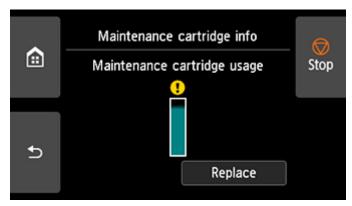
- Do not remove the maintenance cartridge during initialization immediately after replacing the maintenance cartridge. The maintenance cartridge may become damaged.
- **11.** Close maintenance cartridge cover.



# **Checking the Remaining Maintenance Cartridge Capacity**

The maintenance cartridge absorbs excess ink from borderless printing and print head cleaning. You can confirm the remaining capacity of the maintenance cartridge by checking the touch screen.

- 1. Select Maintenance on HOME screen.
- 2. Select Maintenance cartridge info.



If the touch screen indicates to replace the maintenance cartridge, replace the maintenance cartridge.

If a message appears indicating to check the remaining capacity of the maintenance cartridge, or before tasks that deplete much of the capacity such as head cleaning or preparations to move the printer, check the remaining maintenance cartridge capacity and prepare a new maintenance cartridge as needed.

Replacing the Maintenance Cartridge

# **Replacing the Cutter Blade**

# **Compatible Cutter Blade**

For details on compatible cutter blade, see Cutter Blade.

# How to Replace Cutter Blade

- 1. Remove any paper that has been fed.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
  - Removing Sheets



Maintenance on HOME screen.

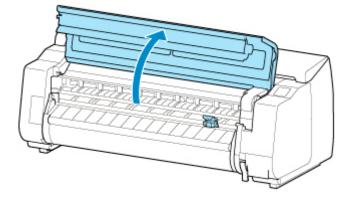
- 3. Select Replace cutter blade unit.
- 4. Select Yes.

2. Select

The carriage moves and after it stops moving, instructions for the cutter blade replacement procedure appear on the touch screen.

#### >>>> Note

- If you do not take action within 2 minutes, cutter blade replacement is canceled. In this case, start over replacement from the beginning.
- 5. Open top cover.

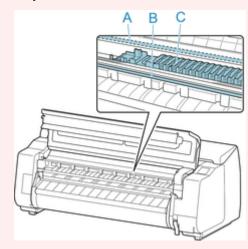


**6.** If cutter blade is dirty, use damp cloth that you have wrung out completely to wipe it clean.

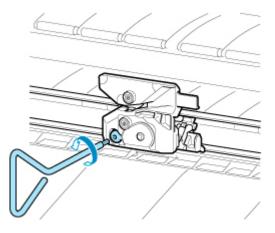
#### Important

• Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

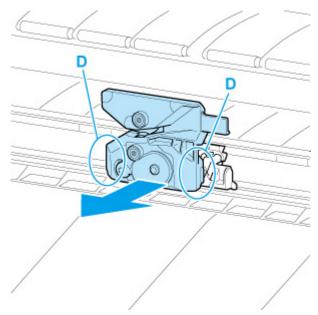
• Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



7. Turn hex screw with hex wrench until loose.



8. Remove cutter blade while holding D.

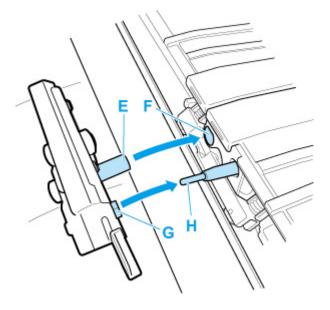


### 1 Caution

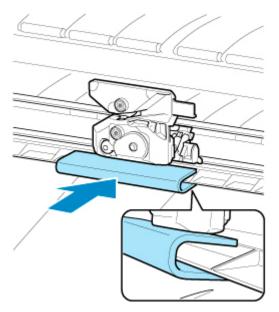
- Never touch any part other than D. This may stain your hands or cause injury. Additionally, this may damage the printer.
- Do not disassemble the cutter blade. Touching the blade may cause injury.

### >>>> Note

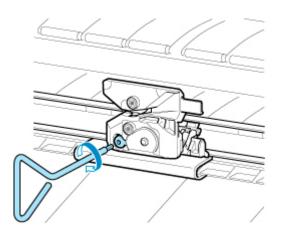
- Dispose of the used cutter blade in accordance with local regulations.
- **9.** Install new cutter blade while aligning E to F and G to H.



**10.** Install while aligning fixing part included with replacement cutter blade with center of cutter blade.



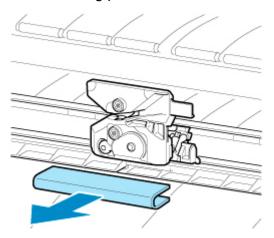
**11.** Turn hex screw until securely fixed.



### >>>> Important

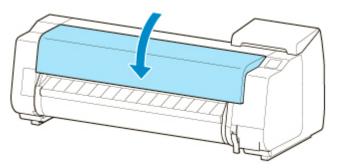
• After the cutter blade is secured, check that the cutter blade does not come off. If the cutter blade comes off, this may damage the printer.

### 12. Remove fixing part.



### >>>> Important

- Always remove the fixing part. Operating with the part installed may damage the printer.
- **13.** Close top cover.



**14.** Confirm the message and select **Yes**.

### **Cleaning the Printer**

- > Cleaning the Printer Exterior
- Cleaning Inside the Top Cover
- Cleaning the Roll Unit

### **Cleaning the Printer Exterior**

Clean the printer regularly to maintain better printing quality and help prevent problems.

To ensure a comfortable working environment, clean the printer exterior about once a month.

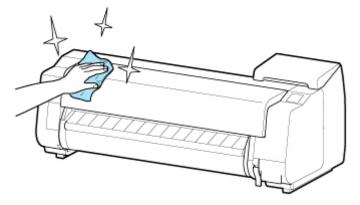
### Important

- When the sensor of the feed slot is dirty, the printer might not perform auto feeding properly. Even if the sensor seems clean, we recommend cleaning it because it may have paper dust on it.
- 1. Turn printer off.
  - ➡ Turning the Printer On and Off
- **2.** Unplug power cord from outlet.

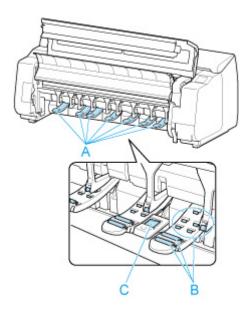


- Always turn off the printer and unplug the power cord before cleaning or maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.
- **3.** Wring out a soft cloth dampened with water or watered-down neutral detergent, and use it to wipe off any dirt.

Clean the printer exterior and the power cord plug.



Open the top cover and output guide and clean parts that come in contact with paper (A, B), sensor (C) and window on the back side of the top cover.



### 1 Warning

• Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

### Important

- If the output guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the output guide even if it does not appear dirty, because it may actually be covered with paper dust.
  - <u>Cleaning Inside the Top Cover</u>
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.
- When neutral detergent is used, be sure to wipe off the detergent with soft cloth with water.
- 4. When dirt is wiped off, wipe off water with dry soft cloth.
- 5. Plug power cord into outlet.

### **Cleaning Inside the Top Cover**

Clean inside the top cover about once a month to maintain better printing quality and help prevent problems.

Also clean inside the top cover in the following situations to ensure optimal operation.

- If the printed surface or the underside of paper is dirty after printing
- After you have used up a roll
- After borderless printing
- · After printing on small paper
- · After printing on paper that generates a lot of cutting debris
- If you have replaced the roll
- · After printing on paper that generates a lot of paper dust
- · After printing on adhesive paper

### Important

- If the platen inside the top cover becomes dirty, it may soil the underside of paper. We recommend cleaning the platen after borderless printing or printing on small paper.
- If the output guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the output guide even if it does not appear dirty, because it may actually be covered with paper dust.
- Printing on adhesive paper may leave adhesive on the platen, paper retainer, or other parts. To prevent paper jams, we recommend cleaning inside the top cover after printing.
- · Cleaning may not be performed if there is paper in the cleaning area. Remove the paper.

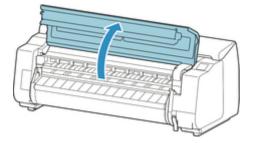


1. Select Maintenance on HOME screen.

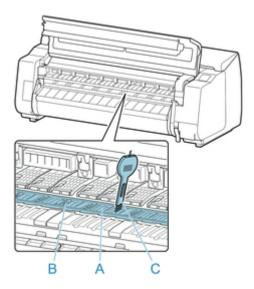
- 2. Select Platen cleaning.
- 3. Check the contents of the message and select Yes.

The carriage moves and after it stops moving, instructions appear on the touch screen.

4. Open top cover.

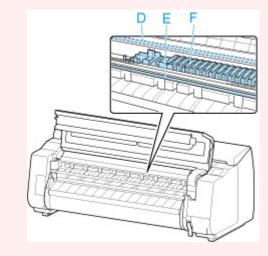


**5.** If paper dust has accumulated in vacuum holes (A) on platen or in ink grooves (B), use cleaning brush (C), provided with printer, to wipe it away.



### >>>> Important

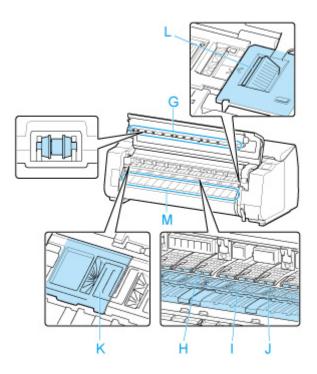
• Do not touch the linear scale (D), carriage shaft (E), or ink tube stabilizer (F). Touching these may cause malfunction.



### >>>> Note

- If the cleaning brush is dirty, rinse it in water.
- **6.** Using a damp cloth that you have wrung out completely, wipe inside the top cover to clean it.

Wipe away any ink residue and paper dust (debris from cutting) on top cover roller (G), paper retainer (H), entire platen (I), ink grooves (J, K, L) and its surroundings, output guide (M), and so on.



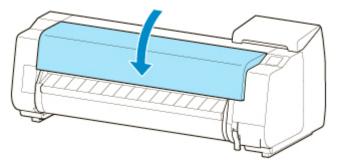
### A Warning

• Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

### >>>> Important

- Do not use a dry cloth to wipe inside the top cover. This may create a static charge, which may attract dust and affect the printing quality.
- Do not use tissue paper, paper towels, rough-textured cloth, or similar materials for cleaning so as not to scratch the surface.

### 7. Close top cover.



### **Cleaning the Roll Unit**

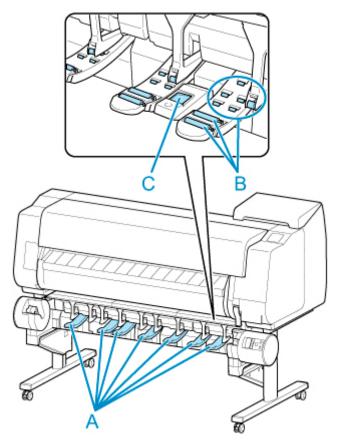
About once a month, clean the roll unit to ensure optimal operation.

### Important

- When the sensor of the feed slot is dirty, the printer might not perform auto feeding properly. Even if the sensor seems clean, we recommend cleaning it because it may have paper dust on it.
- 1. Remove the roll paper from the roll unit.
  - Removing Roll Paper from the Roll Unit
- **2.** Turn printer off.
  - Turning the Printer On and Off
- 3. Unplug power cord from outlet.

### 1 Caution

- Always turn off the printer and unplug the power cord before cleaning or maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.
- **4.** Wipe away any residue and paper dust from areas (A, B) that come in contact with paper and sensor (C) with a thoroughly wrung out damp cloth, and wipe dry with a dry cloth.



### \rm Marning

- Never use flammable solvents such as alcohol, benzine, or thinner. If these substances come into contact with electrical components inside the roll unit, there is a risk of fire or electrical shock.
- 5. Plug power cord into outlet.

# Performing Maintenance Functions from Your Computer (Windows)

- Cleaning the Print Heads
- > Printing a Nozzle Check Pattern

### **Cleaning the Print Heads**

The print head cleaning function allows you to clear up clogged print head nozzle. Perform print head cleaning if printing is faint or a specific color fails to print, even though there is enough ink.

The procedure for print head cleaning is as follows:



## Print Head Cleaning

- 1. Open the printer driver setup window
- 2. Click Print Head Cleaning on the Utility tab

When the **Print Head Cleaning** dialog box opens, make sure that the printer is on, and then click **OK**. Print head cleaning starts.

### >>>> Note

• After Cleaning is complete, perform Print Nozzle Check Pattern and check the cleaning results.

### **Related Topic**

Printing a Nozzle Check Pattern

### Printing a Nozzle Check Pattern

The nozzle check function allows you to check whether the print head is working properly by printing a nozzle check pattern. Print the pattern if printing becomes faint, or if a specific color fails to print.

The procedure for printing a nozzle check pattern is as follows:



### Print Nozzle Check Pattern

- 1. Open the printer driver setup window
- 2. Load paper in the printer
- 3. Click Print Nozzle Check Pattern on the Utility tab

The Print Nozzle Check Pattern dialog box opens.

4. Select the paper source

Select the paper source from the displayed dialog box.

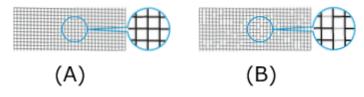
5. Print a nozzle check pattern

Make sure that the printer is on and click **OK**. Printing of the nozzle check pattern begins.

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

### 6. Check the print result

Check the print results.



(A) As long as the horizontal lines are in line, and not missing, the nozzle is working normally.(B) Where the horizontal lines are not in line or are missing, the color nozzle is blocked.

### >>>> Note

• From the nozzle check pattern printing results, if it becomes patchy or there are areas that cannot be printed, use **Print Head Cleaning** to clean the print heads. Once cleaning is complete, print the nozzle check pattern again and check the results.



Cleaning the Print Heads

### **Other Maintenance**

- > Preparing to Transfer the Printer
- Reinstalling the Printer
- Firmware update

### Preparing to Transfer the Printer

To protect the internal parts in transit, always follow these steps before transferring the printer to a new location.

For details on installing the printer after transfer, see Reinstalling the Printer.

### >>>> Important

- Be sure to contact your Canon dealer before transferring the printer to a new location. Ink may leak and damage the printer if you do not prepare the printer correctly and it is tipped or stood on end in transit.
- When moving the printer, make sure that the basket does not rub against the floor. If the basket rubs on the floor, it may get dirty or damaged.
- When you select **Prepare to move**, any registered web services will be canceled. After moving your printer, set up your web services again.

Web service setup

### >>>> Note

- The maintenance cartridge replacement may be required when you execute the Prepare to move menu. Prepare the maintenance cartridge in advance while referring below. The number of maintenance cartridge required varies depending on the amount remaining in the maintenance cartridge being used.
- If you can move the printer in a level state using casters or something similar, you do not need to execute **Prepare to move**.
- Always follow the instructions of the service representative when preparing to transfer the printer.

The following lists transport restrictions by type of transport.

#### Move indoors on the same floor

Usage Examples: Move indoors by carrying

- Transport and storage in low temperature environments: No
- Permitted angle of inclination: All directions: within 30°
- Required maintenance cartridges: 1-2

#### Move indoors to a different floor

Usage Examples: Moving the printer while temporarily tilting it such as when using the stairs

- Transport and storage in low temperature environments: No
- Permitted angle of inclination: All directions: within 90°
- Required maintenance cartridges: 1-2

#### **Transport outdoors**

Usage Examples: Transport By Vehicle

- Transport and storage in low temperature environments: Yes
- Permitted angle of inclination: All directions: within 90°
- Required maintenance cartridges: 2

### **Preparing for Transportation**

- 1. Remove the paper.
  - Removing the Roll from the Printer
  - <u>Removing Roll Paper from the Roll Unit</u>
  - Removing Sheets
- **2.** If touch screen indicates to replace maintenance cartridge, replace maintenance cartridge.
  - <u>Replacing the Maintenance Cartridge</u>



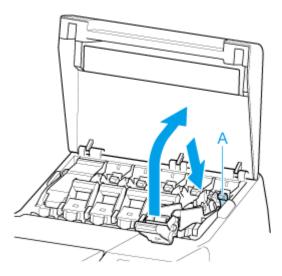
- 3. Select Maintenance on HOME screen.
- 4. Select Prepare to move.
- 5. Select Move indoors on the same floor, Move indoors to a different floor or Transport outdoors.
- 6. Check the contents of the message and select Yes.

The printer is now prepared for transfer.

When the preparation is finished, a message prompting you to open the ink tank cover appears on the touch screen.

### Important

- If consumables must be replaced, a message appears on the touch screen, and preparation is disabled. If the message appears, select **OK** and contact your Canon dealer for assistance.
- 7. Open ink tank cover to remove all ink tanks.
  - Removing ink tank
- **8.** Push down release lever (A) as shown as you gently return all ink tank lock levers to their original positions.



9. Close ink tank cover.

Ink is now drawn into the maintenance cartridge.

A confirmation message will appear when the process is finished.

#### >>>> Important

 Do not remove the maintenance cartridge except when the message indicating replacement is displayed.

If you remove the maintenance cartridge while ink is being removed, the ink may leak out.

#### **10.** Turn printer off.

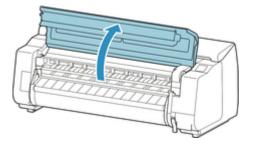
➡ Turning the Printer On and Off

### **Packing Printer**

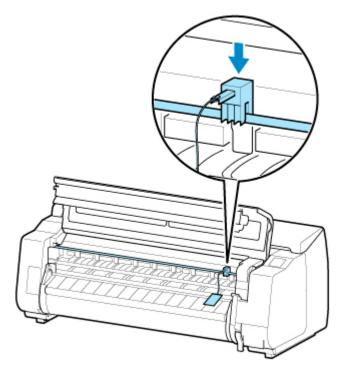
1. Disconnect power cord and interface cable.

#### Important

- Turn off the printer before you unplug it. Unplugging the printer before it is off and moving it may damage the printer. If you accidentally unplug the printer, plug it in again, reinstall the ink tanks, and follow this procedure again.
- 2. Open top cover.

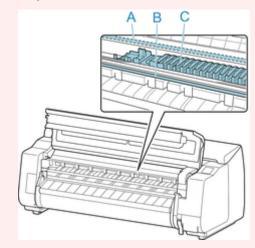


**3.** Grasp Belt and insert Belt Stopper into position shown.

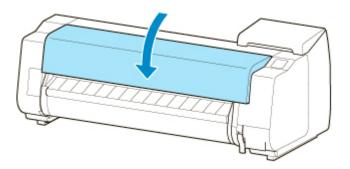


### >>>> Important

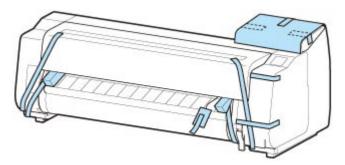
- Attach the Belt Stopper that was removed and stored after initial installation. Neglecting to attach the Belt Stopper may damage the printer.
- Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



4. Close top cover.



**5.** Tape down printer covers to secure them, in the reverse order of tape removal during installation.



- 6. Remove basket or stacker by reversing installation procedure.
- 7. Remove roll unit by reversing installation procedure.
- **8.** Remove the Stand by reversing the installation procedure, when it was attached to the printer.
- **9.** Disassemble and repackage the stand by following the installation procedure in reverse.
- **10.** Repack roll holder, holder stopper, and printer in shipping materials, and then package them in shipping box.

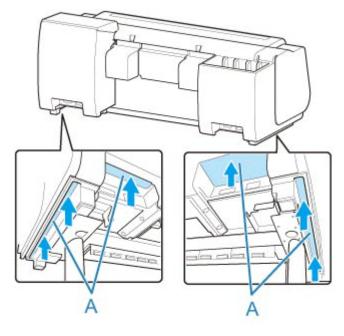
### **Reinstalling the Printer**

The basic workflow for reinstalling the printer is as follows.

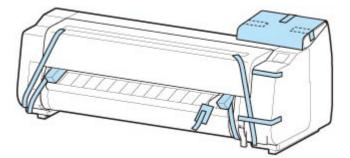
For detailed instructions, see the Installation Guide.

### \rm Caution

- Moving the printer requires at least six people, holding it on both sides. Be careful to avoid back strain and other injuries.
- When carrying the printer, hold it securely by the carrying grips (A) on the bottom left, right, and rear. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.



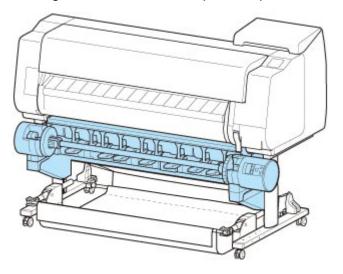
**1.** Remove tape and packaging material attached to the printer.



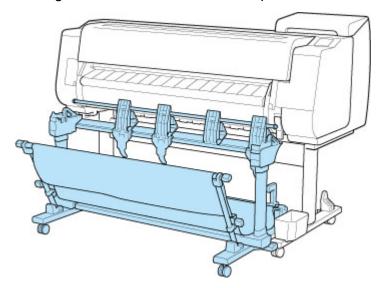
- **2.** Open the top cover and remove the belt stopper.
- **3.** Referring to the Printer Stand Setup Guide, assemble the Stand.



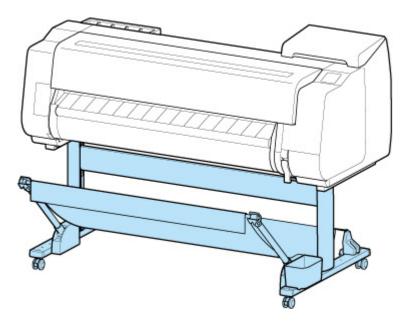
- The Stand must be assembled by at least two people on a flat surface. Attempting assembly by yourself poses a risk of injury or bending the Stand.
- When assembling the Stand, lock the casters. In addition, always unlock the casters before moving the assembled Stand. Attempting to move the stand when the casters are locked poses a risk of injury or damage to the location site.
- When placing the printer on the stand, lock all four of the casters of the stand. Attempting to place the printer on the stand while the casters are not locked poses a risk of injury.
- 4. If using roll unit, refer to Setup Guide provided with roll unit and attach roll unit to Stand.



5. If using stacker, refer to Stacker Setup Guide and attach stacker to the printer.

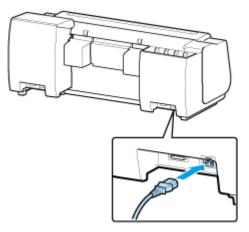


6. If using basket, refer to Printer Stand Setup Guide and attach basket to Stand.





- The basket included with the stand cannot be used while using the stacker.
- 7. Connect the power cord to the power cord connector on the back of the printer.



- 8. Plug the power cord into the outlet.
- **9.** Turn printer on.
  - ➡ Turning the Printer On and Off
- **10.** Check the contents of the message and select **Yes**.
- **11.** Open the ink tank cover and install all ink tanks.
  - ➡ Loading ink tank
- **12.** Install the software.

Note that the driver installation procedure varies depending on the type of connection.

- ➡ Installing the Printer Driver (Windows)
- Installing the Printer Driver (macOS)

### >>>> Important

- When you select **Prepare to move**, any registered web services will be canceled. After moving your printer, set up your web services again.
  - ➡ Web service setup

### Firmware update

### Important

- When you use this function, make sure the printer is connected to the Internet.
- The administrator password is required to change settings if it is enabled for changing settings using the operation panel.

### **Using Operation Panel**



1. Select Printer settings on the HOME screen.

### 2. Select Firmware update.

If an administrator password is set, enter the password.

### 3. Select Install update.

- 4. Select Yes.
- 5. Check message and select Start update.

### Using Remote UI

- 1. Start up Remote UI.
  - Start up Remote UI
- 2. Select Firmware update.
- 3. Select Install update.
- 4. Check message and select Update.

### >>>> Note

- If the firmware update is not complete, check the following and take an appropriate action.
  - Check the network settings such as a wireless router.
  - If Cannot connect to the server. is displayed on the touch screen, select OK and try again after a while.

**Problems with the Printing Quality** 



Unevenness, Banding, Faint

- Printing is faint
- Banding in different colors occurs
- Colors in printed images are uneven
- ➡ Image edges are blurred or white banding occurs



dirt

- ➡ Paper rubs against the Print Head
- ➡ The edges of the paper are dirty
- ➡ The surface of the paper is dirty
- ➡ The back side of the paper is dirty
- Immediately after borderless printing, the trailing edge margin is soiled during regular printing



#### colors are inaccurate

➡ Printed colors are inaccurate

Documents are printed in monochrome



Line

- Line thickness is not uniform
- Lines or colors are misaligned

#### Others

- ➡ The length of the printed image in the paper ejection direction is not accurate
- ➡ Images are printed crooked
- Margins are wide
- Borders appear in borderless printing
- ➡ When printing on roll paper, the printed surface becomes scratched

### General FAQ

- ➡ The printer does not respond even if print jobs are sent
- Printing stops and an error message is displayed
- Failed to Printer Driver Installation (Windows)
- Removing Printer Software

### Search by Category

**Cannot Configure Network Settings** 

- Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen
- "Failed to connect to the wireless router." Appears
- Taking Time to Setup Process (Windows)

#### Cannot Find Printer on Network

- Cannot Connect Printer to Network
- <u>Cannot Find Printer During Setup</u>
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- Searching Printer by IP Address or Host Name During Setup

#### **Cannot Print over Network**

- Cannot Print over TCP/IP Network
- Cannot Print over Bonjour networks
- Cannot Print Using AirPrint

#### **Network Connection Problems**

- Network Settings and Common Problems
- Cannot Connect to the Printer

#### **Printer Problems**

- Printer Does Not Turn On
- Messages advising to check the maintenance cartridge are not cleared
- The Data lamp on the Operation Panel does not light up
- If the Printer Makes a Strange Sound
- Printed pages are not collected cleanly in the basket
- Printed pages are not collected cleanly in the stacker
- Basket Lurches
- Warning Message is Displayed When Performing Color Calibration

#### Paper is not Fed or Ejected Properly

- Remove Jammed Roll Paper
- Remove a Jammed Sheet
- Roll paper cannot be inserted into the Paper Feed Slot
- Cannot load sheets
- Roll Paper Is not Fed Automatically
- Roll Paper Is not Switched Automatically
- Paper Source Does Not Switch When Roll Paper Is Used Up
- Roll Paper Remains/Lacks under Quantity Management
- The printer ejects blank, unprinted paper

#### Paper Cutting Problems

- Paper is not cut
- Paper is not cut straight
- Cutter Blade Does Not Work While Cutting Is in Progress
- I want to know how to configure roll cutting
- ▶ I want to configure so that the roll is cut automatically after waiting for the ink to dry
- When Trim edge first is set, the trimmed paper is drawn into the roll unit

#### **Paper Setting Problems**

- Paper widths with high transparency cannot be detected
- Paper types that can be used with this printer / What paper type to select

- Estimated paper type does not match the loaded paper type
- The paper type that I want to print is not displayed on the Touch Screen

#### **Ink-related Problems**

- Printer consumes a lot of ink
- Ink Level Detection
- Does this printer support sub-ink tank system

#### **About Print Settings**

- How do I print without borders
- I want to easily create vertical or horizontal banners
- Can I perform duplex printing
- I want to perform enlargement printing

#### HP-GL/2 problems

- ➡ With HP-GL/2, printing is misaligned
- Lines or images are missing in printed HP-GL/2 jobs
- Lines are printed too thick or thin in HP-GL/2 print jobs
- HP-GL/2 jobs are printed in monochrome (or color)
- Printed colors of lines are inaccurate during HP-GL/2 printing
- HP-GL/2 jobs are printed 6 mm larger than specified
- HP-GL/2 jobs are printed at maximum size, even if a standard size is specified
- HP-GL/2 printing takes a long time
- The printer stops when printing a HP-GL/2 job (the carriage stops moving)



### The printer does not respond even if print jobs are sent





### Check 1 Is **Pause printing** set to **Enable**?

Set Pause printing on the touch screen menu to Disable.

Check 2 Is USB or LAN connection disabled?

• For USB connection:

Set Use USB connection on the touch screen menu to Use.

• For LAN connection (wired/Wi-Fi/Wireless Direct):

Set Enable/disable Wired LAN, Enable/disable Wi-Fi, or Enable/disable Wireless Direct on the touch screen menu to Enable.

#### >>>> Note

• The printer cannot use a wired LAN connection simultaneously with a Wi-Fi or wireless direct connection.

### Check 3 Is Save to job box selected as the printer Output method?

Print the job saved on the printer's hard disk.

Printing Saved Jobs

Check 4 Is the print job pending?

Manage the jobs on hold and print as needed.

Printing Pending Jobs



### Printing stops and an error message is displayed

## Δ

If the action indicated in the error message does not solve the problem, the roll paper may be stuck and not able to be advanced.

Check 1 Is the loaded roll paper touching printer parts, etc.?

If the loaded roll paper is touching printer parts, load the roll paper again.

- Removing the Roll from the Printer
- Removing Roll Paper from the Roll Unit

### Check 2 Is the roll paper proper to use?

Check the outer diameter and paper thickness of the roll paper that can be used with your printer.

Paper Sizes

## **Q** Failed to Printer Driver Installation (Windows)

## A

• If you cannot get past the Printer Connection screen:

No Printers Found	
Click [Next], and then set up your	printer by following the displayed guide.
	If your printer is not found even after reading the guide
Back to Top	Next

### Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen

#### Other cases:

Reinstall the printer driver.

If the printer driver was not installed correctly, uninstall the printer driver, restart your computer, and then reinstall the printer driver.

### Deleting the Unnecessary Printer Driver

Reinstall the printer driver with the Setup CD-ROM or install it from the Canon website.

### Note

• If the installer was stopped due to a Windows error, Windows operation may be unstable, and you may not be able to install the drivers. Restart your computer and then reinstall the drivers.

## **Q** Removing Printer Software

## A

Follow the steps below to remove utility software installed on the computer.

### Important

• You must log in as an administrator or have administrator permissions.

### >>>> Note

- See the pages below for how to remove printer drivers.
  - <u>Deleting the Unnecessary Printer Driver</u> (Windows)
  - Delete the Unnecessary Canon IJ Printer from the Printer List (macOS)

### Removing the Wi-Fi Connection Assistant (Windows)

Follow the steps below to remove the Wi-Fi Connection Assistant.

- Windows 11
  - 1. Click Start, and then select Windows Tools from All Apps.
  - 2. Select Control Panel.
  - **3.** Under **Programs**, select **Programs and Features**, select Wi-Fi Connection Assistant from the list of programs, and then click **Uninstall**.
- Windows 10
  - 1. Click start, select Windows System, and then select Control Panel.
  - **2.** Under **Programs**, select **Programs and Features**, select Wi-Fi Connection Assistant from the list of programs, and then click **Uninstall**.

• Windows 8.1

- 1. Use the Settings charm on the desktop to open the Control Panel.
- **2.** Under **Programs**, select **Programs and Features**, select Wi-Fi Connection Assistant from the list of programs, and then click the **Uninstall** button.
- Windows 7
  - 1. Select Control Panel from the start menu.

### 2. Select Uninstall a program.

3. Select Wi-Fi Connection Assistant, and then click the Uninstall button.

### >>>> Note

• If the User Account Control dialog box is displayed, click Yes.

### Removing the Wi-Fi Connection Assistant (macOS)

Follow the steps below to remove the Wi-Fi Connection Assistant.

- Select Applications from Go menu of Finder, double-click Canon Utilities > Wi-Fi Connection Assistant, and then drag Canon Wi-Fi Connection Assistant icon into Trash.
- 2. Restart computer.

Empty the **Trash** and restart your computer.

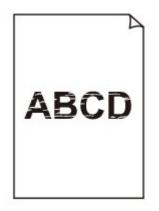
### >>>> Note

• To reinstall Wi-Fi Connection Assistant, uninstall Wi-Fi Connection Assistant and install it again from the Canon website.

### Problems with the Printing Quality

- Printing is faint
- Banding in different colors occurs
- Colors in printed images are uneven
- Image edges are blurred or white banding occurs
- Paper rubs against the Print Head
- > The edges of the paper are dirty
- > The surface of the paper is dirty
- The back side of the paper is dirty
- Immediately after borderless printing, the trailing edge margin is soiled during regular printing
- Printed colors are inaccurate
- > Documents are printed in monochrome
- Line thickness is not uniform
- Lines or colors are misaligned
- > The length of the printed image in the paper ejection direction is not accurate
- Images are printed crooked
- Margins are wide
- Borders appear in borderless printing
- > When printing on roll paper, the printed surface becomes scratched

## **Q** Printing is faint





Check 1 Is the reverse side of the paper being used for printing?

Print on the printing surface.

Check 2 Is the Print head nozzle blocked?

Print a test pattern to check the nozzles and see if they are clogged.

<u>Checking for Nozzle Clogging</u>

### >>>> Note

• To automatically check for nozzle blockages after printing, set **Auto nozzle check** in the touch screen menu to a setting other than **Disable**.

To show warnings based on nozzle check results, set **Nozzle check error display** in the touch screen menu to **Enable**.

However, printing may be stopped by warnings if this setting is set to Enable.

Auto maintenance settings

### Check 3 Was the printer left with the ink tank out?

The ink supply may become blocked by ink if the ink tank is left out.

If this happens, leave the printer for at least 24 hours with the ink tank in, and then carry out **Print Head Cleaning**.

Cleaning the Print Head

### Check 4 Are paper scraps stuck in the printer?

Remove paper scraps left inside the printer.

<u>Remove Jammed Roll Paper</u>

#### Remove a Jammed Sheet

#### Check 5 Was the paper cut before the ink dried?

In the touch screen menu, select **Paper-related settings** > **Advanced paper settings**, and increase time in **Pause between scans** or **Pause between pages**.

Specifying the Ink Drying Time

Check 6 When printing photos and posters, are the Print target settings set correctly?

Do one of the following.

- In the printer driver, change the setting to Photo (Color) or Poster in Print Target.
  - Printing By Setting Print Purpose
- In the touch screen menu, select Printer settings > Print settings > Default print settings > Print quality settings > Print target, and change the setting to Photo. (This is only available when the printer driver's Media Type is set to Auto (Use Printer Settings)).
  - Print settings

#### Check 7 Is the printer driver **Print Quality** set to a low quality setting?

Follow the steps below to set **Print Quality** to higher quality settings, and then print.

Windows

Change the Print Quality settings in the printer driver Advanced Settings.

- ➡ Changing the Print Quality and Correcting Image Data (Windows)
- macOS

Change the Print Quality in the printer driver Quality & Media settings.

Changing the Print Quality and Correcting Image Data (macOS)

Check 8 Does the paper used for printing create a lot of cutting dust?

In the touch screen menu, set Cut-dust reduction in Advanced paper settings to ON.

Reducing Dust from Cutting Rolls

### **Q** Banding in different colors occurs





#### Check 1 Make sure that the Print head nozzle is not blocked

Print a test pattern to check the nozzles and see if they are clogged.

<u>Checking for Nozzle Clogging</u>

#### >>>> Note

• To automatically check for nozzle blockages after printing, set **Auto nozzle check** in the touch screen menu to a setting other than **Disable**.

To show warnings based on nozzle check results, set **Nozzle check error display** in the touch screen menu to **Enable**.

However, printing may be stopped by warnings if this setting is set to Enable.

➡ Auto maintenance settings

### Check 2 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### >>>> Note

• When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.

• Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 3 Does the paper loaded on the printer match the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

#### Check 4 Has the paper feed rate been calibrated properly?

Adjust the feed amount.

- Automatically Adjusting Different Colored Horizontal Streaks
- Adjusting Line Length

Check 5 When printing photos and posters, are the **Print target** settings set correctly?

Do one of the following.

- In the printer driver, change the setting to Photo (Color) or Poster in Print Target.
  - Printing By Setting Print Purpose
- In the touch screen menu, select Printer settings > Print settings > Default print settings > Print quality settings > Print target, and change the setting to Photo. (This is only available when the printer driver's Media Type is set to Auto (Use Printer Settings)).
  - Print settings

#### Check 6 Low **Print Quality** setting causing lines in the printing

Follow the steps below to set **Print Quality** to the highest quality setting, and then print.

• Windows

Change the Print Quality settings in the printer driver Advanced Settings.

- <u>Changing the Print Quality and Correcting Image Data</u> (Windows)
- macOS

Change the Print Quality in the printer driver Quality & Media settings.

Changing the Print Quality and Correcting Image Data (macOS)

#### Check 7 Is Set priority in the touch screen menu set to Prioritize length accuracy?

Setting Set priority to Prioritize print quality in Paper feed adjustment may improve the print quality.

Maintenance

Check 8 Check if the Print head is in the right position

Adjust the Print head position.

Automatic Adjustment to Straighten Lines and Align Colors

Check 9 Print job may have been interrupted while receiving, and therefore not printed at a fast frame rate

Exit other applications and cancel other print jobs.

Check 10 Make sure that lines are not printed around 100 mm from the paper edges.

If the printer is on standby or if you leave paper as it is for approximately over 30 minutes, paper may be curled or wrinkled.

Set **Sleep timer** on **Energy saving settings** to a value shorter than 30 minutes, so that you can prevent paper from being curled or wrinkled.

➡ Other printer settings

### Q,

### Colors in printed images are uneven





Check 1 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- ➡ Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

Check 3 Is the Print head position adjusted correctly?

Adjust the Print head position.

- Automatic Adjustment to Straighten Lines and Align Colors
- Check 4 Is the feed amount adjusted correctly?

Adjust feed amount.

- Automatically Adjusting Different Colored Horizontal Streaks
- Adjusting Line Length

Check 5 When printing photos and posters, are the **Print target** settings set correctly?

Do one of the following.

- In the printer driver, change the setting to Photo (Color) or Poster in Print Target.
  - Printing By Setting Print Purpose
- In the touch screen menu, select Printer settings > Print settings > Default print settings > Print quality settings > Print target, and change the setting to Photo. (This is only available when the printer driver's Media Type is set to Auto (Use Printer Settings)).

Print settings

Check 6 Colors in printed images may be uneven if the **Print Quality** setting is too low

If using Windows, select **Advanced Settings** from the **Main** tab of the printer driver, and then select a higher **Print Quality** setting.

If using macOS, select Quality & Media in the printer driver, and then select a higher Print Quality setting.

- Changing the Print Quality and Correcting Image Data (Windows)
- Changing the Print Quality and Correcting Image Data (macOS)

Check 7 Are the Print Head nozzles clogged?

Check for nozzle clogging.

<u>Checking for Nozzle Clogging</u>

Check 8 Colors in printed images may be uneven on the boundary between shades if there are dark and light areas in an image

Prints on the same page while switching between Bidirectional printing and Unidirectional printing. Therefore, color unevenness may occur when switching. Using the unidirectional printing function may reduce color unevenness in this situation.

Follow the steps below for unidirectional printing.

• Windows

Open **Paper Detailed Settings** from the **Main** tab of the printer driver, and then select **Unidirectional Printing**.

Main Tab Description

macOS

Open Advanced Paper Settings in the printer driver, and then select Unidirectional Printing.

Advanced Paper Settings

Check 9 If printing borderless, colors in printed images may be a little uneven at the leading edge of the paper because printing is interrupted to cut the paper

Set the printer driver **Automatic Cutting** settings to **No**, and then print. Doing this prints only the left and right sides borderless. Cut the top and bottom borders with a cutting implement such as scissors after the printed materials are output and cut.

#### >>>> Note

- Selecting a higher Print Quality in the printer driver Advanced Settings may resolve the problem.
  - Changing the Print Quality and Correcting Image Data (Windows)
  - Changing the Print Quality and Correcting Image Data (macOS)

#### Check 10 Does this paper curl easily?

Colors in printed images may be uneven at the leading edge of paper that curls easily. Change the **Transport unit vacuum strength** in the touch screen to increase the grip on the paper, or set a margin of at least 0.8 inches (20 mm) at the front edge of the paper.

Adjusting Vacuum Strength

Check 11 Color may be uneven if printing materials were stacked while drying

To avoid uneven colors, we recommend drying each sheet separately.

## Check 12 Is **Ink drying target area** for **Pause between scans** in the touch screen menu set to **Leading edge**?

If the **Ink drying target area** for **Pause between scans** is set to **Leading edge**, color may be uneven approximately 7.5 inches (190 mm) from the front edge of the paper. (The position depends on the **Print Quality** settings)

On the HOME screen of the touch screen, select **Finiter Settings > Paper-related Settings >** Advanced paper settings > Pause between scans > Ink drying target area and set to Overall.

However, note that printing will now take longer.

Specifying the Ink Drying Time

Check 13 Make sure you are not printing cut sheet with AirPrint (macOS)

When you print cut sheets with AirPrint, uneven or streaked colors may occur at the trailing edge of the sheet. To print cut sheets with AirPrint. From the touch screen menu, tap **Printer settings > Paper-related settings > Keep margin at cut sheet end**.

Paper-related settings

#### >>>> Note

• Set Keep margin at cut sheet end to Enable to increase the margin at the trailing edge of the sheet.

### Q,

### Image edges are blurred or white banding occurs





Check 1 Paper may be gripped too strongly over the platen.

Set a lower Transport unit vacuum strength in the touch screen menu.

Adjusting Vacuum Strength

Check 2 Check if the Print head is in the right position.

For detailed printing of small text or fine lines on glossy or semi-gloss photo paper etc., adjust the position of the Print head.

Automatic Adjustment to Straighten Lines and Align Colors

Setting a lower value for Head height in the touch screen menu may resolve the problem.

Changing the Print Head Height

## Check 3 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- ➡ Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### Note Note

• When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.

• Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 4 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

Check 5 Are the Print Head nozzles clogged?

Perform print head cleaning.

<u>Cleaning the Print Head</u>

### Q,

### Paper rubs against the Print Head





Check 1 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- ➡ Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

Check 3 Is the paper loaded properly?

If not loaded properly, paper can buckle and rub against the Print head.

Reload the paper.

- Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

#### Check 4 Is the Print head height set too low?

Set Head height in the touch screen menu to the value higher than the current one.

Changing the Print Head Height

Check 5 Is the paper thick, or a type that curls easily or is prone to buckling after absorbing ink?

 If using paper-based printing material such as Heavyweight Coated Paper, set Transport unit vacuum strength in the touch screen menu to Medium-strong or Strong.

- If using film-based printing material such as CAD Tracing Paper, set the **Transport unit vacuum strength** in the touch screen menu to **Standard**, **Medium-strong**, or **Strong**.
- If using paper thinner than 0.004 inches (0.1 mm), set **Transport unit vacuum strength** in the touch screen menu to **Weak**.

If that does not resolve the problem, increase the **Head height** setting in the touch screen menu.

- Adjusting Vacuum Strength
- <u>Changing the Print Head Height</u>

Check 6 Does the paper have a strong curl at the front edge or is it buckled?

Set Cutting mode in the touch screen menu to User cut, and set leading edge detection to Do not detect.

To keep track of the amount of roll paper remaining, set **Manage remaining roll amount** to **Auto estimate** or **Disable** before loading the roll paper, and then restore the setting of **Manage remaining roll amount** to **Auto estimate** or **Barcodes** after the roll paper is loaded.

In addition, set Media type selection method to Manual or Use current media type.

- Specifying the Cutting Method for Rolls
- Keeping Track of the Amount of Roll Paper Left

Check 7 If you are using plain paper, changing the settings from the printer driver may improve the print results.

• For the Easy Settings

Set Print Target to Photo (Color) or Poster.

- Printing By Setting Print Purpose
- For the Advanced Settings

Select Image in Print Priority.

Printing Using Detailed Setting Mode

Check 8 If you are using rolls, are you using the recommended paper and recommended environment?

Using rolls or environments other than those recommended, may result in increased curl and rubbing of the print head. Use the recommended paper and recommended environment.

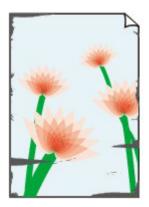
➡ Paper Settings List (Roll Paper)

Check 9 Is the leading edge or the trailing edge of the paper rubbing?

If the leading edge of the paper is rubbing, set a margin at the leading edge and print. If the trailing edge of the paper is rubbing, set a margin at the trailing edge and print.



The edges of the paper are dirty





#### Check 1 Was printing borderless or on small paper?

The platen may become dirtied by borderless printing or on small paper sizes.

Open the top cover and clean the platen.

<u>Cleaning Inside the Top Cover</u>

#### Check 2 Is Extension for borderless printing set to a large value?

The platen may become dirtied by setting a large amount of extension.

Reduce the value of Extension for borderless printing.

Specifying the Amount of Extension for Borderless Printing

## Check 3 Does the paper loaded on the printer match the media type selected in the printer driver?

The platen may become dirty if the loaded paper does not match the settings. We recommend that you clean the platen before printing again.

<u>Cleaning Inside the Top Cover</u>

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- ➡ Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### >>>> Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 4 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

The platen may become dirty if the loaded paper does not match the settings. We recommend that you clean the platen before printing again.

<u>Cleaning Inside the Top Cover</u>

Set the correct media type on the touch screen.

Changing the Type of Paper

#### Check 5 Is the paper creased or curled?

Straighten out the wrinkles or curls and reload the paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer

### Check 6 In the touch screen menu, is **Cut-dust reduction** in **Advanced paper settings** set to **ON**?

A cut dust reduction line is printed at the paper cut position when Cut-dust reduction is set to ON.

If cutting dust reduction is not required, set Cut-dust reduction to OFF.

Reducing Dust from Cutting Rolls

Check 7 Is the Print head height set too low in the touch screen menu?

Set Head height to the value higher than the current one.

<u>Changing the Print Head Height</u>

Check 8 Is the paper thick, or a type that curls easily or is prone to buckling after absorbing ink?

- If using paper-based printing material such as thick-coat paper, set **Transport unit vacuum strength** in the touch screen menu to **Medium-strong** or **Strong**.
- If using film-based printing material such as tracing paper, set the **Transport unit vacuum strength** in the touch screen menu to **Standard**, **Medium-strong**, or **Strong**.

If that does not resolve the problem, increase the Head height setting in the touch screen menu.

- Adjusting Vacuum Strength
- Changing the Print Head Height

Check 9 Is the output guide clean?

Clean the output guide.

#### <u>Cleaning Inside the Top Cover</u>

Check 10 If you are using plain paper, changing the settings from the printer driver may improve the print results.

• For the Easy Settings

Set Print Target to Photo (Color) or Poster.

- Printing By Setting Print Purpose
- For the Advanced Settings

Select Image in Print Priority.

Printing Using Detailed Setting Mode

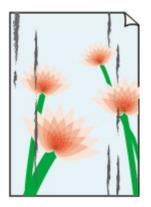
# Check 11 If you are using rolls, are you using the recommended paper and recommended environment?

Using rolls or environments other than those recommended, may result in increased curl and rubbing of the print head. Use the recommended paper and recommended environment.

Paper Settings List (Roll Paper)



The surface of the paper is dirty







Is the paper retainer clean?

Clean the paper retainer.

<u>Cleaning Inside the Top Cover</u>

Check 2 Are you using plain paper?

Set the media type to PlainP(Quick-dry) or PlainP(Instant-dry) for improved quick-drying.

Changing the Type of Paper

Check 3 Are you using coated paper?

Set the media type to CoatedP (Instant-dry) with improved quick drying property.

Check 4 Does this paper take longer to dry?

Increase the length of the **Pause between pages** and **Pause between scans** settings from the touch screen menu.

Specifying the Ink Drying Time

#### >>>> Note

• When printing on paper that takes longer to dry, the paper may curl during printing and come in contact with the output tray.

In such situations, set an **Ink drying wait time** and an **Ink drying target area** for **Pause between scans** in the touch screen menu.

However, note that printing will now take longer.

• In a hot and humid environment, rolling paper printed with images containing areas of saturated color may transfer ink to the contact surface, affecting print quality.

Move the printer to a different environment, or let the paper dry before rolling it.

### Check 5 Does the paper loaded on the printer match the media type selected in the printer driver?

The platen may become dirty if the loaded paper does not match the settings. We recommend that you clean the platen before printing again.

<u>Cleaning Inside the Top Cover</u>

When printing with the media type loaded in the printer, specify the same media type in the printer driver.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- ➡ Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 6 Does the paper type selected in the printer driver or on the touch screen match the actual paper type loaded?

The platen may become dirty if the loaded paper does not match the settings. We recommend that you clean the platen before printing again.

<u>Cleaning Inside the Top Cover</u>

Set the correct paper type on the touch screen.

Changing the Type of Paper

Check 7 Dirt may be removed by letting a blank sheet of paper pass through.

Perform a paper feed from the touch screen.

Feeding Roll Paper Manually

Check 8 If you are using plain paper, changing the settings from the printer driver may improve the print results.

• For the Easy Settings

Set Print Target to Photo (Color) or Poster.

Printing By Setting Print Purpose

• For the Advanced Settings

- Select Image in Print Priority.
- Printing Using Detailed Setting Mode

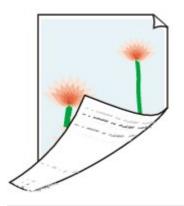
## Check 9 If you are using rolls, are you using the recommended paper and recommended environment?

Using rolls or environments other than those recommended, may result in increased curl and rubbing of the print head. Use the recommended paper and recommended environment.

➡ Paper Settings List (Roll Paper)



### The back side of the paper is dirty





Check 1 Was the previous print job borderless, or printed on small paper?

Open the top cover and clean the platen.

<u>Cleaning Inside the Top Cover</u>

#### Check 2 Is Detect paper width in the touch screen menu set to Disable?

Printing with Detect paper width set to Disable may cause the platen to be dirtied.

Set Detect paper width in the touch screen menu to Enable, and then open the top cover and clean the platen.

To continue printing with **Detect paper width** set to **Disable**, first open the top cover and clean the platen, and then manually feed roll paper over the platen when printing.

- <u>Cleaning Inside the Top Cover</u>
- Feeding Roll Paper Manually

Check 3 Paper may be gripped weakly over the platen.

Set a higher **Transport unit vacuum strength** in the touch screen menu.

Adjusting Vacuum Strength

#### Check 4 Is **Extension for borderless printing** set to a large value?

The platen may become dirtied by setting a large amount of extension.

Reduce the value of Extension for borderless printing.

Specifying the Amount of Extension for Borderless Printing

Check 5 Are you using plain paper?

Set the media type to PlainP(Quick-dry) or PlainP(Instant-dry) for improved quick-drying.

Changing the Type of Paper

#### Check 6 Are you using coated paper?

Set the media type to CoatedP (Instant-dry) with improved quick drying property.

Check 7 Does this paper take longer to dry?

Increase the length of the **Pause between pages** and **Pause between scans** settings from the touch screen menu.

Specifying the Ink Drying Time

If the platen is dirty, open the top cover and clean the platen.

<u>Cleaning Inside the Top Cover</u>

#### >>>> Note

• When printing on paper that takes longer to dry, the paper may curl during printing and come in contact with the output tray.

In such situations, set an **Ink drying wait time** and an **Ink drying target area** for **Pause between scans** in the touch screen menu.

However, note that printing will now take longer.

• In a hot and humid environment, rolling paper printed with images containing areas of saturated color may transfer ink to the contact surface, affecting print quality.

Move the printer to a different environment, or let the paper dry before rolling it.

## Check 8 Does the paper loaded on the printer match the media type selected in the printer driver?

The platen may become dirty if the loaded paper does not match the settings. We recommend that you clean the platen before printing again.

<u>Cleaning Inside the Top Cover</u>

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### >>>> Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 9 Does the paper type selected in the printer driver or on the touch screen match the actual paper type loaded?

The platen may become dirty if the loaded paper does not match the settings. We recommend that you clean the platen before printing again.

<u>Cleaning Inside the Top Cover</u>

Set the correct paper type on the touch screen.

<u>Changing the Type of Paper</u>

Check 10 Dirt may be removed by letting a blank sheet of paper pass through.

Perform a paper feed from the touch screen.

Feeding Roll Paper Manually

## Q⁄

Immediately after borderless printing, the trailing edge margin is soiled during regular printing



### A

In some situations, borderless printing with automatic cutting of the leading and trailing edges on roll paper may transfer ink on the cutter blade to the next item printed.

Use **Pause between pages** on the touch screen to change the ink drying time to between 30 seconds and 3 minutes before performing borderless printing.

Specifying the Ink Drying Time

**Q** Printed colors are inaccurate





Check 1 Is the Print head nozzle blocked?

Print a test pattern to check the nozzles and see if they are clogged.

<u>Checking for Nozzle Clogging</u>

#### Check 2 When printing photos and posters, are the **Print target** settings set correctly?

Do one of the following.

- In the printer driver, change the setting to Photo (Color) or Poster in Print Target.
  - Printing By Setting Print Purpose
- In the touch screen menu, select Printer settings > Print settings > Default print settings > Print quality settings > Print target, and change the setting to Photo. (This is only available when the printer driver's Media Type is set to Auto (Use Printer Settings)).
  - Print settings

Check 3 Has color been adjusted in the printer driver?

Follow the steps below to adjust color settings.

• Windows

Adjust the color settings with Color Mode > Color Settings in Advanced Settings in the printer driver.

- ➡ Main Tab Description (Windows)
- macOS

Adjust the color settings in the printer driver **Color Options**.

Color Options (macOS)

#### Check 4 Is Application Color Matching Priority set to Off in a Windows printer driver?

In the printer driver **Layout** sheet, click **Special Settings**, and then set **Application Color Matching Priority** to **On** in the dialog box that appears.

➡ Layout Tab Description (Windows)

#### Check 5 Has the computer or monitor color been adjusted?

Take the actions below.

- Refer to the computer and monitor documentation to adjust the colors.
- · Adjust the settings of the color management software, referring to the software documentation as needed.

#### Check 6 Has the Print head been replaced?

Differences between one Print head and another may result in a change in color after replacing the Print head.

Execute color calibration.

Performing Color Calibration

#### Check 7 The Print head characteristics may have changed.

The characteristics of a Print head may change with repeated use, including color.

Execute color calibration.

Performing Color Calibration

Check 8 Color varies even between printers of the same model due to differences in firmware and printer driver versions, settings, or environment.

Follow these steps to prepare the printing environment.

- 1. Use the same version of firmware or printer driver.
- 2. Specify the same value for all settings items.
- 3. Execute color calibration.
  - Performing Color Calibration

### Check 9 Did you make a different selection in Select Your Place of Residence in the Media Configuration Tool when reinstalling the printer driver?

Changing the region selection of the Media Configuration Tool deletes the region-specific paper information originally registered on the printer before installation. Using paper with deleted information when executing color calibration will prevent the resulting calibration adjustment value from being applied to all other types of the paper.

Prepare paper compatible with calibration in the newly selected region and perform calibration again.

Performing Color Calibration

### Q,

### Documents are printed in monochrome





# Check 1 Is Color Mode set to Monochrome, or Print Target set to CAD (Monochrome Line Drawing) in a Windows printer driver?

In the Advanced Settings of the printer driver, specify Color in Color Mode and try printing again.

➡ Main Tab Description (Windows)

#### Check 2 Is Color Mode set to Monochrome selected in the macOS printer driver?

Set Color Mode to Color in the printer driver Quality & Media settings, and then print again.

Quality & Media (macOS)

#### Check 3 The print head nozzle may be blocked

Print a test pattern to check the color ink nozzles and see if they are clogged.

<u>Checking for Nozzle Clogging</u>

Q> Line thickness is not uniform





Check 1 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### >>>> Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

Check 3 Adjust the position of the Print head

If the printed result does not look uniform, such as when the lines are misaligned, adjust the position of Print Head.

Automatic Adjustment to Straighten Lines and Align Colors

For photo paper and proof paper, it may be improved by setting **Head height** to a value lower than the current setting and then adjust the position of the Print head.

Changing the Print Head Height

## Check 4 Is **Fast Graphic Process** set to **On** in the 32-bit Windows printer driver **Special Settings** dialog box?

Access the printer driver **Properties** dialog box from **Print** in the **File** menu of the source application, and follow these steps to print.

- 1. Deselect Preview before printing in the Main sheet.
- 2. Deselect Page Layout in the Layout sheet.
- 3. Click the **Special Settings** button in the **Layout** sheet, and then set **Fast Graphic Process** to **Off** in the **Special Settings** dialog box that opens.

Q,

### Lines or colors are misaligned





#### Check 1 Adjust the position of the Print head

If borders are misaligned or the print results are not uniform, adjust the position of the Print head.

Automatic Adjustment to Straighten Lines and Align Colors

For photo paper and proof paper, it may be improved by setting **Head height** to a value lower than the current setting and then adjust the position of the Print head.

Changing the Print Head Height

### Check 2 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit
- ➡ Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### >>>> Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

## Check 3 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

Check 4 Adjust the angle of the Print head

Select **Print head angle adjustment** from the touch screen menu to adjust the Print head angle.

#### Adjusting Line Misalignment

#### Check 5 Is the Roll Paper loaded at an angle?

If there is a gap between the roll paper and the roll holder, reload the roll paper.

➡ Loading Rolls on the Roll Holder

#### Check 6 Paper may have been fed at an angle.

When **Roll paper auto feed** is set to **Disable**, feed the roll paper into the printer so that there is no gap between the right edge of the roll paper and the roll holder.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit

#### Check 7 Is Detect paper width set to Disable?

Set **Detect paper width** in the touch screen menu to **Enable** to load the paper.

Advanced (Paper settings)

#### Check 8 Is Skew detection accuracy in the touch screen menu set to Loose or OFF?

Set Skew detection accuracy to Standard, and then reload the paper.

Advanced (Paper settings)

### Check 9 If you are using rolls, are you using the recommended paper and recommended environment?

Using rolls or environments other than those recommended, may result in increased curl and rubbing of the print head. Use the recommended paper and recommended environment.

Paper Settings List (Roll Paper)

#### Check 10 Colors in printed images may be uneven if the **Print Quality** setting is too low

If using Windows, select **Advanced Settings** from the **Main** tab of the printer driver, and then select a higher **Print Quality** setting.

If using macOS, select Quality & Media in the printer driver, and then select a higher Print Quality setting.

- Changing the Print Quality and Correcting Image Data (Windows)
- Changing the Print Quality and Correcting Image Data (macOS)

#### Check 11 Is Unidirectional printing set to Disable?

Using the Unidirectional printing function may reduce the shift of ruled lines. Follow the steps below for unidirectional printing.

• Windows

Open **Paper Detailed Settings** from the **Main** tab of the printer driver, and then select **Unidirectional Printing**.

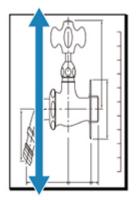
- Main Tab Description
- macOS

Open Advanced Paper Settings in the printer driver, and then select Unidirectional Printing.

Advanced Paper Settings

### Q-

# The length of the printed image in the paper ejection direction is not accurate





## Check 1 Does the paper loaded on the printer match the media type selected in the printer driver?

When printing with the media type specified in the printer driver, load the specified media type in the printer.

- ➡ Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

When printing with the media type loaded in the printer, specify the media type in the printer driver.

- ➡ Printing with Easy Setup (Windows)
- Printing with Easy Setup (macOS)

#### >>>> Note

- When **Auto (Use Printer Settings)** is selected for the media type, printing is performed with the media type loaded in the printer.
- Click Get Information to reflect the paper information set in the printer to the printer driver.

## Check 2 When loading paper in the printer, is the media loaded the same as the media type selected on the touch screen?

Set the correct media type on the touch screen.

Changing the Type of Paper

Check 3 Perform print quality adjustment to automatically adjust the feed amount.

Perform **Adjust print quality** from **Paper feed adjustment** and **Print alignment pattern** to automatically adjust the feed amount.

Automatically Adjusting Different Colored Horizontal Streaks

# Check 4 Is Set priority for Paper feed adjustment in the touch screen menu set to Prioritize print quality?

Set priority for Paper feed adjustment to Prioritize length accuracy, and then carry out Adjust feed length.

- ➡ Maintenance
- ➡ Adjusting Line Length



### Images are printed crooked





#### Check 1 Has the roll paper been loaded at an angle?

If there is a gap between the roll paper and roll holder, reload the roll on the roll holder.

➡ Loading Rolls on the Roll Holder

Check 2 Paper may have been fed at an angle.

When **Roll paper auto feed** is set to **Disable**, feed the roll paper into the printer so that there is no gap between the right edge of the roll paper and the roll holder.

- Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit

#### Check 3 Is **Detect paper width** set to **Disable**?

Set Detect paper width in the touch screen menu to Enable to load the paper.

Advanced (Paper settings)

#### Check 4 Is Skew detection accuracy in the touch screen menu set to Loose or OFF?

Set Skew detection accuracy to Standard, and then reload the paper.

Advanced (Paper settings)

### **Q** Margins are wide

### A

Check 1 Is auto cut being used on printed material with a wide margin on the trailing

edge only?

Rolls are advanced a specific amount before cutting to prevent problems with cutting and paper ejection.

This operation is normal.

The specified length varies depending on the media type and the usage environment (humidity). Please refer to the minimum printing length of the paper from paper information list.

If the length of the printed document is shorter than the minimum cut length, an extra edge margin will be added to increase the length of the printed document to the minimum cut length.

Paper Settings List (Roll Paper)

#### Check 2 Is leading edge detection set to **Do not detect**?

Do not detect may have been set by responding to the message Do you want to set to detect the leading edge of the paper? when Cutting mode was set to User cut in the touch screen menu.

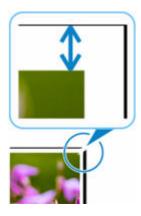
If the message **Do you want to set to detect the leading edge of the paper?** appears when setting **Cutting mode** to **User cut**, select **Detect (recommended)**.

Please note that if **Detect (recommended)** is selected and the paper has a strong curl, the Print head may rub against the edge of the paper when printing starts.

Specifying the Cutting Method for Rolls



### Borders appear in borderless printing





If white bandings or borders appear on the edges of borderless printing, check the following items.

Check 1 Is the position of the Print head adjusted?

Adjusting the position of the Print head will improve the printing accuracy.

Automatic Adjustment to Straighten Lines and Align Colors

Check 2 If printing full-scale borderless, is the selected paper wider than the source size?

For borderless printing at actual size, use roll paper that has the same width as the actual page size.

- Printing Full-Size without Margins (Windows)
- Printing Full-Size without Margins (macOS)

Check 3 Does the source file have margins?

Check that the printing image data does not have any objects like crop marks and transparent objects.

Check 4 Is a

4 Is a margin set in application software?

Check that no margins are configured in the application software you are using.

Check 5 Is the **Extension for borderless printing** set to large in the touch screen menu?

In the touch screen menu, set Extension for borderless printing to the smaller number than the current setting.

Specifying the Amount of Extension for Borderless Printing

### Q,

# When printing on roll paper, the printed surface becomes scratched

### A

Check 1 Depending on the paper, the printed surface may become scratched when the paper is fed.

In this case, you must set **Paper retention settings** to **Release** on the touch screen, and then manually feed the paper. Lift the release lever, feed the roll paper until the leading edge is visible on the platen, lower the release lever, and then proceed to the next step.

If **Paper retention settings** is set to **Release**, you will no longer be able to automatically switch between the upper and lower roll paper.

#### Check 2 Has the roll paper lost tension during printing?

If the roll paper loses tension, the paper surface could be damaged and the paper could wrinkle or fold.

Set Roll paper tension (printing) to High in the touch screen menu.

Advanced (Paper settings)

#### Note Note

- Carrying out Adjust print quality is recommended when changing Roll paper tension (printing) settings.
  - Automatically Adjusting Different Colored Horizontal Streaks

## **Cannot Configure Network Settings**

- Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen
- Failed to connect to the wireless router." Appears
- Taking Time to Setup Process (Windows)

# Q,

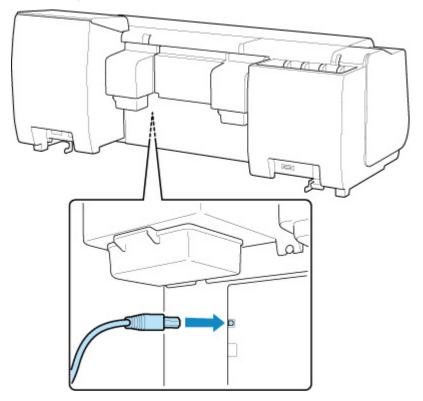
# Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen



If you cannot proceed beyond the **Printer Connection** screen or the **Connect Cable** screen, check the following.

Check 1 Make sure USB cable is securely plugged in to printer and computer.

Connect the printer and the computer using a USB cable as the illustration below. The USB port is located on the back of the printer.



Check the items below only if you cannot proceed beyond the Printer Connection screen.

Check 2 Follow procedure below to connect printer and computer again.

## >>>> Important

• For macOS, make sure the lock icon is on the lower left of the Printers & Scanners screen.

If the **icon** (locked) is displayed, click the icon to unlock. (The administrator name and the password are necessary to unlock.)

- 1. Turn off printer.
- 2. Unplug USB cable from printer and computer and connect it again.
- 3. Turn on printer.

Check 3 If you cannot resolve problem, follow procedure below to reinstall printer driver.

- 1. Exit setup.
- 2. Turn off printer.
- 3. Restart computer.
- 4. Make sure you have no application software running.
- 5. Refer to Setup Guide for setup.

# Q,

## "Failed to connect to the wireless router." Appears

## A

Each time you perform each check, select **OK** on the error screen to clear the error and set up the printer again.



➡ When Security Type is WPA/WPA2/WPA3

When Security Type is set to Disable

## When Security Type is WPA/WPA2/WPA3

Check 1 Check the password entered for the wireless router is correct.

If the password you entered is incorrect, enter the correct password.

Check 2 Check the wireless router's settings.

If the wireless router's DHCP function is off, turn it on and redo the wireless connection settings.

Check 3 Check the MAC address filtering's settings.

If MAC address filtering is enabled on the wireless router, change the settings to accept the printer's MAC address.

The MAC address of the printer can be viewed from Printer information > System information.

Printer information

## When Security Type is set to Disable

Check Is the wireless router turned on?

If it is already turned on, turn it off, and then turn it back on.

Do not proceed to the next screen of this guide until the power is turned on. The connection to the wireless router will be temporarily disabled.

## **Q** Taking Time to Setup Process (Windows)

# A

If Windows update starts during setup, or if you perform setup while Windows update is in progress, it may take a while to register the printer or to perform other processes.

Wait for a while. This is not a malfunction.

## **Cannot Find Printer on Network**

- **Cannot Connect Printer to Network**
- Cannot Find Printer During Setup
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- > Searching Printer by IP Address or Host Name During Setup

## **Q** Cannot Connect Printer to Network

# A

## Check 1 Is the Ethernet cable connected correctly to the printer's wired LAN connector?

Make sure the printer is connected to the network with the correct Ethernet cable, and then turn the printer on. For instructions on connecting the cable, refer to the Setup Guide.

Check 2 Make sure the Link indicator is lit.

When the printer is connected via 1000Base-T, both the top and bottom indicators are lit.

When the printer is connected via 100Base-TX, the top indicator will light green. For 10Base-T connections the lower indicator will light orange.

If the Link indicator is not lit, check the following points.

- The hub is on.
- The end of the Ethernet cable is connected correctly.

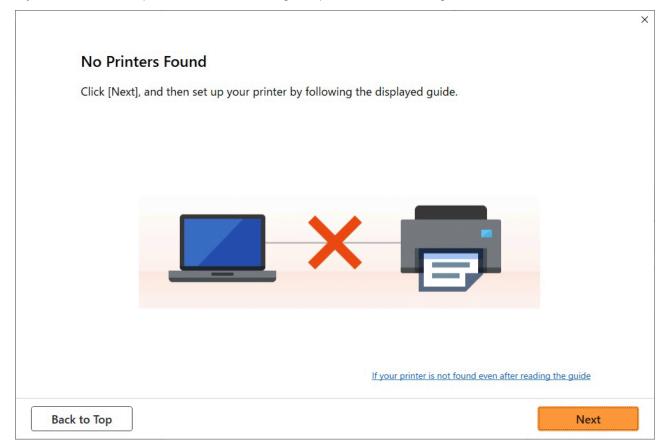
Insert the Ethernet cable until it clicks and locks in place.

• There is no problem with the Ethernet cable.

If there is any problem, replace the Ethernet cable.

## **Cannot Find Printer During Setup**

If you cannot find the printer on network during setup, check the following.



When you complete all the checking, try to set up from the beginning.

## Items to check for Wi-Fi

Step 1 Check the basic items for Wi-Fi

1. Check power status

Are printer and network device (router, etc.) turned on?

Stop setting up, and check if the router (modem) is turned on and then check if the printer is turned on.

**1.** Check if network devices such as router are turned on.

If network devices are not turned on, turn on the power. If the network devices are on, turn them off and on again.

It may take a while for the network device to become ready for use once they are turned on.

Proceed once the network devices such as router are ready for use.

2. Check if the printer is turned on

If printer is not turned on, turn on the power. If the printer is on, turn them off and on again.

## 2. Check PC network connection

Can you view any web pages on your computer? Make sure the computer and network device (wireless router, etc.) are configured and the computer is connected to the network.

If you cannot view web pages on your computer, check wireless router network connection settings, such as IP address filtering, MAC address filtering, and DHCP function.

For more on checking the settings of the wireless router, refer to the instruction manual supplied with the wireless router or contact the manufacturer.

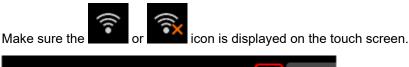
## Important

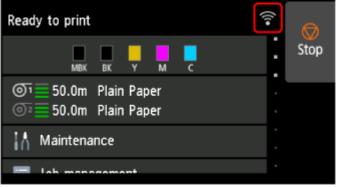
• Depending on the wireless router, note that different network name (SSID) is assigned for a bandwidth (2.4 GHz or 5 GHz) or its usage (for PC or game machine), using alphanumeric characters at the end of network name (SSID).

Once you complete checking the wireless router, configure the network settings for your computer. For the procedures, refer to the instruction manual supplied with the computer, or contact the manufacturer.

Once you complete setting up the wireless router and your computer, configure the settings on your computer in order to view web pages, using the information of the wireless router.

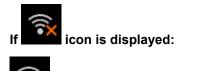
## 3. Check printer's Wi-Fi settings





#### If icon is not displayed:

The printer is not set to enable wireless communication. Change the printer settings in order to use Wi-Fi. Turn on wireless communication on the printer.



icon indicates that the wireless router and the printer are not connected. Reconsider the locations of the wireless router and the printer.

• Checking the location of wireless router:

After checking the wireless router setting, make sure the printer is not placed too far away from the wireless router. The printer can be up 164 ft. (50 m) from the wireless router indoors if unobstructed. Make sure the printer is close enough to the wireless router to be used.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

• Checking the location of printer:

Make sure that the printer is not placed behind an object. The printer may not be connected when placed behind a wall or on a shelf. Try to place the printer in a location where there is no obstacle.

For details, see the instruction manual supplied with the wireless router or contact the manufacturer.

## Step 2 Solve the Problem, Using 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

If you can connect to the network, try to set up from the beginning.

## Items to check for wired LAN

Step 1 Check the basic items for wired LAN

## 1. Check the power and LAN Cable

When the printer cannot be found on the setup screen, using wired LAN connection setup, make sure that all the network devices are connected with the router and the hub via LAN cables and that all the devices are turned on.

#### If LAN cable is not connected:

Connect the router, hub, computer and printer via LAN cables.

Make sure the printer is turned on.

Make sure the printer is turned on, and make sure that the router and the hub are turned on.

#### If LAN cable is connected, and printer and network device are off:

Turn on printer or network device.

#### If LAN cable is connected, and printer and network device are on:

If they are on, turn them off and on again.



• It may take a while for the printer and network device to become ready for use once they are turned on again. After turning it on, wait for a while and proceed.

#### **2.** Check PC network connection

Can you view any web pages on your computer? Make sure the computer and network device (router, etc.) are configured and the computer is connected to the network.

If you cannot view web pages, unplug the cable connected to the router's WAN side. Connect the cable directly to the computer to see if you can view web pages on the Internet.

Check the settings for the router if you were able to view web pages. For details on checking the settings of the router, refer to the instruction manual supplied with the router or contact the manufacturer. Refer also to the instruction manual regarding the connection of the provider.

Once you complete checking the router, configure the network settings of your computer. For the procedures, refer to the instruction manual supplied with the computer, or contact the manufacturer.

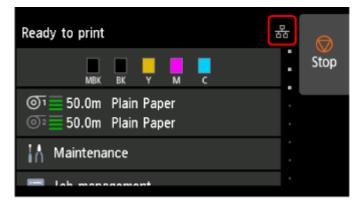
Once you complete setting up the router and your computer, configure the settings on your computer to view web pages, using the information of the router.

Proceed once you can view web pages on your computer.

#### 3. Check printer's wired LAN settings



Make sure the **second** icon is displayed on the touch screen.



#### If icon is not displayed:

The printer is not set to enable wired communication. Change the printer settings in order to use wired LAN.

When you complete checking [Step 1] above, try to set up from the beginning.

If the printer cannot be detected after trying to set up from the beginning, proceed to [Step 2].

#### Step 2 Solve the Problem, Using 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

If you can connect to the network, try to set up from the beginning.

## **Q** Cannot Find Printer while Using Wi-Fi

# A



Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The ON lamp flashes while the printer is initializing. Wait until the ON lamp stops flashing and remains lit.

Check 2 Check the network status on the touch screen.



only is displayed, the printer's wireless LAN (Wi-Fi) is disabled.

Set Enable/disable Wi-Fi in the touch screen menu to Enable.



If the **setting** icon is displayed, see Check 3 or later checking items to make sure whether printer setup is complete or the settings of wireless router to connect are correct.

Check 3 Make sure printer setup is complete on the computer.

If it is not, perform setup.

• For Windows:

Perform setup using the Setup CD-ROM or from Setup Guide.

• For macOS:

Perform setup from Setup Guide.

## >>>> Note

• 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

## Check 4 Make sure printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

## >>>> Note

• Use 2.4 GHz frequency band to connect to a wireless router. Match the SSID set for the printer with that for 2.4 GHz frequency band of the wireless router.

You can check the network name (SSID) set for the printer by displaying it on the touch screen.

➡ LAN settings

### >>>> 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

### Check 5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

## >>>> Note

• Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check 6 Make sure wireless signal is strong. Monitor signal strength and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

## Note

• 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

#### Check 7 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

#### >>>> Note

• If you use a smartphone or tablet, make sure the Wi-Fi is enabled on the device.

# Check 8 Make sure **Enable bidirectional support** is selected in the **Ports** sheet of the properties dialog box of the printer driver. (Windows)

If not, select it to enable bidirectional support.

Check 9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings.

Check 10 If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network identifier (SSID). (macOS)

## If the problem is not resolved, redo setup.

• For Windows:

Perform setup using the Setup CD-ROM or from Setup Guide.

• For macOS:

Perform setup from Setup Guide.

## **Q** Cannot Find Printer while Using Wired LAN



Check 1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The ON lamp flashes while the printer is initializing. Wait until the ON lamp stops flashing and remains lit.

Check 2 Make sure LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

Check 3



ls

icon displayed on touch screen?

If the icon is not displayed, wired LAN is disabled.

Select LAN settings on the HOME screen, and select Wired LAN > Settings > Enable/disable Wired LAN > Enable.

## Searching Printer by IP Address or Host Name During Setup

If the printer cannot be found on the **Select Printer** screen, search for the printer by an IP address or host name. Click **Search By IP Address** on the screen which appears by clicking **Printer Not Found**. The screen to select searching criteria appears.

1. Check printer's IP address or host name.

You can check the IP address or host name set for the printer by displaying it on the touch screen.

➡ LAN settings

#### Note

- If you use the printer in an office, ask the network administrator.
- 2. Specify searching method.

Select one of the methods below.

Specify Printer Search N	lethod	
Search by IPv4 address	А	
<ul> <li>Search by IPv6 address</li> </ul>	В	
<ul> <li>Search by host name</li> </ul>	с	
In order to search for your printer by IP ad [Instructions].	ldress, you must first assign an IP address to the printer. For more details	s, click
Instructions		

#### A: Search by IPv4 address

Select to search for printers by IPv4 address.

### B: Search by IPv6 address

Select to search for printers by IPv6 address.

#### C: Search by host name

Select to search for printers by host name. A host name is referred to as LLMNR host name or Bonjour name.

3. Enter IP address or host name and click Next.

Printer search starts.

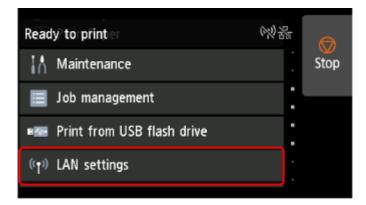
## If an error screen appears:

Resolve the error according to the instruction on the screen.

If the IP address you entered is already used for another device, follow the procedure below to specify printer's IP address.



1. Select LAN settings on HOME screen.



If you specify the administrator password, enter the password.

- 2. Select Advanced.
- 3. Select TCP/IP settings.
  - If you specify IPv4 address:
    - 1. Select IPv4.
    - 2. Select Yes on the displayed screen.
    - 3. Select IP address.
    - 4. Select Manual setup.

Selecting Auto setup specifies the IP address automatically.

- 5. Enter IP address.
- 6. Select OK.
- 7. Enter subnet mask.
- 8. Select OK.

- 9. Enter default gateway.
- 10. Select OK.

The IPv4 address has been specified.

### • If you specify IPv6 address:

- 1. Select IPv6.
- 2. Select Yes on the displayed screen.
- 3. Select Enable/disable IPv6.
- 4. Select Enable.

The IPv6 address has been specified.

## Important

• If firewall is enabled on the computer, printers on a different subnet may not be detected. Disable firewall.

## If firewall interferes with printer search:

### • If a firewall message appears:

If a firewall message appears warning that Canon software is attempting to access the network, set the security software to allow access.

After allowing the software to access, specify the IP address or host name and search for printers again.

If the printer is found, follow the instructions on the screen to continue to set up the network communication.

#### • If no firewall message appears:

Temporarily disable the firewall and specify the IP address or host name to search for printers again.

After the setup is complete, re-enable the firewall.

## >>>> Note

• For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

## **Cannot Print over Network**

- Cannot Print over TCP/IP Network
- > Cannot Print over Bonjour networks
- Cannot Print Using AirPrint



## **Cannot Print over TCP/IP Network**

## A

## Check 1 Is the printer's IP address configured correctly?

Make sure the printer's IP address is configured correctly.

## >>>> Note

• For Windows, you can configure the printer's IP address using Wi-Fi Connection Assistant.

For details, refer to "Performing/Changing Network Settings" > "Performing Network Settings" in Wi-Fi Connection Assistant Guide.

➡ Wi-Fi Connection Assistant Guide

## Check 2 Are the printer's TCP/IP network settings configured correctly?

Make sure the printer's TCP/IP network settings are configured correctly.

Check 3 Is the computer you are trying to print from configured correctly?

Make sure the computer's TCP/IP network settings are configured correctly.



## **Cannot Print over Bonjour networks**



Check 1 Is the computer you are trying to print from configured correctly?

Make sure the computer is configured correctly.

Check 2 Are the computer and printer on the same network?

Due to the nature of Bonjour, printing may not be possible if the printer is on another network behind a router. Make sure the computer and printer are on the same network. For information about network settings, ask your network administrator.

Check 3 Are the printer's Bonjour settings configured correctly?

Make sure the Bonjour settings are configured correctly.

## **Q** Cannot Print Using AirPrint

# A



Make sure printer is turned on.

If the printer is turned on, turn it off and back on, and then check whether the issue is resolved.

Check 2 Make sure printer is registered to your computer.

Check 3 Make sure printer is connected by LAN to same network subnet as AirPrint compliant device when printing over LAN.

Check 4 Make sure printer has enough paper and ink.

Check 5 Make sure no error message is displayed on printer's touch screen.

## **Network Connection Problems**

- Network Settings and Common Problems
- > Cannot Connect to the Printer

## **Network Settings and Common Problems**

Here are frequently asked questions on network.

### **Cannot Find Printer**

- <u>Cannot Find Printer During Setup</u>
- Cannot Proceed beyond Printer Connection Screen/Connect Cable Screen
- Searching Printer by IP Address or Host Name During Setup
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- Cannot Print Using AirPrint

### **Cannot Print or Connect**

- Cannot Connect Printer to Network
- Cannot Print over TCP/IP Network
- Cannot Print over Bonjour networks
- Cannot Connect to the Printer

### LAN Setting Tips/Changing LAN Settings

- Printer Connection Methods
- LAN settings
- Another Printer Found with Same Name
- Printing Network Settings
- Network Status and Troubleshooting

## **Cannot Connect to the Printer**

- Cannot Connect to a Printer after Network Configuration Changes
- Cannot Connect to a Printer via Wi-Fi
- Cannot Connect to a Printer through Wireless Direct
- Cannot Connect to a Printer via Wired LAN
- Cannot Print through Network

## Cannot Connect to a Printer after Network Configuration Changes



It may take a while for the computer to obtain an IP address, or you may need to restart your computer.

Make sure the computer has obtained a valid IP address, and try again to find the printer.

## **Q**Cannot Connect to a Printer via Wi-Fi



Check 1 Check the power status of printer and devices (e.g. wireless router or computer) connected to the network.

Turn on the printer or devices.

If the power is already turned on, turn it off and on again.

It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode, etc.) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.

Check 2 Can you view any web pages on your computer?

Make sure your computer is connected to the wireless router properly.

For more on checking computer settings or connection status, see the instruction manual supplied with the computer or contact the manufacturer.

## Check 3 Is the printer connected to the wireless router?

Use the icon on the touch screen to check the connection status between the printer and wireless router. If the



icon is not displayed, Wi-Fi is disabled. Turn on wireless communication on the printer.

Check 4 Make sure the printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

You can check the current network settings for the printer by displaying them on the touch screen.

LAN settings

### 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

## Check 5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

## Note

• Though an antenna is attached to most wireless routers, note that some of them have it inside.

# Check 6 Make sure wireless signal is strong. Monitor signal status and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

## Note

• 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

## Check 7 Make sure of the Wi-Fi channel numbers used for your computer.

You need to have the same Wi-Fi channel number that you are using for the wireless router as your computer. It is normally set in the way that you can use all the Wi-Fi channels. However, when the channels that you are using are restricted, the Wi-Fi channels do not match.

See the instruction manual provided with your computer and check the Wi-Fi channel number available for your computer.

# Check 8 Make sure channel set on wireless router is a usable channel as confirmed in Check 7.

If it is not, change the channel set on the wireless router.

## Check 9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access. If you are using any programs that switch between network environments, check their settings.

Check 10 If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network identifier (SSID). (macOS)

### If the problem is not resolved, redo setup.

• For Windows:

Perform setup using the Setup CD-ROM or from Setup Guide.

• For macOS:

Perform setup from Setup Guide.

## Cannot Connect to a Printer through Wireless Direct



Check 1 Check the power status of printer and other devices (smartphone or tablet).

Turn on the printer or devices.

If the power is already turned on, turn it off and on again.



the **Line** icon displayed on the touch screen?

If not, Wireless Direct is disabled. Turn on Wireless Direct.

Check 3 Check the settings of your device (smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check 4 Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the identifier for Wireless Direct (SSID) specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

When using wireless direct, you can check the network name (SSID) set for the printer by displaying it on the touch screen.

LAN settings

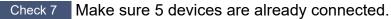
Check 5 Have you entered the proper password specified for the Wireless Direct?

You can check the password set for the printer by displaying it on the touch screen.

LAN settings

Check 6 Make sure the printer is not placed too far away from the device.

If the distance between the printer and device is too far, wireless communication becomes poor. Place the printer and device close to each other.



Wireless Direct does not allow more than 5 devices to be connected.

## **Q**Cannot Connect to a Printer via Wired LAN



Check 1 Make sure the printer is turned on.

Check 2 Make sure the LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

#### If the problem is not resolved, redo setup.

• For Windows:

Perform setup using the Setup CD-ROM or from Setup Guide.

• For macOS:

Perform setup from Setup Guide.

## **Q** Cannot Print through Network



Check 1 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

Check 2 If the printer driver is not installed, install it. (Windows)

Install the printer driver using the Setup CD-ROM or install it from Setup Guide.

Check 3 When using Wi-Fi, make sure wireless router does not restrict which computers can access it.

For more on connecting to and setting up your wireless router, see the wireless router instruction manual or contact its manufacturer.

## **Printer Problems**

- Printer Does Not Turn On
- > Messages advising to check the maintenance cartridge are not cleared
- > The Data lamp on the Operation Panel does not light up
- > If the Printer Makes a Strange Sound
- > Printed pages are not collected cleanly in the basket
- > Printed pages are not collected cleanly in the stacker
- Basket Lurches
- > Warning Message is Displayed When Performing Color Calibration

## Q, **Printer Does Not Turn On**





Check 1 Is the power cord plugged in?

Plug the power cord into the outlet, and then turn on the printer.

Check 2 Is the specified voltage being supplied?

Check the voltage of the outlet and breaker.

➡ Specifications

# Q,

# Messages advising to check the maintenance cartridge are not cleared

## A

The newly replaced maintenance cartridge is not recognized.

Remove the newly replaced maintenance cartridge, and then reinsert it again firmly.

Replacing the Maintenance Cartridge



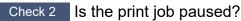
## The Data lamp on the Operation Panel does not light up



Check 1 Was the correct printer selected?

In Windows, select the printer by clicking **Select Printer** or **Printer** in the printing dialog box and try printing again.

In macOS, open the dialog box of the printer driver, select the printer from the list of **Printer**, and try printing again.



In Windows, restart the print job as follows.

- 1. Select the target printer in Devices and Printers or Printers & scanners.
- 2. Uncheck Pause or select Resume.

In macOS, restart the print job as follows.

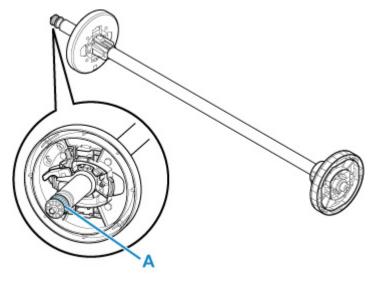
- 1. Click Print & Scan (or Print & Fax).
- 2. Select the printer, and then **Resume Printer** (or **Start Jobs**) in the **Printers** menu to restart the print job.

## **Q** If the Printer Makes a Strange Sound

# A

Check 1 Has an unusual noise been produced from the vicinity of the roll holder?

If dust accumulates on the gear (A) at the end of the roll holder, a noise may be produced from that area.



When the noise starts, clean the gear with the following procedure.

- 1. Remove the roll holder from the printer.
- 2. Wipe the dust off the gear with a damp, tightly wrung cloth, and then dry with a dry cloth.
- 3. Insert the roll holder in the printer.

## Check 2 Operating noise may be heard from the printer even when not printing.

The following sounds do not indicate a problem with the printer.

- A suction sound can be heard from the platen
- To prevent the paper from rising, the surface of the platen has vacuum holes that create suction on the paper.
- Roll paper makes a fluttering sound during printing.

There may be a fluttering sound when large paper is advanced.

• You suddenly hear the sound of cleaning operations.

Cleaning is automatically performed at specified intervals in order to keep the printer maintained.

• You suddenly hear the sound of ink agitation.

Ink is automatically agitated after specified intervals to maintain optimal print quality. Agitation takes approximately 1 minute 30 seconds.

Ink is also agitated automatically at the following times.

Please note that no other operations can be performed while "Agitating the ink" is on the touch screen.

- After the printer is turned on
- After data transmission
- After ink tank replacement

In other cases, contact your Canon dealer.



### Printed pages are not collected cleanly in the basket

## A

Check 1 Is the roll unit in place?

The basket may not be able to catch printed paper properly if the roll unit is in place.

Refer to Example Basket Configurations and try another basket position.

Example Basket Configurations

Check 2 Is the basket in the right position for the media size?

The optimal basket position depends on factors such as media size and the conditions the printer is being used under.

Refer to Example Basket Configurations and try another basket position.

Example Basket Configurations



### Printed pages are not collected cleanly in the stacker

## A

Check Is the stacker in the right position for the media size?

The optimal stacker position depends on factors such as media size and the conditions the printer is being used under.

Refer to Example Stacker Configurations and try another stacker position.

Example Stacker Configurations

## Q Basket Lurches

## A

Make sure a Basket Locking Support is attached to the Basket Arm. The basket may lurch if a force is applied to the one without the Basket Locking Support. To prevent the basket from lurching, attach the Basket Locking Supports to both sides of the Basket Arm.

Using the Basket on the Printer Stand

## Q,

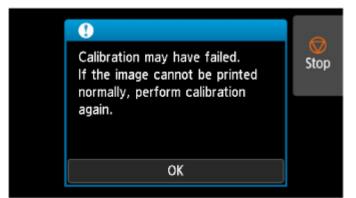
### Warning Message is Displayed When Performing Color Calibration

## A

In the following cases, perform color calibration again or create a color calibration target.

- A warning message is displayed when performing color calibration.
- A warning message is displayed when creating a color calibration target.
- An error was seen in the print result when printing on a calibrated sheet.

#### An example of a warning message



Please check the following:

- The print head nozzles are not blocked.
- The paper is not curled or bent.
- The paper is loaded correctly.
- Paper settings are specified correctly.
- The paper size is compatible with color calibration.
  - Performing Color Calibration

### Paper is not Fed or Ejected Properly

- Remove Jammed Roll Paper
- Remove a Jammed Sheet
- Roll paper cannot be inserted into the Paper Feed Slot
- Cannot load sheets
- Roll Paper Is not Fed Automatically
- Roll Paper Is not Switched Automatically
- > Paper Source Does Not Switch When Roll Paper Is Used Up
- Roll Paper Remains/Lacks under Quantity Management
- > The printer ejects blank, unprinted paper

## Q

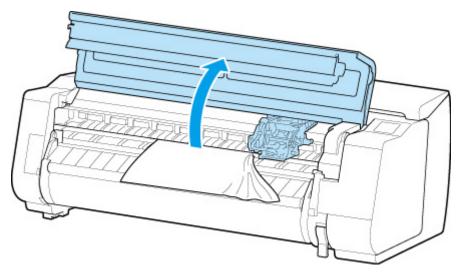
### **Remove Jammed Roll Paper**



If roll paper jams, follow the steps below to remove jams.

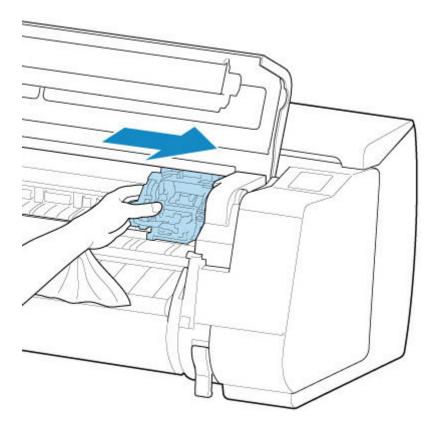
#### >>>> Note

- If "The paper is jammed. Lift the release lever and remove the paper." appears on the touch screen, Step 1 and Step 9 can be skipped.
- **1.** Turn off the power to the printer.
  - <u>Turning the Printer On and Off</u>
- 2. Open the top cover.



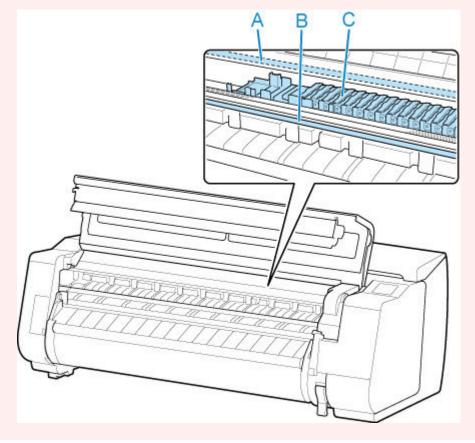
#### >>>> Note

- If the roll paper is very curled or the leading edge of the roll paper blocks the Carriage, setting the cutting method for the roll paper to **User cut** and leading edge detection to **Do not detect** may stop the paper from blocking the carriage.
  - Specifying the Cutting Method for Rolls
- **3.** If the Carriage is out, move the Carriage to the left or right side, away from the jammed paper.

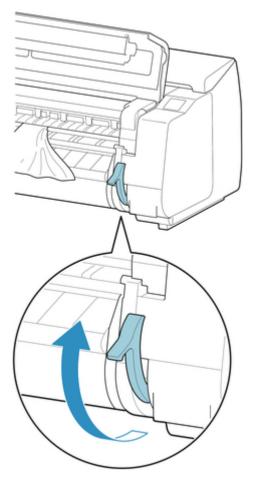


### >>>> Important

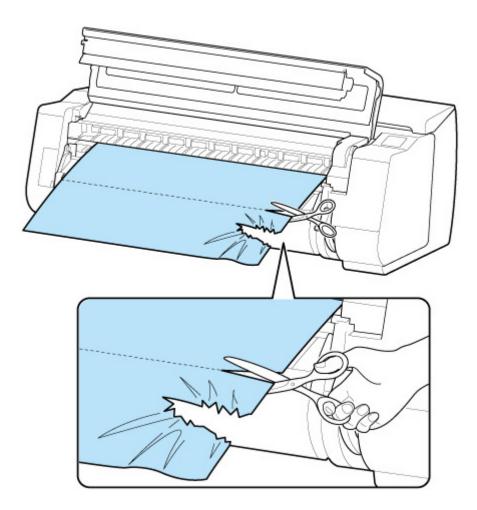
• Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



**4.** Lift up the release lever.

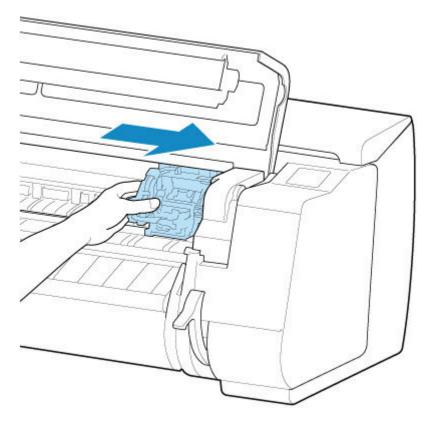


**5.** Holding the paper on both sides, pull the jammed portion out toward the front. Use scissors or a cutting tool to cut away the printed or wrinkled portion.



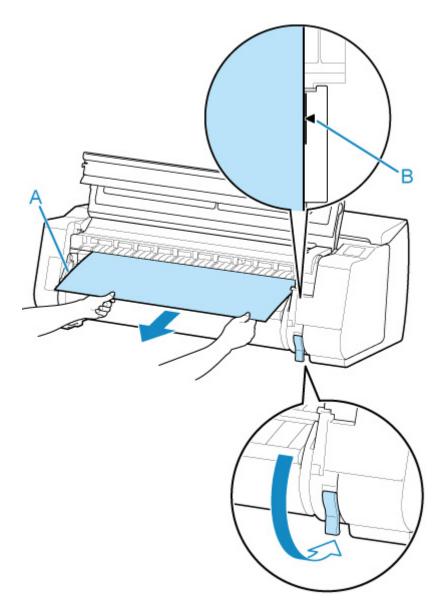
### 1 Caution

- Be careful not to injure yourself or scratch the printer when cutting.
- **6.** If the Carriage is on the left, move the Carriage to the right until it stops.



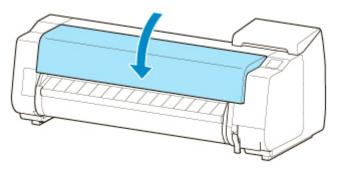
### >>>> Important

- Always move the Carriage to the right side. If the Carriage is on the left, an error message may appear on the touch screen when you turn on the printer.
- 7. Hold the leading edge of the roll paper in the middle and pull it gently and evenly until it reaches the output guide (A) position. At this time, align the right edge of the roll paper parallel to the paper alignment line (B). When the paper is parallel to the line, lower the release lever.



### >>>> Important

- Align the roll paper with the paper alignment line (B) and make sure to keep the paper tension.
- Do not pull the roll paper forcefully. This might cause the roll paper to feed at an angle.
- 8. Close the top cover.



- **9.** Turn on the power to the printer.
  - ➡ Turning the Printer On and Off

The roll is advanced and the printer is ready to print.

### >>>> Note

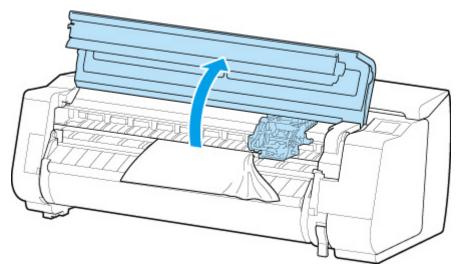
- To trim the leading edge cleanly, select the paper being fed on the touch screen, and then cut the leading edge by selecting **Cut paper** in **Feed/cut**.
  - <u>Cutting Roll Paper</u>

### **Q** Remove a Jammed Sheet

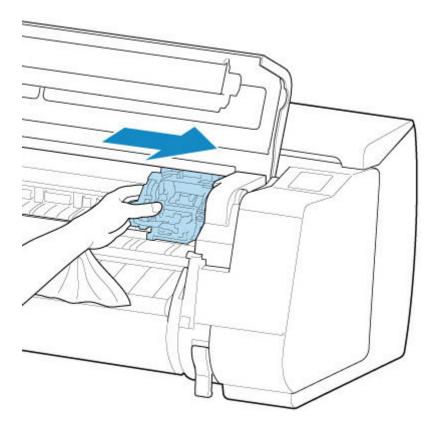


If a sheet jams, follow the steps below to remove it.

- **1.** Turn off the power to the printer.
  - ➡ Turning the Printer On and Off
- 2. Open the top cover.

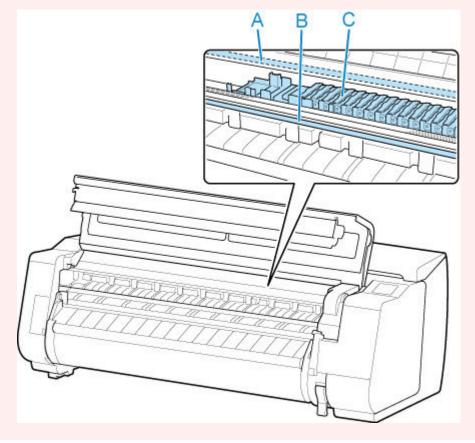


**3.** If the Carriage is out, move the Carriage to the left or right side, away from the jammed paper.

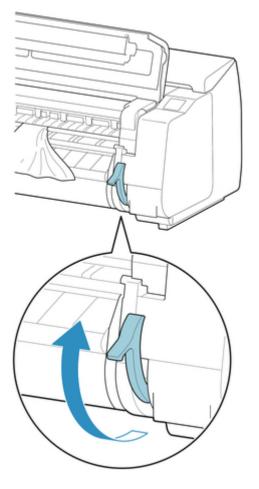


### >>>> Important

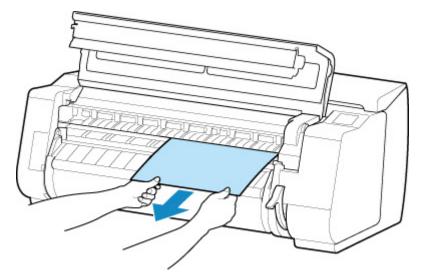
• Do not touch the linear scale (A), carriage shaft (B), or ink tube stabilizer (C). Touching these may cause malfunction.



4. Lift up the release lever.

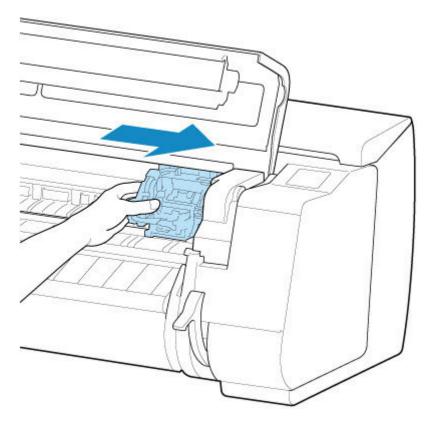


**5.** Hold the paper and pull it out toward the front.



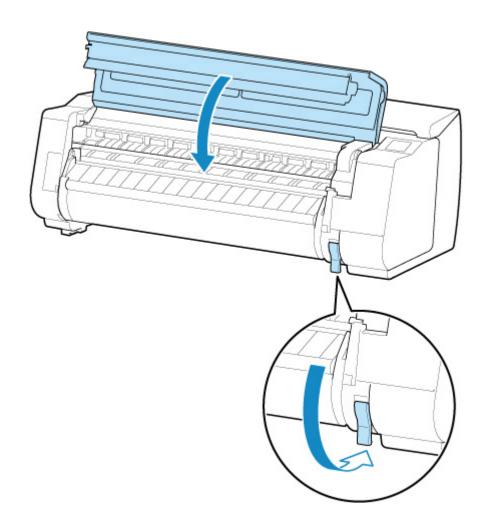
After removing the paper, inspect the interior to ensure paper fragments or other objects do not remain.

6. If the Carriage is on the left, move the Carriage to the right until it stops.



### >>>> Important

- Always move the Carriage to the right side. If the Carriage is on the left, an error message may appear on the touch screen when you turn on the printer.
- 7. Lower the release lever and close the top cover.



- 8. Turn on the power to the printer.
  - ➡ <u>Turning the Printer On and Off</u>



### Roll paper cannot be inserted into the Paper Feed Slot

## A

Check 1

Is the roll paper curled?

Straighten out curls and reload the roll.

Is paper jammed in the feed slot?

Remove the jammed paper.

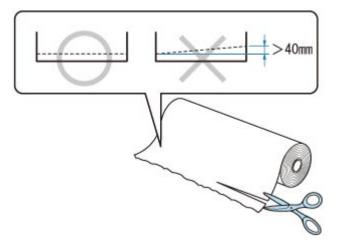
- Remove Jammed Roll Paper
- Remove a Jammed Sheet

Check 3 Check that the correct paper source has been selected.

Tap Paper Setting Display in the touch screen menu, and then select the paper source.

Check 4 The leading edge of the roll paper may not be cut properly.

If the leading edge of the roll paper is crooked or folded, the paper may not be fed correctly. Cut the leading edge with scissors to straighten it. If the roll paper has a printed barcode, be careful not to cut the barcode part.



Check 5 Is the roll unit in **Take-up mode** when feeding from the roll unit?

Select Roll unit use settings in the touch screen menu, and set it to paper feed mode.

Using the Roll Unit for Media Take-Up

## **Q** Cannot load sheets

## A

Check Check that the correct paper source has been selected

Tap Paper Settings Display area in the touch screen menu, and then select the paper source. Select **Load paper** and load the paper.

➡ Loading Sheets in the Printer

## Q,

### **Roll Paper Is not Fed Automatically**

## A



Check the auto feed settings.

#### Select Enable for Roll paper auto feed on Paper-related settings.

Paper-related settings

#### Check 2 Check the setting for **Paper retention settings**.

#### Select While feeding for Paper retention settings on Paper-related settings.

Paper-related settings

Check 3 Make sure automatic paper feed can be used for the roll you are using.

Refer to "Paper Setting List(Roll Paper)" to make sure automatic paper feed can be used for the roll you are using.

Paper Information List

Check 4 Make sure the roll is being fed.

If not, feed the roll manually.

- ➡ Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit

Check 5 Make sure the paper width of the roll is 250 mm or more.

The auto feed function does not support paper with a width of less than 250 mm.

If you use the roll with paper width less than 250 mm, select **Disable** for **Roll paper auto feed** on **Paper-related settings** and feed paper manually.

- Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit

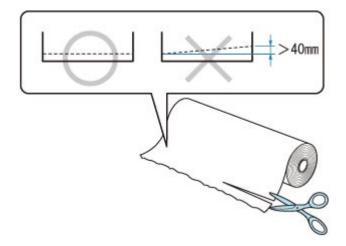
Check 6 Are you using an old roll holder?

Be sure to use the roll holder supplied with the printer.

Roll Holder Set

Check 7 The leading edge of the roll paper may not be cut properly.

If the leading edge of the roll paper is crooked or folded, the paper may not be fed correctly. Cut the leading edge with scissors to straighten it. If the roll paper has a printed barcode, be careful not to cut the barcode part.



Depending on the operating conditions of the printer (temperature, humidity, etc.), auto feed may not work. If paper cannot be fed even after performing the above actions, set **Roll paper auto feed** to **Disable**, **Paper retention settings** to **Release**, and then feed the paper manually.

Paper-related settings



### **Roll Paper Is not Switched Automatically**

## A

When using certain paper types and widths under certain temperature and humidity conditions, roll paper auto switching may not be possible.

Set Paper retention settings to Release in the touch screen menu and feed the paper manually.

- Paper-related settings
- Loading Rolls in the Printer
- ➡ Loading Roll Paper in the Roll Unit

#### >>>> Note

• Roll paper cannot be fed or switched automatically until you change this setting.

If the roll cannot be switched at the end, make sure **Switch roll paper when low** is set to **Enable**.

➡ Paper Source Does Not Switch When Roll Paper Is Used Up



### Paper Source Does Not Switch When Roll Paper Is Used Up



Check Check the paper settings.

Check the following setting items on **Paper-related settings** and perform settings.

- Select Enable for Switch roll paper when low.
- Select Barcodes or Auto estimate for Manage remaining roll amount.
- Select While feeding for Paper retention settings.
- Paper-related settings



### **Roll Paper Remains/Lacks under Quantity Management**

## A

Check 1 Is the remaining amount of loaded roll paper set correctly?

If all of the following conditions are met, you can specify the remaining amount of the loaded roll paper manually when you load it.

- Barcodes is selected for Manage remaining roll amount.
- Enable is selected for Roll paper auto feed.
- Auto detect or Use current media type is selected for Media type selection method.
- Paper-related settings

You must specify the remaining amount of roll within about five seconds. If you do not, the roll length specified on **Advanced paper settings** is regarded as the default value.

The difference between the value and actual length of loaded roll paper makes the remaining amount large or small.

#### Check 2 Check the setting of Manage remaining roll amount.

- If Barcodes is selected for Manage remaining roll amount:
  - 1. Enter Length of roll paper 1 and Length of roll paper 2, and tap OK.
  - 2. Select the timing of warning messages from Roll amount warning settings.
- If Auto estimate is selected for Manage remaining roll amount:

Make sure the media type is configured correctly.

Make sure **Paper core outer diameter** and **Paper thickness** are configured correctly for **Advanced paper settings**.

#### >>>> Note

- Paper core outer diameter and Paper thickness must be set correctly for auto estimation to be accurate.
- · Contact the media manufacturer for paper core outer diameter and paper thickness.
- For pre-registered paper, the paper core outer diameter and paper thickness are set, but they may be changed at the convenience of the media manufacturer.
- If you want to use paper that is not displayed in the paper information list, set the paper thickness and paper core outer diameter in the Media Configuration Tool.
  - Media Configuration Tool Guide
- Paper-related settings



### The printer ejects blank, unprinted paper

## A

Check 1 The leading edge of the roll paper may have been trimmed.

The leading edge of the roll paper may be trimmed if **Trim edge first** is not set to **Off** or **Manual** in the touch screen menu.

Cutting the Leading Edge of Roll Paper Automatically

Check 2 Is the Print head nozzle blocked?

Print a nozzle check pattern to check the Print head status.

<u>Checking for Nozzle Clogging</u>

Check 3 Is the correct printer driver selected?

Print again using the correct printer driver for your printer.

Check 4 When you print data including HP RTL command, check the settings below in the touch screen menu.

- Set Auto rotation to OFF.
- If Rotate is set to 90 degrees, select 0 degrees and start printing.
- Auto rotation
- Rotate

If none of the above apply, there may be a printer malfunction.

Contact your Canon dealer for assistance.

### Paper Cutting Problems

- Paper is not cut
- > Paper is not cut straight
- Cutter Blade Does Not Work While Cutting Is in Progress
- > I want to know how to configure roll cutting
- I want to configure so that the roll is cut automatically after waiting for the ink to dry
- > When Trim edge first is set, the trimmed paper is drawn into the roll unit

## **Q** Paper is not cut

## A

### Check 1 Is Automatic Cutting in the printer driver set to No or Print Cut Guideline?

Set the printer driver Automatic Cutting setting to Yes.

- ➡ Page Setup Tab Description (Windows)
- Advanced Paper Settings (macOS)

#### Check 2 Is Cutting mode in the touch screen menu set to Eject cut or User cut?

If Cutting mode is set to Eject cut, select Cut paper on the touch screen to cut the paper.

If Cutting mode is set to User cut, cut the roll paper with a cutting implement such as scissors.

- Specifying the Cutting Method for Rolls
- <u>Cutting Roll Paper after Printing</u>

#### Check 3 Is the cutter blade attached?

Attach the cutter blade.

Replacing the Cutter Blade

## Check 4 Is the cutting method for paper ejected after printing set to **Do not cut** when the roll unit is set to **Take-up mode**?

Follow the steps below to change the settings.

- 1. Select the roll unit on the touch screen.
- 2. Select Roll unit use settings, and then select Use the cutting mode setting.
- 3. Set the Cutting mode for Roll paper 1 on the touch screen to Automatic cut.



### Paper is not cut straight



Check 1 Is the edge of the paper cutting position creased?

Straighten out any curling by the edges of the paper.

Check 2 Is the edge of the paper cutting position lifting up when cutting?

Reload the paper correctly.

#### Check 3 Is the paper a type that can be cut with the cutter blade?

Set **Cutting mode** in the touch screen menu to **User cut**, then and cut the roll paper with a cutting implement such as scissors.

- Specifying the Cutting Method for Rolls
- Cutting Roll Paper after Printing

Check 4 Are you using the basket properly?

Make sure that you are using the basket properly.

Using the Basket on the Printer Stand

Check 5 Are you using the stacker properly?

Make sure that you are using the stacker properly.

Using the Stacker

#### Check 6 Check that the **Cut speed** setting is correct.

If the paper edge cannot be cut straight at the cut starting position, it may be improved by selecting slower cut speed than that selected currently.

If the paper edge cannot be cut straight at the cut ending position, it may be improved by selecting faster cut speed than that selected currently.

Select paper settings display area on Home screen of touch screen, select the feed slot where the paper to change is set, then select **Paper settings > Advanced** and change the setting value of **Cut speed**.

Advanced (Paper settings)

Check 7 Did the printing material slip diagonally while being cut?

Set the **Cutting mode** in the touch screen menu to **Eject cut**, and then hold and cut the material after it has printed.

- Specifying the Cutting Method for Rolls
- Cutting Roll Paper after Printing

### Check 8 Is the cutter blade attached properly?

Attach the cutter blade properly.

Replacing the Cutter Blade

Check 9 Is the edge of the cutter blade blunt?

Replace the cutter blade.

<u>Replacing the Cutter Blade</u>

#### Check 10 Are you printing on Large-Format?

Change the position of the basket.

Printing on Large-Format or Easily Damaged Paper (Position 3)



### **Cutter Blade Does Not Work While Cutting Is in Progress**

## A

#### Check 1 Does a message appear on the touch screen?

If the cutter blade failed to cut the paper, it stops moving and a message appears on the touch screen.

Remove the paper and try printing again.

<u>Remove Jammed Roll Paper</u>

#### Check 2 Make sure the cutter blade can cut paper used currently.

Select **User cut** for **Cutting mode** in the touch screen menu and cut the roll paper with a cutting implement such as scissors.

- Specifying the Cutting Method for Rolls
- <u>Cutting Roll Paper after Printing</u>

#### Check 3 Check the setting value for **Cut speed**.

Selecting slower value may enable the cutter blade to cut paper.

Select paper settings display area on Home screen of touch screen, select the feed slot where the paper to change is set, then select **Paper settings > Advanced** and change the setting value of **Cut speed**.

Advanced (Paper settings)

Check 4 Is the edge of the cutter blade blunt?

Replace the cutter blade.

Replacing the Cutter Blade



### I want to know how to configure roll cutting

## A

Cutting methods can be selected in the printer settings and printer driver settings.

To automatically cut roll paper after printing, open the **Cutting mode** settings on the printer, and then under **Automatic cut** set **Automatic Cutting** in the printer driver to **Yes**.

When using paper that is easily scratched, or paper where the ink requires extra time to fix, we recommend setting **Cutting mode** on the printer to **Eject cut**.

- Specifying the Cutting Method for Rolls
- <u>Cutting Roll Paper after Printing</u> (Windows)
- Cutting Roll Paper after Printing (macOS)

If using the Media Take-up Unit, see the pages below for cutting settings and rolling settings after cutting.

- ➡ Using the Roll Unit for Media Take-Up
- Removing Printed Paper from the Roll Unit

## Q,

# I want to configure so that the roll is cut automatically after waiting for the ink to dry



You can set an ink drying time in the printer driver.

You can also configure the same settings on the printer itself.

Specifying the Ink Drying Time

## Q,

# When Trim edge first is set, the trimmed paper is drawn into the roll unit



Check Is the basket in position 1?

If the roll unit is being used as a paper feeder and the basket is in position 1, the paper strip discarded by **Trim edge first** for borderless printing or paper loading may get drawn into the roll unit.

In this situation, refer to Example Basket Configurations and try another position.

Example Basket Configurations

### **Paper Setting Problems**

- > Paper widths with high transparency cannot be detected
- > Paper types that can be used with this printer / What paper type to select
- Estimated paper type does not match the loaded paper type
- > The paper type that I want to print is not displayed on the Touch Screen

## Q,

### Paper widths with high transparency cannot be detected



Check Is the platen dirty with ink?

Open the top cover and clean the entire platen area.

<u>Cleaning Inside the Top Cover</u>

# Q,

# Paper types that can be used with this printer / What paper type to select

## A

For information about paper that can be used with this printer, refer to the paper information list.

Paper Information List

Select the media type according to the following.

### If using Canon genuine paper/feed confirmed paper

See "Paper Settings List (Roll Paper)" or "Paper Settings List (Cut Sheet)".

>>>> Note

For instructions on selecting the media type with the operation panel, see "<u>Changing the Type</u> <u>of Paper</u>". For instructions on selecting the media type with the printer driver, see "<u>Main Tab</u> <u>Description</u>" (Windows) or "Quality & Media" (macOS).

# If using the paper other than Canon genuine paper/feed confirmed paper

See "Using Paper Other Than Genuine Paper and feed confirmed Paper".



### Estimated paper type does not match the loaded paper type

# A

Check 1 Is this paper being used for the first time?

If this is the first time to use the paper, it may not be selected correctly. In the media type selection, manually select the correct paper type.

Check 2 Is the paper you set genuine paper or recommended paper?

See Using Paper Other Than Genuine Paper and feed confirmed Paper

Check 3 Is there any unevenness in the gloss and color of the paper surface?

Some media types may not be suitable for paper type estimation. If the paper type is not recognized correctly, manually select the correct paper in the media type selection.

# Q,

# The paper type that I want to print is not displayed on the Touch Screen

## A

If using a new paper type, start the Media Configuration Tool to get the latest media information.

Updating paper information

## Ink-related Problems

- Printer consumes a lot of ink
- Ink Level Detection
- Does this printer support sub-ink tank system





### Check 1 Are lots of full-color materials being printed?

In print jobs such as photos, images are filled with color. This consumes a lot of ink. This does not indicate a problem with the printer.

### Check 2 Is System Cleaning being carried out frequently?

**System Cleaning** uses a lot of ink. This is normal. We recommend that you only carry out **System Cleaning** after the printer has been transported, if it has not been used for a long time, or if there is a problem with the Print head.

Check 3 You have just finished initial installation, when more ink is consumed to fill the system.

If using the printer for the first time, or using it after transport, the ink tank will supply an initial fill of ink to the Print head.

Although the amount of remaining ink may drop as a result, it does not indicate a problem.

Check 4 Is the Print head nozzle blocked?

Check for nozzle clogging.

<u>Checking for Nozzle Clogging</u>

## Q> Ink Level Detection

# A

The printer ink tank detects the amount of ink remaining to prevent running out of ink while printing and to avoid printer failure.

When using an ink tank refilled with ink, the function for detecting the remaining ink level may not operate properly and printing may stop. If you want to use an ink tank refilled with ink, you need to disable the function for detecting the remaining ink level.

### >>>> Important

- Printing with the ink level detection canceled may lead to printer damage and printing problems. Canon Inc. is not liable for any damage that may occur as a result of refilling ink.
- Once the function for detecting the remaining ink level is disabled, it cannot be restored for that ink tank. To restore the function for detecting the remaining ink level, replace the ink tank with a new ink tank for that printer.
- Repeatedly removing and inserting the same ink tank can cause the contacts between the ink tank and printer to malfunction, ink may leak from the ink tank, and the printer may become damaged.

### Releasing ink level detection

Ink level detection will be deactivated if you load ink tanks once emptied.

If "The above ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank." appears on the touch screen, follow the steps below.

- **1.** Move through the screens, performing the actions described in the messages that appear on the touch screen.
- **2.** If an instruction to disable detection of remaining ink appears, touch **Stop** on the printer for at least 5 seconds, and then release it.

Ink level detection is now released.



### Does this printer support sub-ink tank system

# A

This printer supports hot-swap ink tank replacement.

Even if an ink tank becomes empty during printing, since a certain amount of ink always is stored in a sub-ink tank, you can replace the ink tank while printing.

Replacing Ink Tanks

## **About Print Settings**

- > How do I print without borders
- I want to easily create vertical or horizontal banners
- Can I perform duplex printing
- > I want to perform enlargement printing

## **Q** How do I print without borders

# A

If printing on roll paper, you can set borderless printing in the printer driver settings. (If printing on sheets, borderless printing is not possible)

- ➡ Printing without Edges Based on the Scenarios (Windows)
- Printing without Edges Based on the Scenarios (macOS)

## Q,

### I want to easily create vertical or horizontal banners

# A

You can print originals that are in landscape (or portrait) orientation automatically enlarged to fit the roll width. This is an easy way to create vertical or horizontal banners.

- Printing Hanging and Horizontal Banners (Large-Format Printing) (Windows)
- Printing Hanging and Horizontal Banners (Large-Format Printing) (macOS)

## **Q** Can I perform duplex printing

# A

This printer cannot print double-sided.

An alternative to double-sided printing is to use the **Folded Duplex** function of the Windows software Free Layout plus, which prints two pages on one side, folds the sheet back from the center, and hangs it.

➡ Laying Out Documents Freely Using Free Layout plus

## Q,

## I want to perform enlargement printing

# A

Use the printer driver to adjust the original to the paper size and width, or print enlarged or reduced by specifying a magnification factor.

- ➡ <u>Scaled Printing</u> (Windows)
- Scaled Printing (macOS)

## HP-GL/2 problems

- > With HP-GL/2, printing is misaligned
- Lines or images are missing in printed HP-GL/2 jobs
- Lines are printed too thick or thin in HP-GL/2 print jobs
- > HP-GL/2 jobs are printed in monochrome (or color)
- > Printed colors of lines are inaccurate during HP-GL/2 printing
- > HP-GL/2 jobs are printed 6 mm larger than specified
- > HP-GL/2 jobs are printed at maximum size, even if a standard size is specified
- > HP-GL/2 printing takes a long time
- > The printer stops when printing a HP-GL/2 job (the carriage stops moving)

## **Q** With HP-GL/2, printing is misaligned

# A

Check 1 Make sure the plotter origin is correct.

Check the printing commands.

Set Detect image size to Command priority or Detected size in the touch screen menu.

Detect image size

Check 2 Check the Margin setting.

Adjust the Margin setting values in the touch screen menu.

➡ Margin



### Lines or images are missing in printed HP-GL/2 jobs

## A

Is the memory full?

Check the size of the data in the print job.

Check 2 Is the printer receiving an HP-GL/2 command not supported by this printer?

Check the print job and settings.

Check 3 Has the printer received print data that includes HP RTL commands when **Auto rotation** is **ON**?

Set Auto rotation to OFF in the touch screen menu and print again.

Auto rotation

Check 4 Make sure the plotter origin is correct.

Check the printing commands.

Set Detect image size to Command priority or Detected size in the touch screen menu.

Detect image size

Check 5 Is **Oversize** set to **Disable**?

Set Oversize to Enable in the touch screen menu.

<u>Oversize</u>

### Lines are printed too thick or thin in HP-GL/2 print jobs

## Δ

Check 1 Check the **Width** setting in **Pen setup** menu.

Select Pen setup, then select Define palette, and change the Width setting of each pen in each palette.

➡ Define palette



Change the Width correction setting in the touch screen menu.

Width correction

### Check 3 Is Adjust faint lines set to OFF?

If fine lines are printed faintly, setting Adjust faint lines to ON will print the lines more distinctly.

Thicken fine lines

## **Q** HP-GL/2 jobs are printed in monochrome (or color)

# A



Check the **Color mode** setting in the touch screen menu.

<u>Color mode</u>

However, for optimal Print head performance, the printer consumes trace amounts of color ink even when **Monochrome** is selected as **Color mode**.



### Printed colors of lines are inaccurate during HP-GL/2 printing

# A

Check Is Adjust faint lines set to ON?

Setting **Adjust faint lines** to **OFF** in the touch screen menu may help produce the expected results. However, lines in some colors may appear broken.

➡ Adjust faint lines

## Q> HP-GL/2 jobs are printed 6 mm larger than specified

# A

Check Check the page size of the HP-GL/2 print job, as created in the source application.

Set **Oversize** to **Disable** in the touch screen menu.

➡ Oversize

# Q,

# HP-GL/2 jobs are printed at maximum size, even if a standard size is specified

## A

Check Check the page size of the HP-GL/2 print job, as created in the source application.

Set Detect image size to Command priority or Detected size in the touch screen menu.

Set Save paper to ON in the touch screen menu.

- Detect image size
- ➡ Save paper

## Q, HP-GL/2 printing takes a long time

# A

Check 1 Is the print data size large?

Large print jobs with a lot of data take longer to print. Please wait a while until printing is finished.

Check 2 Is Input resolution set to 600 dpi?

Set Input resolution to 300 dpi.

➡ Input resolution



### The printer stops when printing a HP-GL/2 job (the carriage stops moving)



Check 1 The printer is analyzing the print job.

Please wait a while until printing is finished.

Check 2 Is Input resolution set to 600 dpi?

Set Input resolution to 300 dpi.

➡ Input resolution

### List of Support Code for Error

Support codes appear on the PC when an error occurs.

Support codes are error identification numbers that appear alongside error messages.

If an error occurs, check the support code and follow the recommended steps to resolve the issue.

### Support code displayed

#### • 1000 to 1ZZZ

- <u>1005 100A 100B 100E 100F 1012</u>
- <u>1018 1019 1021 1022 1023 1024</u>
- <u>1025 1034 1035 1036 1039 1040</u>
- <u>1051 1052 1054 1056 1057 1058</u>
- <u>1059 1061 1200 1201 1210 1213</u>
- <u>1214 1300 1306 1317 1318 1322</u>
- <u>1323</u> <u>1324</u> <u>1325</u> <u>1326</u> <u>1327</u> <u>1328</u>
- <u>1329 1401 1403 1408 1409 140A</u>
- <u>140B</u> <u>140C</u> <u>140F</u> <u>1468</u> <u>1477</u> <u>1478</u>
- <u>1480 1481 1485 1492 1494 1495</u>
- <u>1500</u> <u>1551</u> <u>1552</u> <u>1570</u> <u>1571</u> <u>1660</u>
- <u>168B 1720 1721 1722 1730 1752</u>
- <u>1753 1756 1757 1875</u>

#### • 2000 to 2ZZZ

<u>2001</u> <u>2002</u> <u>2130</u> <u>2131</u> <u>2132</u>

#### • 3000 to 3ZZZ

 3000
 3001
 3006
 3101
 3200
 3201

 3250
 3300
 3301
 3302
 3303
 3304

 3306
 3311
 3312
 3313
 3314
 3315

 3316
 3317
 3331
 3332
 3333
 3334

 3335
 3336
 3338
 3341
 3342
 3350

```
      3351
      3352
      3414
      3415
      3416
      3417

      3418
      3419
      3420
      3421
      3422
      3423

      3424
      3448
      3451
      3451
      3451
```

#### • 4000 to 4ZZZ

4107411141124113411441164117411941204121412248014803480448054806480849004901490349054909491049114913492049224924492549264927493149324933493449354937495049524953495449554956

#### • 5000 to 5ZZZ

 $\underline{5106} \ \underline{5200} \ \underline{5A60} \ \underline{5B10} \ \underline{5B16} \ \underline{5B20}$ 

<u>5B21</u> <u>5C00</u>

#### • 6000 to 6ZZZ

 6502
 6700
 6702
 6820
 6900
 6901

 6902
 6910
 6920
 6921
 6930
 6931

 6932
 6933
 6940
 6941
 6942
 6943

 6944
 6945
 6946
 6946
 6946

• 7000 to 7ZZZ

<u>7050</u> <u>7051</u> <u>7052</u>

• 8000 to 8ZZZ

<u>8200</u>

• 9000 to 9ZZZ

<u>9000</u> <u>9001</u> <u>9110</u>

### A000 to ZZZZ

<u>B20A</u> <u>B510</u>

## Cause

You have attempted to print on a sheet, but no sheet is loaded.

## What to Do

Check the media size and type for the print job on the touch screen, and then tap OK.

### Continuing to print

Tap Load paper, and then load the paper.

- Loading Sheets in the Printer
- Stopping printing

## 100A

## Cause

You have attempted to print from Roll 1, but no roll is loaded.

## What to Do

Tap Load paper on the touch screen, and then load the paper roll and print.

➡ Loading Rolls in the Printer

### >>>> Note

## 100B

## Cause

Tried to print from Roll 2 but no paper roll has been loaded.

## What to Do

Tap Load paper on the touch screen, and then load the paper roll and print.

➡ Loading Roll Paper in the Roll Unit

### >>>> Note

## 100E

## Cause

A printer error has occurred.

## What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



**Detailed error codes** 

EC16-202E

## 100F

## Cause

A printer error has occurred.

## What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



**Detailed error codes** 

EC17-202F

## Cause

You have attempted to print on a sheet, but no sheet is loaded.

## What to Do

Tap Load paper on the touch screen, and then load cut paper and print.

➡ Loading Sheets in the Printer

### >>>> Note

## Cause

Roll 1 feeder has not been calibrated.

## What to Do

Calibrating, please remove the upper roll holder.

Removing the Roll from the Printer

## Cause

The roll unit feeder has not been calibrated.

## What to Do

Calibrating, please remove the roll holder on the roll unit.

Removing Roll Paper from the Roll Unit

## Cause

The printer has received a print job longer than the amount of roll paper left.

### What to Do

### Continuing to print

To continue printing, tap **Print with the loaded paper.** on the touch screen.

However, the roll paper may run out during the print job and you may not be able to print all of the document.

### Replacing paper

Tap Replace the paper and print on the touch screen.

Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

If using the Media Take-up Unit, tap Cancel on the touch screen to stop printing.

Remove the printed paper from the Media Take-up Unit, replace the paper with paper of the right length for the print job, and then try again.

- Removing the Roll from the Printer
- ➡ Loading Rolls in the Printer
- Removing Printed Paper from the Roll Unit

### Stopping printing

## Cause

Received print job that is longer than paper length remaining on Roll 1.

### What to Do

### Continuing to print

To continue printing, tap **Print with the loaded paper.** on the touch screen.

However, the roll paper may run out during the print job and you may not be able to print all of the document.

### Replacing paper

Tap Replace the paper and print on the touch screen.

Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

- Removing the Roll from the Printer
- ➡ Loading Rolls in the Printer

### Stopping printing

## Cause

Received print job that is longer than paper length remaining on Roll 2.

### What to Do

### Continuing to print

To continue printing, tap **Print with the loaded paper.** on the touch screen.

However, the roll paper may run out during the print job and you may not be able to print all of the document.

### Replacing paper

Tap Replace the paper and print on the touch screen.

Change the **Paper Source** in the printer driver, or replace the paper with paper of the right length for the print job, and then try again.

- Removing Roll Paper from the Roll Unit
- Loading Roll Paper in the Roll Unit

### Stopping printing

### Cause

Possible causes include the following.

- Roll paper is empty in Roll 1.
- There is remaining roll paper in Roll 1, but because it could not be advanced, it could not be detected.

### What to Do

The roll paper has run out

Follow the steps below to replace the used roll with a new roll of the same type and size.

- 1. Lift up the release lever and remove the roll paper.
  - Removing the Roll from the Printer
- 2. Load the new roll.
  - Loading Rolls in the Printer
- 3. If "There is a job which has not been printed yet. Do you want to print this job?" appears on the touch screen, tap Yes.

Printing will resume, starting from the page on which the error occurred.

#### · Feed stopped because the end of the paper roll is attached to the core with tape

Remove the used roll paper and insert a new roll paper.

- Removing the Roll from the Printer
- ➡ Loading Rolls in the Printer
- · Feed stopped because the remaining paper roll is too heavy

It may be helpful to change the printing mode, which will change the paper feed timing.

If using Windows, select a higher **Print Quality** setting under **Advanced Settings** in the printer driver.

If using macOS, select **Quality & Media** in the printer driver, and then select a higher **Print Quality** setting.

- ➡ <u>Setting the Print Quality Level (Custom)</u> (Windows)
- Setting the Print Quality Level (Custom) (macOS)

### >>>> Note

• To stop printing, tap **Stop**.

# Cause

Roll paper in Roll 2 is empty.

## What to Do

Follow the steps below to replace the used roll with a new roll of the same type and size.

- 1. Lift up the release lever and remove the roll paper.
  - Removing Roll Paper from the Roll Unit
- 2. Load the new roll.
  - ➡ Loading Roll Paper in the Roll Unit
- 3. If "There is a job which has not been printed yet. Do you want to print this job?" appears on the touch screen, tap Yes.

Printing will resume, starting from the page on which the error occurred.

#### Note

• To stop printing, tap **Stop**.

## Cause

No upper roll is loaded in printer.

### What to Do

#### Continuing to print

Load an upper roll in the printer and print.

If an upper roll is loaded in the printer, feed the roll paper manually.

- Loading Rolls in the Printer
- Stopping printing

To stop printing, tap **OK** on the touch screen.

### >>>> Note

• When Roll paper auto feed is set to Disable, roll paper is not fed automatically. Check the settings.

### Cause

No roll is loaded in roll unit.

### What to Do

#### Continuing to print

Load a roll in the roll unit and print.

If a roll is loaded in the roll unit, feed the roll paper manually.

➡ Loading Roll Paper in the Roll Unit

#### Stopping printing

To stop printing, tap **OK** on the touch screen.

### >>>> Note

• When Roll paper auto feed is set to Disable, roll paper is not fed automatically. Check the settings.

# Cause

Printer tried printing from Roll 2, but optional roll unit is not installed in lower position of printer.

# What to Do

Check if the roll unit is properly installed on the printer following the steps below.

- 1. Tap **OK** on the touch screen to stop printing.
- 2. Turn off the power and make sure the roll unit is properly installed on the printer.

### >>>> Note

- For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.
- Make sure the roll unit's connection cable is inserted all the way in.

# Cause

Unsupported roll unit is installed on printer.

# What to Do

Turn off the power and remove the roll unit.

Check the model number of the roll unit. Install a roll unit supported by the printer.

➡ Roll Unit

### >>>> Note

• For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.

# Cause

Unsupported roll unit is installed on printer.

# What to Do

Turn off the power and remove the roll unit.

Check the model number of the roll unit. Install a roll unit supported by the printer.

➡ Roll Unit

### >>>> Note

• For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.

# Cause

The media type specified in the printer driver is not the same as the media type loaded in the printer.

# What to Do

## Cause

The width of the roll paper set in **Fit Roll Paper Width** in the printer driver is not the same as the width of the roll paper loaded in the printer.

### What to Do

# Cause

The paper in the printer is smaller than the paper size set in the printer driver.

## What to Do

# Cause

The paper position is not suitable for borderless printing.

## What to Do

# Cause

The paper position is not suitable for borderless printing.

## What to Do

# Cause

Roll paper in Roll 1 has almost run out.

# What to Do

Printing will continue. Replace the upper roll in the printer with one that has enough paper for printing as soon as possible.

- Removing the Roll from the Printer
- Loading Rolls in the Printer

### >>>> Note

• To stop printing, tap **Stop**.

# Cause

Roll paper in Roll 2 has almost run out.

# What to Do

Printing will continue. Replace the lower roll in the roll unit with one that has enough paper for printing as soon as possible.

- Removing Roll Paper from the Roll Unit
- Loading Roll Paper in the Roll Unit

### >>>> Note

• To stop printing, tap **Stop**.

# Cause

The media type specified in the print job is not the same as the media type loaded in the printer.

# What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the displayed media type and size, and tap OK.

#### Printing again according to the media type

Follow the steps below to match the media type in the print job and the media type loaded in the printer.

#### • Changing the media type in the print job

- 1. Tap Cancel to stop printing.
- 2. Change the media type in the print job settings to the media type loaded in the printer, and then try again.
  - Loading Rolls in the Printer
  - ➡ Loading Sheets in the Printer

#### • Replacing paper

- 1. Tap Replace the paper and print.
- 2. Load the paper with the media type specified in the print job, and then try again.
  - Loading Rolls in the Printer
  - ➡ Loading Sheets in the Printer

#### · Printing with the current print settings

To continue printing, tap Print with the loaded paper. on the touch screen.

However, note that this error may cause paper jams and affect the printing quality.

# Cause

Top cover or print head lock lever is open.

# What to Do

Open the top cover and make sure the print head lock lever is closed properly.

Make sure there are no foreign objects caught in the top cover, and then close the top cover.

If this error appears again, close the top cover, turn the power off, wait a moment, and then turn the power back on.

### >>>> Note

• If installing a print head, close the top cover after finishing.

# Cause

The ink tank cover is open.

### What to Do

Close the ink tank cover.

# Cause

The ink tank cover is open.

### What to Do

Close the ink tank cover.

# Cause

Release lever is lifted up.

### What to Do

Lower the release lever.

If the error occurs again, turn off the printer and wait a while before restoring power.

# Cause

A printer error has occurred.

# What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

### **Detailed error codes**

EC19-2F21 EC51-2F38

# Cause

Paper jammed inside the printer while printing.

# What to Do

Follow the steps below to remove jammed paper.

- 1. Lift up the release lever and remove the jammed paper.
  - <u>Remove Jammed Roll Paper</u>
  - Remove a Jammed Sheet
- 2. Load the paper.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit
  - ➡ Loading Sheets in the Printer
- 3. If "There is a job which has not been printed yet. Do you want to print this job?" appears on the touch screen, tap Yes.

Printing will resume, starting from the page on which the error occurred.

# Cause

A print job for rolls was received when a sheet is loaded.

## What to Do

Follow these steps to load and print on a roll.

- 1. To remove the cut paper, tap **Remove paper** on the touch screen.
  - Removing Sheets
- 2. Load a new roll.
  - Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit

#### >>>> Note

• To stop printing, tap **Cancel** or **Stop** on the touch screen.

# Cause

Paper loaded crooked was detected when the paper was advanced.

# What to Do

Lift up the release lever and reload the paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

If this error appears again even after reloading the paper roll, remove the roll holder from the printer, insert the paper roll firmly into the roll holder until it is up against the flange, and then insert the roll holder into the printer.

➡ Loading Rolls on the Roll Holder

### Important

If this message continues to appear even after taking the steps above, or if you do not want this
message to appear, set Skew detection accuracy in the printer menu to OFF or Loose. However,
note that the paper will be printed skewed, which could cause paper jams and abnormal print results,
or dirty the platen and the reverse of the next printed sheet.

## Cause

A printer error has occurred.

# What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



EC0F-2F93

## Cause

Cannot detect paper size because paper is not in the correct position or because curled paper has been loaded.

## What to Do

Lift up the release lever and reload the paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Loading Sheets in the Printer

If "There is a job which has not been printed yet. Do you want to print this job?" appears on the touch screen, tap Yes.

Printing will resume, starting from the page on which the error occurred.

### >>>> Note

- If this error appears again even after reloading the paper roll, remove the roll holder from the printer, insert the paper roll firmly into the roll holder until it is up against the flange, and then insert the roll holder into the printer.
  - Loading Rolls on the Roll Holder
- This error might also appear if the platen has been dirtied by ink or another substance, or if the size of clear film could not be detected. In this case, open the top cover and clean the entire platen area.
  - <u>Cleaning Inside the Top Cover</u>

# Cause

An unsuitable paper size has been loaded.

# What to Do

Lift up the release lever and reload paper of suitable size.

Paper Sizes

### >>>> Note

• Load unused A4/letter size or larger paper if printing calibration and nozzle check patterns. Each calibration may take several sheets of paper.

# Cause

A print job for printing on sheets was sent when a roll is loaded.

# What to Do

Follow the steps below to print again.

- 1. Tap Remove paper on the touch screen to stop printing.
- 2. Remove the paper roll, load cut paper of the size and type specified in the printer driver, and then try again.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
  - ➡ Loading Sheets in the Printer

### >>>> Note

• To stop printing, tap **Cancel** or **Stop** on the touch screen.

# Cause

Received cut paper print data when using roll unit on Media Take-up Unit.

# What to Do

Follow the steps below to print again.

- 1. Tap Cancel on the touch screen to stop printing.
- 2. Remove the paper roll, load cut paper of the size and type specified in the printer driver, and then try again.
  - Removing Printed Paper from the Roll Unit
  - Loading Sheets in the Printer

# Cause

Printer could not feed upper roll.

# What to Do

Fully rewind the upper roll in the printer manually, check the following, and then tap **OK** on the touch screen.

• Is the edge of the roll paper at a slant or folded?

If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

• Is the roll paper loaded in the opposite orientation?

Load the roll paper in correct orientation.

• Is the roll paper loose?

If the roll paper is loose, remove the slack before loading the roll paper.

• Is the paper wrinkled or curled?

If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed the paper manually.

➡ Loading Rolls in the Printer

# Cause

Printer could not feed roll paper from roll unit.

# What to Do

Fully rewind the roll paper in the roll unit manually, check the following, and then tap **OK** on the touch screen.

• Is the edge of the roll paper at a slant or folded?

If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

• Is the roll paper loaded in the opposite orientation?

Load the roll paper in correct orientation.

• Is the roll paper loose?

If the roll paper is loose, remove the slack before loading the roll paper.

• Is the paper wrinkled or curled?

If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed the paper manually.

➡ Loading Roll Paper in the Roll Unit

# Cause

Upper roll jammed.

# What to Do

Fully rewind the upper roll in the printer manually, check the following, and then tap **OK** on the touch screen.

• Is the edge of the roll paper at a slant or folded?

If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

• Is the roll paper loaded in the opposite orientation?

Load the roll paper in correct orientation.

• Is the roll paper loose?

If the roll paper is loose, remove the slack before loading the roll paper.

· Is the paper wrinkled or curled?

If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed paper manually.

➡ Loading Rolls in the Printer

# Cause

Roll paper jammed in roll unit.

# What to Do

Fully rewind the roll paper in the roll unit manually, check the following, and then tap **OK** on the touch screen.

• Is the edge of the roll paper at a slant or folded?

If the edge of the roll paper is at a slant or is folded, use scissors or a cutting tool to cut it away and straighten the edge of the roll paper.

• Is the roll paper loaded in the opposite orientation?

Load the roll paper in correct orientation.

• Is the roll paper loose?

If the roll paper is loose, remove the slack before loading the roll paper.

• Is the paper wrinkled or curled?

If the paper is wrinkled or curled, straighten it out before loading it.

To continue paper feeding, tap **OK** on the touch screen and feed paper manually.

➡ Loading Roll Paper in the Roll Unit

# Cause

Failed to recognize print head.

# What to Do

Open the top cover and reattach the print head.

Replacing the Print Head

# Cause

There is a problem with the print head.

# What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

### Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

# Cause

There is a problem with the print head.

# What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

### Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

# Cause

There is a problem with the print head.

# What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

### Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

## 140A

## Cause

There is a problem with the print head.

## What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

#### Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

## 140B

## Cause

Failed to recognize print head.

#### What to Do

Open the top cover and reattach the print head.

Replacing the Print Head

# 140C

## Cause

There is a problem with the print head.

#### What to Do

Turn off the power, wait a moment, and then turn it back on.

#### 140F

## Cause

There is a problem with the print head.

## What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

#### Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

## Cause

Printer error has occurred.

#### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



EC55-2F24

## Cause

There is a problem with the print head.

## What to Do

Open the top cover and replace the print head with a new one.

Replacing the Print Head

## Cause

There is a problem with the print head.

## What to Do

Tap **OK** on the touch screen, and then replace the current print head with a new one.

#### Replacing the Print Head

If you do not have a replacement print head ready, turn off the power and replace the print head once you have the new one.

# Cause

The attached print head was previously used in a different model.

#### What to Do

Attach the correct print head.

<u>Replacing the Print Head</u>

# Cause

The attached print head was previously used in a model that uses a different ink set.

#### What to Do

Attach the correct print head.

Replacing the Print Head

# Cause

Cannot use attached print head.

#### What to Do

Attach the correct print head.

Replacing the Print Head

#### Cause

A printer error has occurred.

## What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

#### **Detailed error codes**

EC02-2F42 EC21-2F44 EC3F-2F40 EC3F-2F41

## Cause

There may be a problem with the print head.

# What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, remove and reattach the print head.

Replacing the Print Head

If that does not get rid of the error, replace the print head with a new one.

## Cause

The print head nozzle is blocked.

## What to Do

Follow the steps below to clean the print head.

- 1. Tap **Cancel** on the touch screen to stop printing.
- 2. Clean the print head.
  - <u>Cleaning the Print Head</u>

If this message still appears when printing, replace the print head.

➡ Replacing the Print Head

#### >>>> Important

• To continue printing, use the touch screen and tap **Continue printing**. However, the print results may not be satisfactory.

# Cause

The ink in the ink tank is running low.

#### What to Do

Prepare a new ink tank.

## Cause

A genuine Canon ink tank with a history of past use has been detected.

#### What to Do

To dismiss the message, tap  $\ensuremath{\text{OK}}$  on the touch screen.

#### Cause

A genuine Canon ink tank has been inserted.

#### What to Do

To dismiss the message, tap **OK** on the touch screen.

## Cause

The ink in the ink tank has run out.

# What to Do

Open the ink tank cover, and then replace the ink tank before the ink in the sub-ink tank of this printer becomes insufficient.

Replacing Ink Tanks

#### >>>> Note

• You can replace the ink tank even while printing.

## Cause

Ink tank removed during printing.

#### What to Do

If replacing the ink tank, insert a new ink tank.

Replacing Ink Tanks

### Cause

Ink tank not inserted.

#### What to Do

Insert the ink tank correctly.

Replacing Ink Tanks

## 168B

# Cause

The ink tank cannot be recognized.

Printing cannot be executed because the ink tank may not be compatible with this printer.

#### What to Do

Install the appropriate ink tank.

# Cause

The maintenance cartridge is full. It needs to be replaced.

#### What to Do

Replace the maintenance cartridge.

Replacing the Maintenance Cartridge

# Cause

The maintenance cartridge is not installed.

#### What to Do

Install the maintenance cartridge.

Replacing the Maintenance Cartridge

## Cause

Incorrect type of maintenance cartridge.

## What to Do

Insert the correct maintenance cartridge.

Replacing the Maintenance Cartridge

If this error continues to appear, contact a Canon customer service center.

# Cause

The ink tank may be an ink tank that ran out of genuine Canon ink or a counterfeit Canon ink tank.

## What to Do

To print, you must replace the ink tank or disable the function for detecting the remaining ink level.

Replacing Ink Tanks

To disable the function for detecting the remaining ink level, touch **Stop** on the printer for at least 5 seconds, and then release it.

By this operation, the fact that you have disabled the function for detecting the remaining ink level will be memorized. Please be advised that Canon shall not be liable for any malfunction or trouble caused by using a non-genuine Canon ink tank or by using non-genuine Canon ink.

#### >>>> Note

• If the function for detecting the remaining ink level is disabled, the ink tank in gray is displayed on the touch screen when checking the current ink level.

To report the counterfeit ink tank, access Canon website from the following link.

➡ Report Counterfeit

## Cause

The ink has run out.

#### What to Do

Open the ink tank cover, and then replace the ink tank.

Replacing Ink Tanks

## Cause

The remaining level of the ink cannot be correctly detected.

#### What to Do

Replace the ink tank. Printing will restart.

Replacing Ink Tanks

An ink tank that was once empty is installed.

If you want to continue printing, you need to disable the function for detecting the remaining ink level.

To disable this function, touch Stop on the printer for at least 5 seconds, and then release it.

With this operation, disabling the function for detecting the remaining ink level is memorized.

Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition or by using refilled ink tanks.

# Cause

The ink may become insufficient.

## What to Do

To perform the next process or to continue the specified process, replace the ink tank.

Replacing Ink Tanks

## Cause

Cannot fill sub ink tank.

## What to Do

Check the touch screen, remove the ink tank for the affected color, and then reinsert it.

If the inserted ink tank is empty, replace it with a new ink tank.

Replacing Ink Tanks

# Cause

Attempted to print on roll unit roll paper, but roll unit is not powered on or has been removed.

## What to Do

Turn off the power and check the connection with the roll unit.

For instructions on installing the roll unit, see the Roll Unit Setup Guide provided with the roll unit.

## Cause

An incompatible device is connected.

#### What to Do

Check the device connected to the USB flash drive port.

Only USB flash drive can be connected to this device for direct printing.

## Cause

An incompatible USB hub is connected.

## What to Do

If USB flash drive is connected to this device through a USB hub, remove the USB hub.

Connect the USB flash drive directly to this device.

## Cause

The roll paper width set in the print job is not the same as the width of the roll paper in the printer.

## What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

#### Stopping printing

Tap Cancel or Stop on the touch screen.

#### Replacing the roll paper

Follow the steps below to replace the paper with roll paper of the width set in the printer driver.

- 1. Tap Replace the paper and print, then remove the roll paper.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
- 2. Replace the paper with paper of the width set in the printer driver.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit

Printing begins.

Printing without changes

#### Tap Print with the loaded paper..

However, note that this error may cause paper jams and affect the printing quality.

#### >>>> Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.
- To suppress this message, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**. However, note that this error may affect the printing quality.
  - <u>Menu Structure</u>

## Cause

The roll paper loaded in the printer is narrower than the roll paper width in the print job.

## What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap OK.

#### Stopping printing

Tap Cancel or Stop on the touch screen.

#### Replacing the roll paper

Follow the steps below to replace the paper with roll paper of the width specified in the print job paper size settings.

- 1. Tap Replace the paper and print, then remove the roll paper.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
- 2. Replace the paper with paper of the width set in the printer driver.
  - ➡ Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit

Printing begins.

#### Printing without changes

Tap Print with the loaded paper..

However, note that this error may cause paper jams and affect the printing quality.

#### >>>> Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.
- To suppress this message, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**. However, note that this error may affect the printing quality.
  - <u>Menu Structure</u>

#### Cause

Cannot print internal printer data, such as test prints, for the following reasons.

- The paper roll loaded in the printer is too small.
- The cut paper loaded in the printer is the wrong size or type.

#### What to Do

• Roll

Tap **Replace the paper and print** on the touch screen, or lift up the release lever and replace the paper with paper of the correct size.

To stop printing, tap **Cancel** or **Stop** on the touch screen.

#### Sheet

Lift up the release lever and load paper of the same size and type as the first page.

To stop printing, tap **Stop**.

#### Cause

The print head has not been calibrated.

#### What to Do

Print Head Alignment is recommended.

Automatic Adjustment to Straighten Lines and Align Colors

#### >>>> Note

• This message will appear until Print Head Alignment is carried out.

## Cause

The print head nozzle is becoming blocked.

#### What to Do

Check the printed materials.

If the printed materials are scratched, clean the print head.

<u>Cleaning the Print Head</u>

# Cause

The print head is under conditions where the adjustment of the print head is recommended.

#### What to Do

Print Head Alignment is recommended.

Automatic Adjustment to Straighten Lines and Align Colors

#### >>>> Note

• This message will appear until Print Head Alignment is carried out.

# Cause

Common calibration or unique calibration is now recommended.

This message appears when the **Calibration guide settings** is set to **Enable** and any of the following apply.

- The printer is loaded with a media type not suitable for **Color calibration**, and the specified conditions have been met since the last time common calibration was carried out.
- The printer is loaded with a media type suitable for **Color calibration**, but there are no **Color calibration** results for that media type and the specified conditions have been met since the last time common calibration was carried out.
- The printer is loaded with a media type suitable for **Color calibration**, but there are no **Color calibration** results for that media type and also no common calibration results.

#### What to Do

Carry out common calibration as needed.

Performing Color Calibration

#### >>>> Note

- To suppress this message, set the Calibration guide settings in the touch screen menu to Disable.
  - Menu Structure

# Cause

It is almost time to replace consumables for which service is required.

# What to Do

This can used for a little while, until the message "A part needs to be replaced." appears.

Contact your Canon dealer for assistance.

# Cause

It is past the recommended time to replace consumables for which service is required.

#### What to Do

Contact your Canon dealer for assistance.

# Cause

The maintenance cartridge is almost full.

# What to Do

Prepare a new maintenance cartridge. The printer will not be able to print with a full cartridge.

<u>Replacing the Maintenance Cartridge</u>

# Cause

Printer memory is full in HP-GL/2 emulation mode.

# What to Do

Check the print data.

Printing will continue, but you may not obtain correct printing results.

# Cause

Parameter specified in HP-GL/2 command is not supported.

# What to Do

Check the print data.

Printing will continue, but you may not obtain correct printing results.

# Cause

Unsupported HP-GL/2 command was used.

# What to Do

Check the print data.

Printing will continue, but you may not obtain correct printing results.

# Cause

Printer memory is full in HP-GL/2 emulation mode.

# What to Do

Check the print data.

Printing will continue, but you may not obtain correct printing results.

# Cause

Printer memory is full in HP-GL/2 emulation mode.

# What to Do

Check the print data.

Printing will continue, but you may not obtain correct printing results.

# Cause

Media information cannot be recognized because the printer media information is corrupt.

# What to Do

Start the Media Configuration Tool, and then recover the media information.

Media Configuration Tool Guide

To set the Media Configuration Tool to recovery mode, open the Media Configuration Tool, select this device and then click **OK**.

Select and load the media information backup file.

If you do not have a media information backup file, contact a Canon customer service center.

# Cause

Incorrect print data.

Illegal number of parameters.

### What to Do

Defective print data, please check the print results.

#### Cause

Incorrect print data.

Required items have been omitted.

# What to Do

Defective print data, please check the print results.

# Cause

Incorrect print data.

Data out of range.

# What to Do

Defective print data, please check the print results.

# Cause

Incorrect print data.

Resolution value out of range.

### What to Do

Defective print data, please check the print results.

## Cause

Incorrect print data.

Compression method value out of range.

### What to Do

Defective print data, please check the print results.

## Cause

Incorrect print data.

Incorrect data formatting (color sequence, bit count).

# What to Do

Defective print data, please check the print results.

# Cause

Incorrect print data.

Illegal combination of resolution and image data format.

### What to Do

Defective print data, please check the print results.

# Cause

Print results may be abnormal as there is a large volume of print data.

# What to Do

Check the print job.

### Cause

Unsupported JPEG data format.

# What to Do

Check the JPEG data.

Printable file formats are as follows.

#### • Files which conforms to JFIF 1.02

- Processing method: Basic DCT
- Color mode: RGB/GrayScale
- Number of colors: 24bit/8bit
- Number of pixels: 38400 or less vertically and horizontally
- \* Does not support some samplings.

#### Cause

Unsupported JPEG data format.

# What to Do

Check the JPEG data.

Printable file formats are as follows.

#### • Files which conforms to JFIF 1.02

- Processing method: Basic DCT
- Color mode: RGB/GrayScale
- Number of colors: 24bit/8bit
- Number of pixels: 38400 or less vertically and horizontally
- \* Does not support some samplings.

# Cause

PDF data is print protected.

#### What to Do

Open the PDF file in Adobe Acrobat and make sure it can be printed.

## Cause

Corrupt PDF file.

#### What to Do

Open the PDF file in Adobe Acrobat and check it.

The file can also be printed from Acrobat.

# Cause

Too many fonts are used in the PDF file, causing a memory shortage. Printing will continue but some incorrect characters will be printed.

#### What to Do

Print the PDF file from a computer or convert the PDF file to JPEG and then print it.

# Cause

Resolution of JPEG data and printer settings are mismatched.

#### What to Do

Check the print results.

When the print results have problems, print using a printer driver.

# Cause

Print data contains illegal image processing table.

#### What to Do

Check the print job image processing table.

## Cause

Incorrect resolution value.

#### What to Do

Check the print settings.

# Cause

Free space on the personal box on the printer hard disk is running low.

#### What to Do

Delete unneeded jobs stored in personal boxes.

Deleting Saved Jobs

# Cause

100 jobs are stored in the personal box.

## What to Do

Delete any unneeded jobs saved in the personal box.

Deleting Saved Jobs

### Cause

The printer hard disk is full, so the job will only be printed.

(The print job will not be saved to the hard disk.)

#### What to Do

To save the print job, delete any unneeded jobs saved in the personal box.

Deleting Saved Jobs

# Cause

Communication with mail server failed.

# What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the address and port numbers of the sending mail server (SMTP server) are correct in the Remote UI mail server settings.

#### ➡ Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

# Cause

Communication with mail server failed.

# What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the address and port numbers of the receiving mail server (POP3 server) are correct in the Remote UI mail server settings.

#### Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

# Cause

Communication with mail server failed.

## What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the mail server and device secure connection (SSL) settings match.

Check the secure connection (SSL) settings in Remote UI.

Setting Mail Server

Contact the mail server administrator to configure a secure connection (SSL) to the mail server.

# Cause

Communication with mail server failed.

## What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the mail server and device secure connection (SSL) settings match.

Check the secure connection (SSL) settings in Remote UI.

➡ Setting Mail Server

Contact the mail server administrator to configure a secure connection (SSL) to the mail server.

# Cause

Communication with mail server failed.

# What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the sending mail server (SMTP server) is correctly configured in the Remote UI mail server settings.

#### ➡ Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

# Cause

Communication with mail server failed.

# What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the sending account and password are correctly configured in the Remote UI mail server settings.

#### ➡ Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

# Cause

Communication with mail server failed.

# What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the receiving mail server (POP3 server) is correctly configured in the Remote UI mail server settings.

#### ➡ Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

# Cause

Communication with mail server failed.

# What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the receiving account and password are correctly configured in the Remote UI mail server settings.

#### ➡ Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

## Cause

Communication with mail server failed.

## What to Do

Tap **OK** on the touch screen to dismiss the error.

Check that the settings on the mail server and the APOP settings on this device match.

Check this device's APOP settings in Remote UI.

Setting Mail Server

Contact the mail server administrator for configuring APOP on the mail server.

## Cause

Communication with mail server failed.

## What to Do

Tap **OK** on the touch screen to dismiss the error.

Check if the Remote UI mail server settings are correct.

#### ➡ Setting Mail Server

If this does not resolve the error, check the status of the mail server.

Contact the mail server administrator to check the server settings and status.

# Cause

Sending mail failed.

## What to Do

Tap  $\boldsymbol{\mathsf{OK}}$  on the touch screen to dismiss the error.

Specify the correct destination mail address and try again.

## Cause

IP address is conflicting.

### What to Do

Tap  $\boldsymbol{\mathsf{OK}}$  on the touch screen to dismiss the error.

Check the network configuration and change the network configuration to prevent a conflict with other network devices.

For details on changing the network configuration, refer to the documentation for your network device.

# Cause

Failed to communicate with the monitoring service center.

## What to Do

Check the network connection and perform a communication test.

For details on changing the network configuration, refer to the documentation for your network device.

### Cause

Possible causes include the following.

- Received print job for Roll 1 while Roll 2 is in use.
- Received print job for Roll 2 while Roll 1 is in use.

## What to Do

Tap  $\boldsymbol{\mathsf{OK}}$  on the touch screen to dismiss the error.

Remove the printed matter, and then try again.

# Cause

The media type specified is incompatible with this device.

#### What to Do

Tap Stop on the touch screen to stop printing.

Check the media type settings, and then try again.

# Cause

Received a print job specifying paper feed from the roll unit, but the roll unit use setting is not set to paper feed.

## What to Do

To stop printing, tap **OK** or **Stop** on the touch screen.

Check the roll unit settings, and then try again.

Switching Roll Unit Modes to Feed Device

#### Cause

Cannot print borderless for the following reasons.

- Printer driver is not set to Fit Roll Paper Width.
- Roll paper is not wide enough, or the paper is out of position.

#### What to Do

Stopping printing

Tap **Cancel** on the touch screen.

Replacing paper

Follow the steps below to replace the printer paper with paper that can be printed borderless.

- 1. Tap **Replace the paper and print** on the touch screen, then remove the roll paper.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
- 2. Replace the printer paper with paper that can be printed borderless.
  - Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit

#### Printing with the loaded paper

Tap Print with the loaded paper. on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

# Cause

The paper position is not suitable for borderless printing.

#### What to Do

Tap  $\mathbf{OK}$  on the touch screen, then reload the paper.

Insert the roll paper firmly until it is against the roll holder flange.

➡ Loading Rolls on the Roll Holder

## Cause

The paper is loaded askew.

#### What to Do

Reloading paper

Tap Replace the paper and print on the touch screen, then reload the paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit

Insert the roll paper firmly until it is against the roll holder flange.

- ➡ Loading Rolls on the Roll Holder
- Printing with the loaded paper

Tap Print with the loaded paper. on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

Stopping printing

Tap **Cancel** on the touch screen to stop printing.

#### Note

• To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

However, note that this error may affect the printing quality.

# Cause

The print job received contains settings not compatible with borderless printing.

#### What to Do

#### Changing the print job settings

Follow these steps to change the settings of the print job to enable borderless printing.

- 1. Tap Cancel on the touch screen to stop printing.
- 2. Check that the paper source is set to Roll Paper in your application.
- 3. Check that banner printing is not set, and then try again.

See the media information list for media types compatible with borderless printing.

- Paper Information List
- Printing with a border

Tap Print with border on the touch screen.

Printing with a border is now enabled.

#### >>>> Note

• To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

However, note that this error may affect the printing quality.

## Cause

Cannot print borderless because the paper is out of position.

#### What to Do

#### Reloading paper

Lift up the release lever and reload the roll paper.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit
- Printing with the loaded paper

Tap Print with the loaded paper. on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

#### Stopping printing

Tap **Cancel** on the touch screen to stop printing.

# Cause

The print job received specifies a type or width of paper that is not compatible with borderless printing.

#### What to Do

#### Changing the print job settings

Follow these steps to change the settings of the print job to enable borderless printing.

- 1. Tap Cancel on the touch screen to stop printing.
- 2. Check that the printer driver for the printer has been selected, and then try again.

See the media information list for media types compatible with borderless printing.

- Paper Information List
- Printing with a border

Tap Print with border on the touch screen.

Printing with a border is now enabled.

#### >>>> Note

• To force the printer to print, set **Detect paper setting mismatch** in the touch screen menu to **Do not detect**.

However, note that this error may affect the printing quality.

### Cause

Cannot print borderless for the following reasons.

- Fit Roll Paper Width is not specified in the printer driver.
- Roll paper is not wide enough, or the paper is out of position.

#### What to Do

Stopping printing

Tap **Cancel** on the touch screen to stop printing.

• Printing with the loaded paper

Tap Print with the loaded paper. on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

# Cause

The media type in the printer cannot be printed borderless.

#### What to Do

Tap Cancel on the touch screen to stop printing.

#### >>>> Note

- See the media information list for media types compatible with borderless printing.
  - Paper Information List

## Cause

A printer error has occurred.

### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

#### **Detailed error codes**

EC01-2F90 EC01-2F95 EC04-2F31 EC04-2F91 EC05-2F92 EC06-2F9A EC06-2F9B EC06-2F9C EC07-2F19 EC0F-2F96 EC11-2F2A EC12-2F29 EC12-2F2B EC12-2F2C EC13-2F17 EC15-2E23 EC16-2021 EC16-2022 EC16-2027 EC16-202A EC16-2038 EC17-2023 EC17-2024 EC17-2028 EC17-2029 EC17-2039 EC1B-2030 EC1B-2031 EC1B-2032 EC1B-2033 EC1C-2034 EC1C-2035 EC1C-2036 EC1C-2037 EC21-2F51 EC21-2F54 EC21-2F57 EC21-2F59 EC21-2F61 EC21-2F67 EC21-2F70 EC21-2F71 EC21-2F72 EC22-2F30 EC22-2F47 EC23-260E EC23-2F11 EC23-2F18 EC23-2F32 EC25-2F16 EC31-2F09 EC31-2F10 EC31-2F1B EC31-2F1C EC31-2F1D EC31-2F1E EC31-2F1F EC31-2F22 EC31-2F23 EC31-2F94 EC33-2F3E EC34-2602 EC34-2605 EC34-2F3B EC51-2F14 EC51-2F15 EC51-2FDE EC51-3301 EC51-3302 EC51-3303 EC51-3401 EC51-3402 EC54-290A EC54-290D EC54-2910 EC54-2911 EC54-2912 EC54-2913 EC54-2914 EC55-2F20 EC55-2F6C EC58-2F12

## Cause

Printer error has occurred.

#### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

#### Detailed error codes

EC51-203C

# Cause

Printer error has occurred.

### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



EC17-203D

## Cause

Printer error has occurred.

### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

#### Detailed error codes

EC1D-2050

## Cause

Printer error has occurred.

### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



EC1E-2053

## Cause

A printer error has occurred.

# What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, the printer may be damaged. Make a note of the detailed error code (ECxxxxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

#### Detailed error codes

EC64-2FA1

# Cause

The printer hard disk is full.

## What to Do

tap **Stop** to stop printing, and then take the following action.

- Cancel the print job in the job queue.
  - Deleting Print Jobs
- Delete unneeded jobs stored in personal boxes.
  - Deleting Saved Jobs

# Cause

The printer hard disk has not been formatted.

### What to Do

Tap **OK** on the touch screen to begin formatting the hard disk.

When formatting is complete, the data on the hard disc will be erased and the printer will automatically restart.

# Cause

The maximum number of jobs have been saved in the box.

## What to Do

Take the actions below.

- Cancel the print job in the job queue.
  - Deleting Print Jobs
- Delete unneeded jobs stored in personal boxes.
  - Deleting Saved Jobs

#### >>>> Note

• To stop printing, tap **Stop**.

## Cause

A printer error has occurred.

## What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.

#### **Detailed error codes**

EC51-3304 EC51-3306 EC51-3307 EC51-3308 EC51-3309 EC51-330A

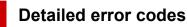
# Cause

Printer error has occurred.

### What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



EC54-290C

#### Cause

The width of the roll paper set in **Fit Roll Paper Width** in the printer driver is not the same as the width of the roll paper loaded in the printer.

#### What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

#### Stopping printing

Tap **Cancel** or **Stop** on the touch screen.

#### Replacing the roll paper

Follow the steps below to replace the paper with roll paper of the width set in the printer driver.

- 1. Tap **Replace the paper and print**, then remove the roll paper.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
- 2. Replace the paper with paper of the width set in the printer driver.
  - ➡ Loading Rolls in the Printer
  - ➡ Loading Roll Paper in the Roll Unit

Printing begins.

#### Printing without changes

Tap Print with the loaded paper..

However, note that this error may cause paper jams and affect the printing quality.

#### >>>> Note

- To change print settings in Windows, select **Fit Roll Paper Width** in the printer driver and set the roll paper width in the dialog box that appears.
- To change print settings in macOS, open the printer driver and select **Fit Roll Paper Width**, and then set the roll paper width in that panel to the width of the paper loaded in the printer.

# Cause

The media type specified in the printer driver is not the same as the media type loaded in the printer.

# What to Do

Tap **OK** on the touch screen to go to the next screen.

Check the media type and size that appear and tap **OK**.

#### Changing the printer driver print settings

Follow the steps below to match the media type in the printer driver and the media type specified for the printer.

- 1. Tap Cancel on the touch screen to stop printing.
- 2. Change the media type in the printer driver settings to the media type loaded in the printer, and then try again.

#### Replacing paper

Follow the steps below to match the media type in the printer driver and the media type specified for the printer.

- 1. Tap **Cancel** on the touch screen to stop printing.
- 2. Load the paper with the media type set in the printer driver, and then try again.
  - Loading Rolls in the Printer
  - Loading Sheets in the Printer

#### Printing without changes

To continue printing, tap **Print with the loaded paper.** on the touch screen.

However, note that this error may cause paper jams and affect the printing quality.

#### Cause

Cannot print borderless for one of the following reasons.

- The paper size in the printer cannot be printed borderless.
- The paper is loaded askew.

#### What to Do

Replacing paper

Follow the steps below to replace the printer paper with paper that can be printed borderless.

- 1. Tap Replace the paper and print on the touch screen, then remove the roll paper.
  - Removing the Roll from the Printer
  - Removing Roll Paper from the Roll Unit
- 2. Replace the printer paper with paper that can be printed borderless.
  - Loading Rolls in the Printer
  - Loading Roll Paper in the Roll Unit

Printing begins.

#### >>>> Note

See the media information list for media types compatible with borderless printing.

Paper Information List

#### Reloading paper

Tap **Replace the paper and print** on the touch screen, and then load the paper so that the edges are inside the borderless printing ink grooves.

- ➡ Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit

Insert the roll paper firmly until it is against the roll holder flange.

➡ Loading Rolls on the Roll Holder

#### · Printing with the loaded paper

Tap **Print with the loaded paper.** on the touch screen.

Paper is printed borderless with the document width set slightly smaller than the paper.

Stopping printing

Tap **Cancel** on the touch screen to stop printing.

#### Cause

Cannot cut paper for one of the following reasons.

- Paper that has been cut remains on the output guide.
- There is a foreign object near the output slot that is obstructing the cutter blade.
- The paper is not being used under the recommended usage conditions.
- The paper in use cannot be used with Automatic cut.

#### What to Do

#### • Paper that has been cut remains on the output guide

Follow the steps below to resume printing.

- 1. Lift up the release lever and remove the paper.
- 2. Load the paper.
- 3. Lower the release lever.
- 4. If "There is a job which has not been printed yet. Do you want to print this job?" appears on the touch screen, tap Yes.

Printing will resume, starting from the page on which the error occurred.

- Loading Rolls in the Printer
- Loading Roll Paper in the Roll Unit

#### • A foreign object near the output slot is obstructing the cutter blade

Follow the steps below to resume printing.

- 1. Open the top cover and remove any foreign objects.
- 2. If "There is a job which has not been printed yet. Do you want to print this job?" appears on the touch screen, tap Yes.

Printing will resume, starting from the page on which the error occurred.

Paper not being used under the recommended usage conditions

Every paper type has different recommended conditions of use. Use all paper under its recommended usage conditions.

See the media information list for recommended usage conditions.

- Paper Information List
- The paper in use cannot be used with Automatic cut

Set the roll paper cutting method to **User cut** and cut the roll paper with a cutting implement such as scissors.

Specifying the Cutting Method for Rolls

See the media information list for paper types that can be used with Automatic cut.

Paper Information List

If this does not apply, there may be a cutter blade malfunction.

Contact your Canon dealer for assistance.

#### Cause

The Media Take-up Unit cannot roll the paper for one of the following reasons.

- A paper jam has occurred and the roll cannot be rewound.
- The Media Take-up Unit malfunctioned.

#### What to Do

#### • The take-up unit's permitted capacity is exceeded

Remove paper from the take-up unit.

Tap **OK** on the touch screen to dismiss the error.

#### >>>> Note

• You can wind the paper until the outer diameter of the wound paper is the same as the outer diameter of the paper core.

#### Paper is jammed or could not be rolled

Remove the paper from the Media Take-up Unit.

Tap **OK** on the touch screen to dismiss the error.

#### Media Take-up Unit malfunction

Contact your Canon dealer for assistance.

#### Important

• Printing will pause if there is a Media Take-up Unit error. If you do not want to printing to stop, set **Skip errors during take-up** to **ON**. However, note that this error may cause paper jams and affect the printing quality.

## Cause

Paper loaded is not suitable for **Color calibration**.

## What to Do

Follow the steps below to repeat **Color calibration**.

- 1. Tap **OK** on the touch screen to dismiss the error.
- 2. Load paper suitable for Color calibration.

See the media information list for suitable paper.

Paper Information List

Make sure the paper in the printer is the same as that in the printer media type settings. The printer will not calibrate properly if the loaded paper and media type settings are not the same.

# Cause

The performance of some internal printer sensors may be affected.

#### What to Do

Tap **OK** on the touch screen to stop **Color calibration**.

Contact your Canon dealer for assistance.

# Cause

The supplied paper size is not suitable for **Color calibration**.

#### What to Do

Tap **OK** on the touch screen to stop **Color calibration**.

Load a paper size suitable for Color calibration, and then repeat Color calibration.

- Managing Colors
- Performing Color Calibration

#### Cause

Color calibration may have failed for the following reasons.

- The paper for printing a test pattern is soiled. Otherwise, you have loaded colored paper.
- The printer may be exposed to strong light, such as direct sunlight, which can cause the sensors to malfunction.
- The test pattern was printed too faintly.

#### What to Do

Tap **OK** on the touch screen to dismiss the error, and then take the following actions.

- Load unused paper suitable for Color calibration.
- Make adjustments to ensure that the printer is not exposed to strong light.
- Print a nozzle check pattern to check the print head status.

If the pattern has gaps or horizontal white lines, the print head nozzle is blocked. Clean the print head.

<u>Checking for Nozzle Clogging</u>

#### Cause

Paper feed adjustment may have failed for the following reasons.

- The paper for printing a test pattern is soiled. Otherwise, you have loaded colored paper.
- The printer may be exposed to strong light, such as direct sunlight, which can cause the sensors to malfunction.
- The test pattern was printed too faintly.

#### What to Do

Tap **OK** on the touch screen to dismiss the error, and then take the following actions.

- Load unused paper.
- Make adjustments to ensure that the printer is not exposed to strong light.
- Print a nozzle check pattern to check the print head status.

If the pattern has gaps or horizontal white lines, the print head nozzle is blocked. Clean the print head.

<u>Checking for Nozzle Clogging</u>

# Cause

The print head cannot be calibrated because the printer is loaded with very transparent film-type paper.

#### What to Do

Tap **OK** on the touch screen to dismiss the error.

We recommend calibrating the print head with a frequently used, non-film paper.

Automatic Adjustment to Straighten Lines and Align Colors

## Cause

The print head nozzle may be blocked.

## What to Do

Follow the steps below to repeat Print Head Alignment.

- 1. Tap **OK** on the touch screen to dismiss the error.
- 2. Print a test pattern to check the nozzles.
  - <u>Checking for Nozzle Clogging</u>
- 3. If the nozzle is blocked, clean the print head.
  - Cleaning the Print Head
- 4. Repeat Print Head Alignment.
  - Automatic Adjustment to Straighten Lines and Align Colors

## Cause

The print head nozzle may be blocked.

## What to Do

Follow the steps below to repeat Print Head Alignment.

- 1. Tap **OK** on the touch screen to dismiss the error.
- 2. Print a test pattern to check the nozzles.
  - <u>Checking for Nozzle Clogging</u>
- 3. If the nozzle is blocked, clean the print head.
  - Cleaning the Print Head
- 4. Repeat Print Head Alignment.
  - Automatic Adjustment to Straighten Lines and Align Colors

### Cause

The print head nozzle may be blocked.

## What to Do

Follow the steps below to repeat Print Head Alignment.

- 1. Tap **OK** on the touch screen to dismiss the error.
- 2. Print a test pattern to check the nozzles.
  - <u>Checking for Nozzle Clogging</u>
- 3. If the nozzle is blocked, clean the print head.
  - Cleaning the Print Head
- 4. Repeat Print Head Alignment.
  - Automatic Adjustment to Straighten Lines and Align Colors

## Cause

Print head position adjustment failed.

## What to Do

Tap **OK** on the touch screen to dismiss the error and retry **Print Head Alignment** following the steps below.

- 1. Print a test pattern to check the nozzles.
  - <u>Checking for Nozzle Clogging</u>
- 2. If the nozzle is blocked, clean the print head.
  - <u>Cleaning the Print Head</u>
- 3. Retry Print Head Alignment.
  - Automatic Adjustment to Straighten Lines and Align Colors

If any print head nozzles are still blocked, replace the print head.

Replacing the Print Head

If the error appears again, the printer may be damaged. Contact a Canon customer service center.

## Cause

WPS (Push button method) connection failed.

#### What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

# Cause

Failed to connect to the wireless router.

#### What to Do

Follow the instructions on the touch screen to try connecting to the wireless router again.

# Cause

Failed to acquire IP address.

#### What to Do

Check the information that appears on the touch screen, and then try connecting again.

# Cause

Failed to set up Wi-Fi using Easy wireless connect.

#### What to Do

Tap **OK** on the touch screen to dismiss the error, and then configure the settings again.

# Cause

IPv4/IPv6 settings were changed, but wired LAN and Wi-Fi are disabled.

#### What to Do

Tap **OK** on the touch screen to dismiss the error, and then enable wired LAN or Wi-Fi.

# Cause

Attempted to change LAN settings, but they cannot be changed for the following reasons.

- Printer is operating
- Printer currently being configured using Remote UI

## What to Do

Tap **OK** on the touch screen to dismiss the error, exit other processes and then configure the settings again.

# Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC03-4061

# Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

EC21-2F7E

# 5A60

## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

#### **Detailed error codes**

EC33-4020 EC33-4021 EC33-4022 EC33-4023 EC33-4026

# Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC4A-4001

## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC22-4001

## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

#### **Detailed error codes**

EC25-4001 EC41-4001 EC43-4001 EC44-4001 EC47-4001

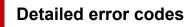
## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC48-4001

# 5C00

# Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC31-4001

#### Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

EC56-2FE0

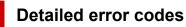
## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC57-404F

## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC57-4040

#### Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

#### **Detailed error codes**

EC07-4060 EC51-4041 EC51-4042 EC51-4045 EC51-4046 EC51-4047 EC51-404C EC51-404D EC51-404E EC51-4070 EC51-4071 EC51-4072

## Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

# Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

## Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

## Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

## Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

## Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

## What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

## Cause

A printer error has occurred.

### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

#### Cause

A printer error has occurred.

#### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

### Cause

A printer error has occurred.

#### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

### Cause

A printer error has occurred.

### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

### Cause

A printer error has occurred.

### What to Do

Turn off the power and unplug the power cord.

Wait a moment and turn the power back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then contact a Canon customer service center.

#### Detailed error codes

### Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



### Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



#### Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

#### **Detailed error codes**

EC24-4049 EC24-404A EC24-404B

# Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC51-2F07

# Cause

A printer error has occurred.

## What to Do

Turn off the power, wait a moment, and then turn it back on.

If the error appears again, make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and contact a Canon customer service center.



**Detailed error codes** 

EC51-2F06

# Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.

#### **Detailed error codes**

EC52-4038 EC52-4039

# **B20A**

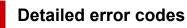
## Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC03-403A

# B510

# Cause

A printer error has occurred.

# What to Do

Make a note of the detailed error code (ECxx-xxxx) that appears on the touch screen, and then turn off the power and unplug the power cord.

Contact your Canon dealer for assistance.



EC32-4001

# **Printer Information**

- Safety
- Handling Precautions
- Specifications

# Safety

- Safety Precautions
- Regulatory Information
- ► WEEE

# **Safety Precautions**

Follow the items below to use the printer safely. This may cause unexpected accidents such as fire or electrical shock.

#### 🛝 Warning

· For people who are using a cardiac pacemaker

This product generates a low-level magnetic field. If you experience discomfort while working around this product, leave the area and consult a doctor.

• Turn off the power immediately in the following circumstances.

If you continue to use the printer in the following cases, it may cause fires or electrical shock. Immediately press the power button to turn off the printer, disconnect the power plug from the outlet, and make a request for repairs.

- If any foreign matter (metal fragments, liquids, etc.) gets inside the printer
- If the printer emits smoke, abnormal odors, or abnormal noises
- If the power cord or any of the cables become hot, corroded, bent, frayed, or damaged
- Follow the items below as there is a risk of fire and electrical shock.
  - Do not set up the product in any location exposed to alcohol, thinner, or other flammable liquids.
  - Do not disassemble or modify the product.
  - Use the cables that are included with the printer. Do not use the cables included with the printer with other devices.
  - Do not use outside of the designated power supply voltage and frequency.
  - Insert the power plug securely and completely into the power outlet.
  - Never handle the power plug with wet hands.
  - Do not damage, modify, pull, bundle, join, or forcefully bend the power cord or any cables.
  - Never place a heavy object on the power cord or any cables.
  - Do not insert multiple power plugs into the same outlet.
  - Do not connect multiple extension cords.
  - If there is lightning nearby, disconnect the power plug from the outlet and do not use the product.
  - When cleaning, always disconnect the cables and power plug, and do not use highly flammable sprays or liquids such as alcohol or thinner.
  - Once per month, disconnect the power plug and power cord from the outlet, and check that dust has not accumulated, and that there are no abnormalities such as heat generation, rust, bending, chafing, or cracking.

#### \rm Caution

- Never insert your hand into the printer while it is printing.
- Never touch the electrical contacts of the print head by hand immediately after printing.
- The following symbol is displayed around the movable parts of the printer. Take care to avoid touching them with your hand or inserting your finger. Note that this symbol may not appear on your model.



Moving Parts Keep body parts away from moving parts. Keep body parts out of the motion path.

#### Ink tanks

- Always store consumables out of the reach of small children.
- If a child licks or ingests ink accidentally, wash out their mouth or make them drink 1 or 2 cups of water, and immediately seek medical attention. If ink accidentally gets in your eyes, immediately rinse with water, and immediately seek medical attention.
- If ink gets on your skin, immediately clean it off with soap and water. If irritation persists, immediately seek medical attention.
- If ink becomes adhered to your clothes or anything you are carrying, you might not be able to wash it out.
- Do not leave in a location that gets hot, such as near a fire, near a heater, or in a vehicle. The container may deform, causing the ink to spill, or the ink quality may become degraded.

#### **Choosing a location**

- Never install the printer on an unstable or vibrating surface.
- Do not install the printer in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.

To avoid the risk of fire or electric shocks, use the printer under the operating environment specified in the <u>Specifications</u>.

- Do not place the printer on a thick rug or carpet.
- Do not place the printer with its back attached to the wall.
- We recommend ensuring ample space for installation.
- Do not install the printer near sources of strong electromagnetic fields, whether equipment that generates such fields or places where such fields occur.

#### **Power Supply**

- Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.
- Pulling the cord may damage the power cord, leading to possible fire or electrical shock.
- Do not use an extension lead/cord.
- A power cord shall be connected to a socket-outlet with earthing connection in order to prevent electric shock.

#### Working Around the Printer

- Never put your hands or fingers in the printer while it is printing.
- Firmly grasp the carrying grips on each side in the base. Holding the printer at other positions is dangerous and cause injury and damage if the printer is dropped.

- Use the following number of people to hold the printer when transporting the printer by carrying it. The weight may cause pain such as back pain.
  - For the TX-4200, TX-5420 : 6 people or more
  - For the TX-3200, TX-5320 : 6 people or more
  - For the TX-2200, TX-5220 : 6 people or more
- When using and transferring the printer, do not tilt it, stand it on its side, or turn it upside down. There is a risk of the ink spilling.
- When transferring the printer tilted, always perform the steps in "<u>Preparing to Transfer the Printer</u>" in order to protect the internal structure.
- Do not place any object on the printer. Especially do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer.

#### Print Heads/Ink Tanks/Maintenance Cartridges

- Keep ink tanks out of the reach of children. In case ink is accidentally licked or swallowed, rinse out mouth or give one or two glasses of water to drink. If irritation or discomfort occurs, obtain medical advice immediately.
- In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Never touch the electrical contacts on a print head after printing. The metal parts may be very hot and could cause burns.
- Do not throw ink tanks and maintenance cartridges into fire.
- Do not attempt to disassemble or modify the print head, ink tanks, and maintenance cartridges.
- Avoid dropping or shaking print head, ink tanks, and maintenance cartridges.

### **Regulatory Information**

#### Users in the U.S.A.

FCC Notice (U.S.A. Only) For 120V, 60Hz model Model Number: K10588/K10589/K10590 (Contains FCC Approved WLAN Module K30387)

Optional parts: Roll Unit RU-22 for TX-2200(K10588) Optional parts: Roll Unit RU-32 for TX-3200(K10589) Optional parts: Roll Unit RU-42 for TX-4200(K10590)

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

### 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





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 Directive (2006/66/EC) and/or national legislation implementing those Directives. If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg = Mercury, Cd = Cadmium, Pb = Lead) is present in this battery or accumulator at a concentration above an applicable threshold specified in the Battery Directive. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE) and batteries and accumulators. Improper handling of this type of waste could have a possible impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about the recycling of this product, please contact your local city office, waste authority, approved scheme or your household waste disposal service or visit www.canon-europe.com/weee, or www.canon-europe.com/battery.

# Nur für Europäische Union und EWR (Norwegen, Island und Liechtenstein)



Diese Symbole weisen darauf hin, dass dieses Produkt gemäß WEEE-Richtlinie (2012/19/EU; Richtlinie über Elektro- und Elektronik-Altgeräte), Batterien-Richtlinie (2006/66/EG) und nationalen Gesetzen zur Umsetzung dieser Richtlinien nicht über den Hausmüll entsorgt werden darf. Falls sich unter dem oben abgebildeten Symbol ein chemisches Symbol befindet, bedeutet dies gemäß der Batterien-Richtlinie, dass in dieser Batterie oder diesem Akkumulator ein Schwermetall (Hg = Quecksilber, Cd = Cadmium, Pb = Blei) in einer Konzentration vorhanden ist, die über einem in der Batterien-Richtlinie angegebenen Grenzwert liegt. Dieses Produkt muss bei einer dafür vorgesehenen Sammelstelle abgegeben werden. Dies kann z. B. durch Rückgabe beim Kauf eines neuen ähnlichen Produkts oder durch Abgabe bei einer autorisierten Sammelstelle für die Wiederaufbereitung von Elektro- und Elektronik-Altgeräten sowie Batterien und Akkumulatoren geschehen. Der unsachgemäße Umgang mit Altgeräten kann aufgrund potenziell gefährlicher Stoffe, die generell mit Elektro- und Elektronik-Altgeräten in Verbindung stehen, negative Auswirkungen auf die Umwelt und die menschliche Gesundheit haben. Durch Ihre Mitarbeit bei der umweltgerechten Entsorgung dieses Produkts tragen Sie zu einer effektiven Nutzung natürlicher Ressourcen bei. Um weitere Informationen über die Wiederverwertung dieses Produkts zu erhalten, wenden Sie sich an Ihre Stadtverwaltung, den öffentlich-rechtlichen Entsorgungsträger, eine autorisierte Stelle für die Entsorgung von Elektro- und Elektronik-Altgeräten oder Ihr örtliches Entsorgungsunternehmen oder besuchen Sie www.canon-europe.com/weee, oder www.canon-europe.com/battery.

#### 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,

 personenbezogener Daten auf den Altgeräten vor der Entsorgung zu löschen. Die Bedeutung von dem Symbol der durchgestrichenen Abfalltonne auf Rädern finden Sie oben in dieser Beschreibung.
 Die Vertreiber von Elektro- oder Elektronikgeräten haben die Pflicht zur unentgeltlichen Rücknahme von Altgeräten. Die Vertreiber 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 Directive européenne relative à l'élimination

des piles et des accumulateurs usagés (2006/66/CE) et les lois en vigueur dans votre pays appliquant ces directives. Si un symbole de toxicité chimique est imprimé sous le symbole illustré ci-dessus conformément à la Directive relative aux piles et aux accumulateurs, il indique la présence d'un métal lourd (Hg = mercure, Cd = cadmium, Pb = plomb) dans la pile ou l'accumulateur à une concentration supérieure au seuil applicable spécifié par la Directive. Ce produit doit être confié au distributeur à chaque fois que vous achetez un produit neuf similaire, ou à un point de collecte mis en place par les collectivités locales pour le recyclage des Déchets des Équipements Électriques et Électroniques (DEEE). Le traitement inapproprié de ce type de déchet risque d'avoir des répercussions sur l'environnement et la santé humaine, du fait de la présence de substances potentiellement dangereuses généralement associées aux équipements électriques et électroniques. Votre entière coopération dans le cadre de la mise au rebut correcte de ce produit favorisera une meilleure utilisation des ressources naturelles. Pour plus d'informations sur le recyclage de ce produit, contactez vos services municipaux, votre écoorganisme ou les autorités locales compétentes, ou consultez le site www.canon-europe.com/weee, ou www.canon-europe.com/battery.

# Uitsluitend bestemd voor de Europese Unie en EER (Noorwegen, IJsland en Liechtenstein)



Met deze symbolen wordt aangegeven dat dit product in overeenstemming met de AEEA-richtlijn (2012/19/EU), de richtlijn 2006/66/EG betreffende batterijen en accu's en/of de plaatselijk geldende wetgeving waarin deze richtlijnen zijn geïmplementeerd, niet bij het normale huisvuil mag worden weggegooid. Indien onder het hierboven getoonde symbool een chemisch symbool gedrukt staat, geeft dit in overeenstemming met de richtlijn betreffende batterijen en accu's aan dat deze batterij of accu een zwaar metaal bevat (Hg = kwik, Cd = cadmium, Pb = lood) waarvan de concentratie de toepasselijke drempelwaarde in overeenstemming met de genoemde richtlijn overschrijdt. Dit product dient te worden ingeleverd bij een hiervoor aangewezen inzamelpunt, bijv. door dit in te leveren bij een hiertoe erkend verkooppunt bij aankoop van een gelijksoortig product, of bij een officiële inzameldienst voor de recycling van elektrische en elektronische apparatuur (EEA) en batterijen en accu's. Door de potentieel gevaarlijke stoffen die gewoonlijk gepaard gaan met EEA, kan onjuiste verwerking van dit type afval mogelijk nadelige gevolgen hebben voor het milieu en de menselijke gezondheid. Uw medewerking bij het op juiste wijze weggooien 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.canoneurope.com/weee, of www.canon-europe.com/battery.

# Sólo para la Unión Europea y el Área Económica Europea (Noruega, Islandia y Liechtenstein)



Estos iconos indican que este producto no debe desecharse con los residuos domésticos de acuerdo con la Directiva sobre RAEE (2012/19/UE) y la Directiva sobre Pilas y Acumuladores (2006/66/CE) y/o la legislación nacional. Si aparece un símbolo químico bajo este icono, de acuerdo con la Directiva sobre Pilas y Acumuladores, significa que la pila o el acumulador contiene metales pesados (Hg = Mercurio, Cd = Cadmio, Pb = Plomo) en una concentración superior al límite especificado en dicha directiva. Este producto deberá entregarse en un punto de recogida designado, por ejemplo, entregándolo en el lugar de venta al adquirir un producto nuevo similar o en un centro autorizado para la recogida de residuos de aparatos eléctricos y electrónicos (RAEE), baterías y acumuladores. La gestión incorrecta de este tipo de residuos puede afectar al medio ambiente y a la salud humana debido a las sustancias potencialmente nocivas que suelen contener estos aparatos. Su cooperación en la correcta eliminación de este producto contribuirá al correcto aprovechamiento de los recursos naturales. Los usuarios tienen derecho a devolver pilas, acumuladores o baterías usados sin coste alguno. El precio de venta de pilas, acumuladores y baterías incluye el coste de la gestión medioambiental de su desecho, y no es necesario mostrar la cuantía de dicho coste en la información y la factura suministradas a los usuarios finales. Si desea más información sobre el reciclado de este producto, póngase en contacto con su municipio, el servicio o el organismo encargado de la gestión de residuos domésticos o visite www.canon-europe.com/ weee, o www.canon-europe.com/battery.

# Només per a la Unió Europea i a l'Espai Econòmic Europeu (Noruega, Islàndia i Liechtenstein)



Aquests símbols indican que aquest producte no s'ha de llençar amb les escombraries de la llar, d'acord amb la RAEE (2012/19/UE), la Directiva relativa a piles i acumuladors (2006/66/CE) i la legislació nacional que implementi aquestes directives. Si al costat d'aquest símbol hi apareix imprès un símbol químic, segons especifica la Directiva relativa a piles i acumuladors, significa que la bateria o l'acumulador conté un metall pesant (Hg = mercuri, Cd = cadmi, Pb = plom) en una concentració superior al límit aplicable especificat en la Directiva. Aquest producte s'hauria de lliurar en un dels punts de recollida designats, com per exemple, intercanviant un per un en comprar un producte similar o lliurant-lo en un lloc de recollida autoritzat per al reciclatge de residus d'aparells elèctrics i electrònics (RAEE) i piles i acumuladors. La manipulació inadequada d'aquest tipus de residus podria tenir un impacte negatiu en l'entorn i en la salut humana, a causa de les substàncies potencialment perilloses que normalment estan associades a l'RAEE. La vostra cooperació a l'hora de rebutjar correctament aguest producte contribuirà a la utilització efectiva dels recursos naturals. Els usuaris tenen dret a retornar les bateries o els acumuladors usats sense cap càrrec. El preu de venda de les bateries i els acumuladors inclou el cost de la gestió ambiental dels residus i no es necessari mostrar l'import d'aquest cost en aquest fullet o en la factura que es lliuri a l'usuari final. Per a més informació sobre el reciclatge d'aquest producte, contacteu amb l'oficina municipal, les autoritats encarregades dels residus, el pla de residus homologat o el servei de recollida d'escombraries domèstiques de la vostra localitat o visiteu www.canon-europe.com/weee, o www.canon-europe.com/battery.

#### Solo per Unione Europea e SEE (Norvegia, Islanda e Liechtenstein)



Questi simboli indicano che il prodotto non può essere smaltito con i rifiuti domestici, ai sensi della Direttiva RAEE (2012/19/UE), della Direttiva sulle Batterie (2006/66/CE) e/o delle leggi nazionali che attuano tali Direttive. Se sotto il simbolo indicato sopra è riportato un simbolo chimico, in osservanza della Direttiva sulle batterie, tale simbolo indica la presenza di un metallo pesante (Hg = Mercurio, Cd = Cadmio, Pb = Piombo) nella batteria o nell'accumulatore con un livello di concentrazione superiore a una soglia applicabile specificata nella Direttiva sulle batterie. Il prodotto deve essere conferito a un punto di raccolta designato, ad esempio il rivenditore in caso di acquisto di un nuovo prodotto simile oppure un centro di raccolta autorizzato per il riciclaggio di rifiuti di apparecchiature elettriche ed elettroniche (RAEE) nonché di batterie e accumulatori. Un trattamento improprio di questo tipo di rifiuti può avere conseguenze negative sull'ambiente e sulla salute umana a causa delle sostanze potenzialmente nocive solitamente contenute in tali rifiuti. La collaborazione dell'utente per il corretto smaltimento di questo prodotto contribuirà a un utilizzo efficace delle risorse naturali ed eviterà di incorrere in sanzioni amministrative ai sensi dell'art. 255 e successivi del Decreto Legislativo n. 152/06. Per ulteriori informazioni sul riciclaggio di questo prodotto, contattare le autorità locali, l'ente responsabile della raccolta dei rifiuti, un rivenditore autorizzato o il servizio di raccolta dei rifiuti domestici, oppure visitare il sito www.canon-europe.com/weee, o www.canon-europe.com/battery.

# Apenas para a União Europeia e AEE (Noruega, Islândia e Liechtenstein)



Estes símbolos indicam que este produto não deve ser eliminado juntamente com o seu lixo doméstico, segundo a Diretiva REEE de 2012/19/UE, a Diretiva de Baterias (2006/66/CE) e/ou a sua legislação nacional que transponha estas Diretivas. Se houver um símbolo químico impresso como mostrado abaixo, de acordo com a Diretiva de Baterias, isto indica que um metal pesado (Hg = Mercúrio, Cd = Cádmio, Pb = Chumbo) está presente nesta pilha ou acumulador, numa concentração acima de um limite aplicável especificado na Diretiva. Este produto deve ser entregue num ponto de recolha designado, por exemplo num local autorizado de troca quando compra um equipamento novo idêntico, ou num local de recolha autorizado para reciclar equipamento elétrico e eletrónico (EEE) em fim de vida, bem como pilhas e baterias. O tratamento inadequado deste tipo de resíduos pode ter um impacto negativo no ambiente e na saúde humana, devido a substâncias potencialmente perigosas que estão associadas com equipamentos do tipo EEE. A sua cooperação no tratamento correto deste produto irá contribuir para a utilização mais eficaz dos recursos naturais. Para obter mais informações acerca de como reciclar este produto, por favor contacte as suas autoridades locais responsáveis pela matéria, serviço de recolha aprovado para pilhas e baterias ou serviço de recolha de resíduos sólidos domésticos da sua municipalidade, ou visite www.canon-europe.com/weee, ou www.canon-europe.com/battery.

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



Disse symboler betyder, at produktet ikke må bortskaffes sammen med dagrenovation i henhold til WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EF) og/eller den lokale lovgivning, som disse direktiver er gennemført i. Hvis der i overensstemmelse med batteridirektivet er trykt et kemisk symbol under det symbol, der er vist ovenfor, betyder det, at batteriet eller akkumulatoren indeholder tungmetaller (Hg = kviksølv, Cd = cadmium, Pb = bly) i en koncentration, som ligger over de grænseværdier, der er beskrevet i batteridirektivet. Produktet skal afleveres på et godkendt indsamlingssted, f.eks. i overensstemmelse med en godkendt én-til-én-procedure, når du indkøber et nyt tilsvarende produkt, eller på et godkendt indsamlingssted for elektronikaffald samt for batterier og akkumulatorer. Forkert håndtering af denne type affald kan medføre negative konsekvenser for miljøet og menneskers helbred på grund af de potentielt sundhedsskadelige stoffer, der generelt kan forefindes i elektrisk og elektronisk udstyr. Når du foretager korrekt bortskaffelse af produktet, bidrager du til effektiv brug af naturressourcerne. Kontakt din kommune, den lokale affaldsmyndighed, det lokale affaldsanlæg, eller besøg www.canon-europe.com/weee, eller www.canon-europe.com/battery for at få flere oplysninger om genbrug af dette produkt.

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



Αυτά τα σύμβολα υποδεικνύουν ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα οικιακά απορρίμματα, σύμφωνα με την Οδηγία για τα Απόβλητα Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (AHHE) (2012/19/EE), την Οδηγία για τις Ηλεκτρικές Στήλες (2006/66/EK) ή/και την εθνική νομοθεσία που εφαρμόζει τις Οδηγίες εκείνες. Εάν κάποιο χημικό σύμβολο είναι τυπωμένο κάτω από το σύμβολο που φαίνεται παραπάνω, σύμφωνα με την Οδηγία για τις Ηλεκτρικές Στήλες, υποδηλώνει ότι κάποιο βαρύ μέταλλο (Hg = Υδράργυρος, Cd = Κάδμιο, Pb = Μόλυβδος) υπάρχει στην μπαταρία ή τον συσσωρευτή σε συγκέντρωση μεγαλύτερη από το ισχύον επίπεδο που καθορίζεται στην Οδηγία για τις Ηλεκτρικές Στήλες. Αυτό το προϊόν πρέπει να παραδίδεται σε καθορισμένο σημείο συλλογής, π.χ. σε μια εξουσιοδοτημένη βάση ανταλλαγής όταν αγοράζετε ένα νέο παρόμοιο προϊόν ή σε μια εξουσιοδοτημένη θέση συλλογής για την ανακύκλωση των αποβλήτων ηλεκτρικού και ηλεκτρονικού εξοπλισμού (ΗΗΕ) και των ηλεκτρικών στηλών και συσσωρευτών. Ο ακατάλληλος χειρισμός αυτού του τύπου αποβλήτων μπορεί να έχει αρνητικό αντίκτυπο στο περιβάλλον και την υγεία του ανθρώπου, λόγω δυνητικά επικίνδυνων ουσιών που γενικά συνδέονται με τον ΗΗΕ. Η συνεργασία σας για τη σωστή απόρριψη αυτού του προϊόντος θα συμβάλει στην αποτελεσματική χρήση των φυσικών πόρων. Για περισσότερες πληροφορίες σχετικά με ανακύκλωση αυτού του προϊόντος, επικοινωνήστε με το τοπικό γραφείο της πόλης σας, την υπηρεσία απορριμμάτων, το εγκεκριμένο σχήμα ή την υπηρεσία απόρριψης οικιακών αποβλήτων ή επισκεφθείτε τη διεύθυνση www.canon-europe.com/weee ή www.canon-europe.com/battery.

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



Disse symbolene indikerer at dette produktet ikke skal kastes sammen med husholdningsavfall, i henhold til WEEE-direktivet (2012/19/EU), batteridirektivet (2006/66/EF) og/eller nasjonal lov som har implementert disse direktivene. Hvis et kjemisk symbol vises under symbolet vist ovenfor, i samsvar med batteridirektivet, indikerer dette at et tungmetall (Hg = kvikksølv, Cd = kadmium, Pb = bly) finnes i batteriet eller akkumulatoren i en konsentrasjon over en gjeldende øvre grense som er spesifisert i batteridirektivet. Produktet må leveres til et dertil egnet innsamlingspunkt, det vil si på en autorisert en-til-en-basis når en kjøper et nytt lignende produkt, eller til et autorisert innsamlingssted for resirkulering av avfall fra elektrisk og elektronisk utstyr (EE-utstyr) og batterier og akkumulatorer. Feil håndtering av denne typen avfall kan være miljø- og helseskadelig på grunn av potensielt skadelige stoffer som ofte brukes i EE-utstyr. Din innsats for korrekt avhending av produktet vil bidra til effektiv bruk av naturressurser. Du kan få mer informasjon om resirkulering av dette produktet ved å kontakte lokale myndigheter, avfallsadministrasjonen, et godkjent program eller husholdningens renovasjonsselskap, eller gå til www.canon-europe.com/weee, eller www.canon-europe.com/battery.

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



Nämä tunnukset osoittavat, että sähkö- ja elektroniikkalaiteromua koskeva direktiivi (SER-direktiivi, 2012/19/EU), paristoista ja akuista annettu direktiivi (2006/66/EY) sekä kansallinen lainsäädäntö kieltävät tuotteen hävittämisen talousjätteen mukana. Jos yllä olevan symbolin alapuolelle on paristodirektiivin mukaisesti painettu kemiallisen aineen tunnus, kyseinen paristo tai akku sisältää raskasmetalleja (Hg = elohopea, Cd = kadmium, Pb = lyijy) enemmän kuin paristodirektiivin salliman määrän. Tuote on vietävä asianmukaiseen keräyspisteeseen, esimerkiksi kodinkoneliikkeeseen uutta vastaavaa tuotetta ostettaessa tai viralliseen sähkö- ja elektroniikkalaiteromun tai paristojen ja akkujen keräyspisteeseen. Sähkö- ja elektroniikkalaiteromun tai paristojen ja akkujen keräyspisteeseen. Sähkö- ja elektroniikkalaiteromun virheellinen käsittely voi vahingoittaa ympäristöä ja ihmisten terveyttä, koska laitteet saattavat sisältää ympäristölle ja terveydelle haitallisia aineita. Tuotteen asianmukainen hävittäminen säästää myös luonnonvaroja. Jos haluat lisätietoja tämän tuotteen kierrätyksestä, ota yhteys kunnan jätehuoltoviranomaisiin tai käyttämääsi jätehuoltoyhtiöön tai käy osoitteessa www.canon-europe.com/weee, tai www.canon-europe.com/battery.

# Endast för Europeiska unionen och EES (Norge, Island och Liechtenstein)



De här symbolerna visar att produkten inte får sorteras och slängas som hushållsavfall enligt WEEEdirektivet (2012/19/EU), batteridirektivet (2006/66/EG) och/eller nationell lagstiftning som implementerar dessa direktiv. Om en kemisk symbol förekommer under ovanstående symbol innebär detta enligt Batteridirektivet att en tungmetall (Hg = Kvicksilver, Cd = Kadmium, Pb = Bly) förekommer i batteriet eller ackumulatorn med en koncentration som överstiger tillämplig gräns som anges i Batteridirektivet. Produkten ska lämnas in på en avsedd insamlingsplats, t.ex. på en återvinningsstation auktoriserad att hantera elektrisk och elektronisk utrustning (EE-utrustning) samt batterier och ackumulatorer eller hos handlare som är auktoriserade att byta in varor då nya, motsvarande köps (en mot en). Olämplig hantering av avfall av den här typen kan ha negativ inverkan på miljön och människors hälsa på grund av de potentiellt farliga ämnen som kan återfinnas i elektrisk och elektronisk utrustning. Din medverkan till en korrekt avfallshantering av produkten bidrar till effektiv användning av naturresurserna. Om du vill ha mer information om var du kan lämna in den här produkten, kontakta ditt lokala kommunkontor, berörd myndighet eller företag för avfallshantering eller se www.canon-europe.com/weee, eller www.canoneurope.com/battery.

#### Pouze Evropská unie a EHP (Norsko, Island a Lichtenštejnsko)



Tento symbol znamená, že podle směrnice OEEZ (2012/19/EU), směrnice o bateriích (2006/66/ES) a/ nebo podle vnitrostátních právních prováděcích předpisů k těmto směrnicím nemá být tento výrobek likvidován s odpadem z domácností. Je-li v souladu s požadavky směrnice o bateriích vytištěna pod výše uvedeným symbolem chemická značka, udává, že tato baterie nebo akumulátor obsahuje těžké kovy (Hg = rtuť, Cd = kadmium, Pb = olovo) v koncentraci vyšší, než je příslušná hodnota předepsaná směrnicí. Tento výrobek má být vrácen do určeného sběrného místa, např. v rámci autorizovaného systému odběru jednoho výrobku za jeden nově prodaný podobný výrobek, nebo do autorizovaného sběrného místa pro recyklaci odpadních elektrických a elektronických zařízení (OEEZ), baterií a akumulátorů. Nevhodné nakládání s tímto druhem odpadu by mohlo mít negativní dopad na životní prostředí a lidské zdraví, protože elektrická a elektronická zařízení zpravidla obsahují potenciálně nebezpečné látky. Vaše spolupráce na správné likvidaci tohoto výrobku napomůže efektivnímu využívání přírodních zdrojů. Chcete-li získat podrobné informace týkající se recyklace tohoto výrobku, obraťte se prosím na místní úřad, orgán pro nakládání s odpady, schválený systém nakládání s odpady či společnost zajišťující likvidaci domovního odpadu, nebo navštivte webové stránky www.canon-europe.com/weee nebo www.canon-europe.com/battery.

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



Ezek a szimbólumok azt jelzik, hogy a termék hulladékkezelése a háztartási hulladéktól különválasztva, az elektromos és elektronikus berendezések hulladékairól (WEEE) szóló (2012/19/EU) irányelvnek és az elemekről és akkumulátorokról, valamint a hulladék elemekről és akkumulátorokról szóló (2006/66/EK)

irányelvnek megfelelően és/vagy ezen irányelveknek megfelelő helyi előírások szerint történik. Amennyiben a fent feltüntetett szimbólum alatt egy vegyjel is szerepel, az elemekről és akkumulátorokról szóló irányelvben foglaltak értelmében ez azt jelzi, hogy az elem vagy az akkumulátor az irányelvben meghatározott határértéknél nagyobb mennyiségben tartalmaz nehézfémet (Hg = higany, Cd = kadmium, Pb = ólom). E terméket az arra kijelölt gyűjtőhelyre kell juttatni – pl. hasonló termék vásárlásakor a régi becserélésére vonatkozó hivatalos program keretében, vagy az elektromos és elektronikus berendezések (EEE) hulladékainak gyűjtésére, valamint a hulladék elemek és hulladék akkumulátorok gyűjtésére kijelölt hivatalos gyűjtőhelyre. Az ilyen jellegű hulladékok nem előírásszerű kezelése az elektromos és elektronikus berendezésekhez (EEE) általánosan kapcsolható potenciálisan veszélyes anyagok révén hatással lehet a környezetre és az egészségre. E termék megfelelő leselejtezésével Ön is hozzájárul a természeti források hatékony használatához. A termék újrahasznosítását illetően informálódjon a helyi polgármesteri hivatalnál, a helyi közterület-fenntartó vállalatnál, a hivatalos hulladéklerakó telephelyen vagy a háztartási hulladék begyűjtését végző szolgáltatónál, illetve látogasson el a www.canon-europe.com/weee, vagy www.canon-europe.com/battery internetes oldalra.

#### Tylko dla krajów Unii Europejskiej oraz EOG (Norwegia, Islandia i Liechtenstein)



Te symbole oznaczają, że produktu nie należy wyrzucać razem z odpadami gospodarstwa domowego, zgodnie z dyrektywą WEEE w sprawie zużytego sprzętu elektrycznego i elektronicznego (2012/19/UE) lub dyrektywą w sprawie baterii (2006/66/WE) bądź przepisami krajowymi wdrażającymi te dyrektywy. Jeśli pod powyższym symbolem znajduje się symbol chemiczny, zgodnie z dyrektywą w sprawie baterii oznacza to, że bateria lub akumulator zawiera metal ciężki (Hg = rtęć, Cd = kadm, Pb = ołów) w stężeniu przekraczającym odpowiedni poziom określony w dyrektywie w sprawie baterii. Użytkownicy baterii i akumulatorów mają obowiązek korzystać z dostępnego programu zwrotu, recyklingu i utylizacji baterii oraz akumulatorów. Niewłaściwe postępowanie z tego typu odpadami może mieć wpływ na środowisko i zdrowie ludzi ze względu na substancje potencjalnie niebezpieczne, związane ze zużytym sprzętem elektrycznym i elektronicznym. Państwa współpraca w zakresie właściwej utylizacji tego produktu przyczyni się do efektywnego wykorzystania zasobów naturalnych. W celu uzyskania informacji o sposobie recyklingu tego produktu prosimy o kontakt z właściwym urzędem miejskim lub zakładem gospodarki komunalnej bądź zapraszamy na stronę www.canon-europe.com/weee, lub www.canon-europe.com/battery.

#### Platí len pre štáty Európskej únie a EHP (Nórsko, Island a Lichtenštajnsko)



Tieto symboly označujú, že podľa Smernice o odpade z elektrických a elektronických zariadení (OEEZ) 2012/19/EÚ, Smernice o batériách (2006/66/ES) a podľa platnej legislatívy Slovenskej republiky sa tento produkt nesmie likvidovať spolu s komunálnym odpadom. Ak je chemická značka vytlačená pod vyššie

uvedeným symbolom, znamená to, že táto batéria alebo akumulátor obsahuje ťažký kov (Hg = ortuť, Cd = kadmium, Pb = olovo) v koncentrácii vyššej, ako je príslušná povolená hodnota stanovená v Smernici o batériách. Produkt je potrebné odovzdať do určenej zberne, napr. prostredníctvom výmeny za kúpu nového podobného produktu, alebo na autorizované zberné miesto, ktoré spracúva odpad z elektrických a elektronických zariadení (EEZ), batérií a akumulátorov. Nesprávna manipulácia s takýmto typom odpadu môže mať negatívny vplyv na životné prostredie a ľudské zdravie, pretože elektrické a elektronické zariadenia obsahujú potenciálne nebezpečné látky. Spoluprácou na správnej likvidácii tohto produktu prispejete k účinnému využívaniu prírodných zdrojov. Ďalšie informácie o recyklácii tohto produktu získate od miestneho úradu, úradu životného prostredia, zo schváleného plánu OEEZ alebo od spoločnosti, ktorá zaisťuje likvidáciu komunálneho odpadu. Viac informácií nájdete aj na webovej stránke: www.canon-europe.com/weee, alebo www.canon-europe.com/battery.

#### Üksnes Euroopa Liit ja EMP (Norra, Island ja Liechtenstein)



Antud sümbolid viitavad sellele, et vastavalt elektri- ja elektroonikaseadmete jäätmeid käsitlevale direktiivile (2012/19/EL), patareisid ja akusid ning patarei- ja akujäätmeid käsitlevale direktiivile (2006/66/EÜ) ja/või nimetatud direktiive rakendavatele riiklikele õigusaktidele ei või seda toodet koos olmejäätmetega ära visata. Kui keemiline sümbol on trükitud eespool toodud sümboli alla, siis tähendab see, et antud patareis või akus leiduva raskemetalli (Hg = elavhõbe, Cd = kaadmium, Pb = plii) kontsentratsioonitase on kõrgem kui patareisid ja akusid ning patarei- ja akujäätmeid käsitlevas direktiivis sätestatud piirmäär. Antud tootest tekkinud jäätmed tuleb anda vastavasse kogumispunkti, nt müügipunkti, mis on volitatud üks ühe vastu vahetama, kui ostate uue sarnase toote, või vastavasse elektri- ja lektroonikaseadmete jäätmete ning patareide ja akude ümbertöötlemiseks mõeldud kogumispunkti. Antud liiki jäätmete vale käitlemine võib kahjustada keskkonda ja inimeste tervist elektrija elektroonikajäätmetes tavaliselt leiduvate potentsiaalselt ohtlike ainete tõttu. Antud tootest tekkinud jäätmete nõuetekohase kõrvaldamisega aitate kasutada loodusvarasid efektiivselt. Täiendava teabe saamiseks elektri- ja elektroonikaseadmetest tekkinud jäätmete ning patarei- ja akujäätmete tagastamise ja ümbertöötlemise kohta võtke ühendust kohaliku omavalitsusega, asjakohase valitsusasutusega, asjakohase tootjavastutusorganisatsiooniga või olmejäätmete käitlejaga. Lisateavet leitate ka Internetileheküljelt www.canon-europe.com/weee või www.canon-europe.com/battery.

#### Tikai Eiropas Savienībai un EEZ (Norvēģijai, Islandei un Lihtenšteinai)



Šie simboli norāda, ka atbilstoši ES Direktīvai (2012/19/ES) par elektrisko un elektronisko iekārtu atkritumiem (EEIA), Direktīvai (2006/66/EK) par baterijām un akumulatoriem, un akumulatoru atkritumiem, ar ko atceļ Direktīvu 91/157/EEK, un vietējiem tiesību aktiem šo izstrādājumu nedrīkst izmest kopā ar sadzīves atkritumiem. Ja zem iepriekš norādītā simbola ir uzdrukāts ķīmiskais simbols, saskaņā ar direktīvu par baterijām un akumulatoriem tas nozīmē, ka šīs baterijas vai akumulatori satur smagos metālus (Hg = dzīvsudrabs, Cd = kadmijs, Pb = svins) un to koncentrācijas līmenis pārsniedz direktīvā

par baterijām un akumulatoriem minēto piemērojamo slieksni. Šis izstrādājums ir jānodod piemērotā savākšanas vietā, piemēram, apstiprinātā veikalā, kur iegādājaties līdzīgu jaunu produktu un atstājat veco, vai apstiprinātā vietā izlietotu elektrisko un elektronisko iekārtu un bateriju un akumulatoru pārstrādei. Nepareiza šāda veida atkritumu apsaimniekošana var apdraudēt vidi un cilvēka veselību tādu iespējami bīstamu vielu dēļ, kas parasti ir elektriskajās un elektroniskajās iekārtās. Jūsu atbalsts pareizā šāda veida atkritumu apsaimniekošanā sekmēs efektīvu dabas resursu izmantošanu. Lai saņemtu pilnīgāku informāciju par šāda veida izstrādājumu nodošanu otrreizējai pārstrādei, sazinieties ar vietējo pašvaldību, atkritumu savākšanas atbildīgo dienestu, pilnvaroto organizāciju vai iestādi, kas veic sadzīves atkritumu apsaimniekošanu, vai apmeklējiet tīmekļa vietni www.canon-europe.com/weee, vai www.canon-europe.com/battery.

#### Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteinui)



Šie simboliai reiškia, kad šio gaminio negalima išmesti į buitines atliekas, kaip reikalaujama WEEE Direktyvoje (2012/19/ES) ir Baterijų direktyvoje (2006/66/EB) ir (ar) jūsų šalies nacionaliniuose įstatymuose, kuriais šios Direktyvos yra įgyvendinamos. Jeigu cheminio ženklo simbolis yra nurodytas žemiau šio ženklo, tai reiškia, kad vadovaujantis Baterijų direktyvą, baterijų ar akumuliatorių sudėtyje yra sunkiųjų metalų (Hg = gyvsidabrio, Cd = kadmio, Pb = švino), kurių koncentracija viršija Baterijų direktyvoje nurodytas leistinas ribas. Šį gaminį reikia pristatyti į specialųjį surinkimo punktą, pavyzdžiui, mainais, kai jūs perkate naują panašų gaminį, arba į specialiąją surinkimo vietą, kurioje perdirbamos elektrinės ir elektroninės įrangos atliekos bei naudotos baterijos ir akumuliatoriai. Dėl netinkamo šio tipo atliekų tvarkymo gali nukentėti aplinka ir iškilti grėsmė žmogaus sveikatai dėl galimai kenksmingų medžiagų, iš esmės susijusių su elektrine ir elektronine įranga. Bendradarbiaudami ir teisingai utilizuodami šiuos gaminius, jūs padėsite efektyviai naudoti gamtinius išteklius. Daugiau informacijos apie gaminio perdirbimą jums gali suteikti vietinis biuras, atliekų tvarkymo bendrovė, sertifikuoti organai ar buitinių atliekų surinkimo įmonės. Taip pat siūloma apsilankyti interneto svetainėje www.canoneurope.com/weee, arba www.canon-europe.com/battery.

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



Ti simboli pomenijo, da tega izdelka skladno z Direktivo OEEO (2012/19/EU), Direktivo 2006/66/ES in/ali nacionalno zakonodajo, ki uvaja ti direktivi, ne smete odlagati z nesortiranimi gospodinjskimi odpadki. Če je pod zgoraj prikazanim simbolom natisnjen kemijski simbol, to v skladu z Direktivo pomeni, da je v tej bateriji ali akumulatorju prisotna težka kovina (Hg = živo srebro, Cd = kadmij, Pb = svinec), in sicer v koncentraciji, ki je nad relevantno mejno vrednostjo, določeno v Direktivi. Ta izdelek je potrebno odnesti na izbrano zbirno mesto, t. j. pooblaščeno trgovino, kjer ob nakupu novega (podobnega) izdelka vrnete starega, ali na pooblaščeno zbirno mesto za ponovno uporabo odpadne električne in elektronske opreme (EEO) ter baterij in akumulatorjev. Neustrezno ravnanje s to vrsto odpadkov lahko negativno vpliva na okolje in človeško zdravje zaradi potencialno nevarnih snovi, ki so pogosto povezane z EEO.

Vaše sodelovanje pri pravilnem odlaganju tega izdelka predstavlja pomemben prispevek k smotrni izrabi naravnih virov. Za več informacij o ponovni uporabi tega izdelka se obrnite na lokalen mestni urad, pristojno službo za odpadke, predstavnika pooblaščenega programa za obdelavo odpadkov ali na lokalno komunalo. Lahko pa tudi obiščete našo spletno stran www.canon-europe.com/weee, ali www.canon-europe.com/battery.

# Само за Европейския съюз и ЕИП (Норвегия, Исландия и Лихтенщайн)



Тези символи показват, че този продукт не трябва да се изхвърля заедно с битовите отпадъци съгласно Директивата за ИУЕЕО (2012/19/ЕС), Директивата за батерии (2006/66/ЕО) и/или Вашето национално законодателство, прилагащо тези Директиви. Ако под показания горе символ е отпечатан символ за химически елемент, съгласно разпоредбите на Директивата за батерии, този втори символ означава наличието на тежък метал (Hg = живак, Cd = кадмий, Pb = олово) в батерията или акумулатора в концентрация над указаната граница за съответния елемент в Директивата. Този продукт трябва да бъде предаден в предназначен за целта пункт за събиране, например на база размяна, когато купувате нов подобен продукт, или в одобрен събирателен пункт за рециклиране на излязло от употреба електрическо и електронно оборудване (ИУЕЕО), батерии и акумулатори. Неправилното третиране на този тип отпадъци може да доведе до евентуални отрицателни последствия за околната среда и човешкото здраве поради потенциално опасните вещества, които обикновено са свързани с ЕЕО. В същото време Вашето съдействие за правилното изхвърляне на този продукт ще допринесе за ефективното използване на природните ресурси. За повече информация относно това къде можете да предадете за рециклиране на този продукт, моля свържете се с Вашите местни власти, с органа, отговорен за отпадъците, с одобрената система за ИУЕЕО или с Вашата местна служба за битови отпадъци, или посетете www.canon-europe.com/weee, или www.canon-europe.com/battery.

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



Aceste simboluri indică faptul că acest produs nu trebuie aruncat împreună cu deşeurile menajere, în conformitate cu Directiva DEEE (2012/19/UE), Directiva referitoare la baterii (2006/66/CE) şi/sau legile dvs. naţionale ce implementează aceste Directive. Dacă un simbol chimic este imprimat sub simbolul de mai sus, în conformitate cu Directiva referitoare la baterii, acest simbol indică prezenţa în baterie sau acumulator a unui metal greu (Hg = Mercur, Cd = Cadmiu, Pb = Plumb) într-o concentraţie mai mare decât pragul admis specificat în Directiva referitoare la baterii. Acest produs trebuie înmânat punctului de colectare adecvat, ex: printr-un schimb autorizat unu la unu atunci când cumpăraţi un produs nou similar sau la un loc de colectare autorizat pentru reciclarea reziduurilor de echipament electric şi electronic (EEE) şi baterii şi acumulatori. Administrarea neadecvată a acestui tip de deşeuri, ar putea avea un

impact asupra mediului și asupra sănătății umane datorită substanțelor cu potențial de risc care sunt în general asociate cu EEE. Cooperarea dvs. în direcția reciclării corecte a acestui produs va contribui la o utilizare eficientă a resurselor naturale. Pentru mai multe informații despre reciclarea acestui produs, vă rugăm să contactați biroul dvs. local, autoritățile responsabile cu deşeurile, schema aprobată sau serviciul dvs. responsabil cu deşeurile menajere sau vizitați-ne la www.canon-europe.com/weee, sau www.canon-europe.com/battery.

### Samo za Europsku uniju i EEA (Norveška, Island i Lihtenštajn)



Oznaka pokazuje da se ovaj proizvod ne smije odlagati s komunalnim i ostalim vrstama otpada, u skladu s direktivom WEEE (2012/19/EC), Direktivom o baterijama (2006/66/EC) i Pravilnikom o gospodarenju otpadnim baterijama i akumulatorima te Pravilnikom o gospodarenju otpadnim električnim i elektroničkim uređajima i opremom. Ako je ispod prethodno prikazane oznake otisnut kemijski simbol, u skladu s Direktivom o baterijama, to znači da se u ovoj bateriji ili akumulatoru nalazi teški metal (Hg = živa, Cd = kadmij, Pb = olovo) i da je njegova koncentracija iznad razine propisane u Direktivi o baterijama. Ovaj bi proizvod trebalo predati ovlašenom skupljaču EE otpada ili prodavatelju koji je dužan preuzeti otpadni proizvod po sistemu jedan za jedan, ukoliko isti odgovara vrsti te je obavljao primarne funkcije kao i isporučena EE oprema. Otpadne baterije i akumulatori predaju se ovlaštenom skupljaču otpadnih baterija ili akumulatora ili prodavatelju bez naknade i obveze kupnje za krajnjeg korisnika. Neodgovarajuće rukovanje ovom vrstom otpada može utjecati na okoliš i ljudsko zdravlje zbog potencijalno opasnih supstanci koje se najčešće nalaze na takvim mjestima. Vaša suradnja u pravilnom zbrinjavanju ovog proizvoda pridonijet će djelotvornom iskorištavanju prirodnih resursa. Dodatne informacije o recikliranju ovog proizvoda zatražite od svog lokalnog gradskog ureda, službe za zbrinjavanje otpada, odobrenog programa ili komunalne službe za uklanjanje otpada ili pak na stranicama www.canon-europe.com/weee ili www.canon-europe.com/battery.

### Korisnici u Srbiji



Ovaj simbol označava da ovaj proizvod ne sme da se odlaže sa ostalim kućnim otpadom, u skladu sa WEEE Direktivom (2012/19/EU), Direktivom o baterijama (2006/66/EC) i nacionalnim zakonima. Ukoliko je ispod gore navedenog simbola odštampan hemijski simbol, u skladu sa Direktivom o baterijama, ovaj simbol označava da su u ovoj bateriji ili akumulatoru prisutni teški metali (Hg – živa, Cd – kadmijum, Pb - olovo) u koncentracijama koje premašuju prihvatljivi prag naveden u Direktivi o baterijama. Ovaj proizvod treba predati određenom centru za prikupljanje, npr. po principu "jedan-za-jedan" kada kupujete sličan novi proizvod, ili ovlašćenom centru za prikupljanje za reciklažu istrošene električne i elektronske opreme (EEE), baterija i akumulatora. Nepravilno rukovanje ovom vrstom otpada može imati negativne posledice po životnu sredinu i ljudsko zdravlje usled potencijalno opasnih materijala koji se uglavnom vezuju za EEE. Vaša saradnja na ispravnom odlaganju ovog proizvoda će doprineti efikasnom korišćenju prirodnih resursa. Više informacija o tome kako možete da reciklirate ovaj proizvod potražite od lokalnih gradskih

vlasti, komunalne službe, odobrenog plana reciklaže ili servisa za odlaganje kućnog otpada, ili posetite stranicu www.canon-europe.com/weee, ili www.canon-europe.com/battery.

# Handling Precautions

> When Repairing, Lending, or Disposing of the Printer

# When Repairing, Lending, or Disposing of the Printer

If you have entered personal data, passwords and/or other security settings on the printer, such information may be stored in the printer.

When sending the printer for repair, lending or transferring the printer to another person, or disposing of the printer, please be sure to follow the steps below in order to delete such information and prevent third parties from accessing it.

➡ Initializing Printer's Setting

# Specifications

- Specifications
- Print Area

# Specifications

- Printer specifications
  - ➡ <u>TX-4200 / TX-5420</u>
  - ➡ <u>TX-3200 / TX-5320</u>
  - ➡ <u>TX-2200 / TX-5220</u>
- Printing performance
- Memory and hard disk
- ➡ Interface
- Network Specifications
- Operating Conditions
- ➡ <u>Ink</u>
- ➡ Paper

#### >>>> Important

• The following values may vary depending on the operating environment.

# Printer specifications

#### TX-4200 / TX-5420

Power supply	100-240 V AC (50/60 Hz)	
Power consumption	When printing (wired LAN connection): Approx. 87 W	
	Standby (wired LAN connection): Approx. 1.7 W	
	Standby (all ports connected): Approx. 2.1 W	
	When power is off: Approx. 0.1 W *1	
	*1 The printer uses a trace amount of power even when turned off. To stop all power consumption, turn off the printer and unplug the power cord.	
Operating environment	Temperature: 59 to 86 °F (15 to 30 °C)	
	Humidity: 10 to 80 % RH (with no condensation)	
Dimensions (W x D x H)	Printer only:	
	Approx. 62.8 x 28.9 x 24.8 in. (1593 x 734 x 628 mm)	
	Printer and Stand (when basket is not used):	
	Approx. 62.8 x 30.2 x 46 in. (1593 x 766 x 1168 mm)	
	Printer and Stand (when using basket: basket position 1) *1:	
	Approx. 62.8 x 38.8 x 46 in. (1593 x 984 x 1168 mm)	
	Printer and Stand (when using basket: basket position 2/4/5) *1:	
	Approx. 62.8 x 48.2 x 46 in. (1593 x 1222 x 1168 mm)	
	Printer and Stand (when using basket: basket position 3) *1:	
	Approx. 62.8 x 56.5 x 46 in. (1593 x 1434 x 1168 mm)	
	Printer and Stacker (Stacker position closed) *2:	

	Approx. 62.8 x 44.2 x 46 in. (1593 x 1122 x 1168 mm)	
	Printer and Stacker (Stacker position open) *2:	
	Approx. 62.8 x 46.8 x 46 in. (1593 x 1188 x 1168 mm)	
	*1 For details on the Basket Position, see Example Basket Configurations.	
	*2 For details on the Stacker Position, see Example Stacker Configurations.	
	Stand may not be provided depending on the region where the printer is purchased.	
Weight	Printer only (without print head and ink tanks):	
	Approx. 209 lb (95 kg)	
	Stand and basket: Approx. 40 lb (18 kg)	
	Roll unit: Approx. 44 lb (20 kg)	
	Stacker: Approx. 31 lb (14 kg)	
Space for installation (W x D x	Printer and Stand (without basket):	
Н)	Approx. 78.5 x 57.8 x 61.5 in. (1993 x 1466 x 1560 mm)	
	Printer and Stand (when using basket: basket position 1) *1:	
	Approx. 78.5 x 66.3 x 61.5 in. (1993 x 1684 x 1560 mm)	
	Printer and Stacker (Stacker position open) *2:	
	Approx. 78.5 x 74.4 x 61.5 in. (1993 x 1888 x 1560 mm)	
	*1 For details on the Basket Position, see Example Basket Configurations.	
	*2 For details on the Stacker Position, see Example Stacker Configurations.	

#### TX-3200 / TX-5320

Power supply	100-240 V AC (50/60 Hz)	
Power consumption	When printing (wired LAN connection): Approx. 86 W	
	Standby (wired LAN connection): Approx. 1.7 W	
	Standby (all ports connected): Approx. 2.2 W	
	When power is off: Approx. 0.1 W *1	
	*1 The printer uses a trace amount of power even when turned off. To stop all power consumption, turn off the printer and unplug the power cord.	
Operating environment	Temperature: 59 to 86 °F (15 to 30 °C)	
	Humidity: 10 to 80 % RH (with no condensation)	
Dimensions (W x D x H)	Printer only:	
	Approx. 54.8 x 28.9 x 24.8 in. (1390 x 734 x 628 mm)	
	Printer and Stand (when basket is not used):	
	Approx. 54.8 x 30.2 x 46 in. (1390 x 766 x 1168 mm)	
	Printer and Stand (when using basket: basket position 1) *1:	
	Approx. 54.8 x 38.8 x 46 in. (1390 x 984 x 1168 mm)	
	Printer and Stand (when using basket: basket position 2/4/5) *1:	

	Approx. 54.8 x 48.2 x 46 in. (1390 x 1222 x 1168 mm)
	Printer and Stand (when using basket: basket position 3) *1:
	Approx. 54.8 x 56.5 x 46 in. (1390 x 1434 x 1168 mm)
	Printer and Stacker (Stacker position closed) *2:
	Approx. 54.8 x 44.2 x 46 in. (1390 x 1122 x 1168 mm)
	Printer and Stacker (Stacker position open) *2:
	Approx. 54.8 x 46.8 x 46 in. (1390 x 1188 x 1168 mm)
	*1 For details on the Basket Position, see <u>Example Basket Configurations</u> .
	*2 For details on the Stacker Position, see Example Stacker Configurations.
	Stand may not be provided depending on the region where the printer is purchased.
Weight	Printer only (without print head and ink tanks):
	Approx. 191 lb (87 kg)
	Stand and basket: Approx. 40 lb (18 kg)
	Roll unit: Approx. 42 lb (19 kg)
	Stacker: Approx. 31 lb (14 kg)
Space for installation (W x D x	Printer and Stand (without basket):
H)	Approx. 70.5 x 57.8 x 61.5 in. (1790 x 1466 x 1560 mm)
	Printer and Stand (when using basket: basket position 1) *1:
	Approx. 70.5 x 66.3 x 61.5 in. (1790 x 1684 x 1560 mm)
	Printer and Stacker (Stacker position open) *2:
	Approx. 70.5 x 74.4 x 61.5 in. (1790 x 1888 x 1560 mm)
	*1 For details on the Basket Position, see <u>Example Basket Configurations</u> .
	*2 For details on the Stacker Position, see Example Stacker Configurations.

#### TX-2200 / TX-5220

Power supply	100-240 V AC (50/60 Hz)	
Power consumption	When printing (wired LAN connection): Approx. 86 W	
	Standby (wired LAN connection): Approx. 1.7 W	
	Standby (all ports connected): Approx. 2.3 W	
	When power is off: Approx. 0.1 W *1	
	*1 The printer uses a trace amount of power even when turned off. To stop all	
	power consumption, turn off the printer and unplug the power cord.	
Operating environment	Temperature: 59 to 86 °F (15 to 30 °C)	
	Humidity: 10 to 80 % RH (with no condensation)	
Dimensions (W x D x H)	Printer only:	
	Approx. 43.8 x 28.9 x 24.8 in. (1110 x 734 x 629 mm)	
	Printer and Stand (when basket is not used):	

	Approx. 43.8 x 30.2 x 46 in. (1110 x 766 x 1168 mm)	
	Printer and Stand (when using basket: basket position 1) *1:	
	Approx. 43.8 x 38.8 x 46 in. (1110 x 984 x 1168 mm)	
	Printer and Stand (when using basket: basket position 2/4/5) *1:	
	Approx. 43.8 x 48.2 x 46 in. (1110 x 1222 x 1168 mm)	
	Printer and Stand (when using basket: basket position 3) *1:	
	Approx. 43.8 x 56.5 x 46 in. (1110 x 1434 x 1168 mm)	
	Printer and Stacker (Stacker position closed) *2:	
	Approx. 43.8 x 44.2 x 46 in. (1110 x 1122 x 1168 mm)	
	Printer and Stacker (Stacker position open) *2:	
	Approx. 43.8 x 46.8 x 46 in. (1110 x 1188 x 1168 mm)	
	*1 For details on the Basket Position, see Example Basket Configurations.	
	*2 For details on the Stacker Position, see <u>Example Stacker Configurations</u> .	
	Stand may not be provided depending on the region where the printer is purchased.	
Weight	Printer only (without print head and ink tanks):	
	Approx. 165 lb (75 kg)	
	Stand and basket: Approx. 37 lb (17 kg)	
	Roll unit: Approx. 35 lb (16 kg)	
	Stacker: Approx. 26 lb (12 kg)	
Space for installation (W x D x	Printer only:	
H)	Approx. 59.5 x 56.5 x 40.2 in. (1510 x 1434 x1020 mm)	
	Printer and Stand (without basket):	
	Approx. 59.5 x 57.8 x 61.5 in. (1510 x 1466 x 1560 mm)	
	Printer and Stand (when using basket: basket position 1) *1:	
	Approx. 59.5 x 66.3 x 61.5 in. (1510 x 1684 x 1560 mm)	
	Printer and Stacker (Stacker position open) *2:	
	Approx. 59.5 x 74.4 x 61.5 in. (1510 x 1888 x 1560 mm)	
	*1 For details on the Basket Position, see <u>Example Basket Configurations</u> .	
	*2 For details on the Stacker Position, see Example Stacker Configurations.	

# Printing performance

Print method	Bubblejet	
Maximum resolution	2400 dpi (horizontally) * x 1200 dpi (vertically) * Prints with a minimum 1/2400 inch dot pitch between ink droplets.	
Number of nozzles	MBK: 5120 nozzles, others: each 2560 nozzles	

# Memory and hard disk

Memory	128 GB ( 2 GB physical memory)	
Hard disk capacity	500 GB	
	Personal mail boxes (Permanent storage area): 180 GB	
Print job storage capacity	Common Box: 100 jobs	
	Personal Boxes: 100 jobs	
Displayed job history	Operation panel: 10 jobs	
	Remote UI: 500 jobs	

# Interface

USB and the network can be used at the same time.

You cannot use Wi-Fi and wired LAN at the same time.

USB	Hi-Speed USB *	
	* To use Hi-Speed USB, your computer must support Hi-Speed USB. Addition- ally, the Hi-Speed USB interface is completely backward compatible with USB 1.1, so the printer can be connected even if the computer interface is USB 1.1.	
USB memory	USB flash drive	
LAN	Wired LAN: IEEE802.3ab (1000BASE-T) / IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) Wi-Fi: IEEE802.11n / IEEE802.11g / IEEE802.11b	

## **Network Specifications**

Communication protocol	SNMP, HTTP, TCP/IP (IPv4/IPv6), FTP	
Wired LAN specifications	Supported Standards: IEEE802.3ab (1000BASE-T) / IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T)	
	Transmission speed: 10 Mbps / 100 Mbps / 1000 Mbps (automatically selec- ted)	
	Security:IEEE802.1X (EAP-TLS/EAP-TTLS/PEAP)	
Wi-Fi specifications	Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b	
	Frequency range: 2.4 GHz	
	Channels: 1-11 or 1-13 *1	
	*1 Available channels differ depending on country or region.	
	Effective range: Indoors 164 feet/50 m *2	
	*2 Varies according to environmental conditions.	
	Security:	
	WPA-PSK (AES)	

WPA2-PSK (AES)
WPA3-SAE (AES)
WPA-EAP (AES) *3
WPA2-EAP (AES) *3
WPA3-EAP (AES) *3
*3 Supports IEEE802.1X (EAP-TLS / EAP-TTLS / PEAP)
Setup:
WPS (push button method/PIN code method)
Easy wireless connect

## **Operating Conditions**

If operating conditions of the operating system are high, follow those.

#### Windows

Compatible Operating System (Standard supplied	Windows 11
printer driver)	Windows 10
	Windows 8.1
	Windows 7
	Windows Server 2022
	Windows Server 2019
	Windows Server 2016
	Windows Server 2012 R2
	Windows Server 2012
	Windows Server 2008 R2
	Use the latest Service Pack available.
Free hard disk space	20 GB or more

#### macOS

Compatible Operating System (Standard supplied printer driver)	macOS Big Sur 11.7.10 - macOS Sonoma 14
Free hard disk space	20 GB or more

#### **Other Supported OS**

iOS, iPadOS, Android, Chrome OS

Some functions may not be available with the supported OS.

• An Internet connection is required to use the Online Manual.

- To install the software while using Windows, you must have a CD-ROM drive or a network connection.
- To install the software while using macOS, you must have a network connection.

### Ink

For information on the ink the printer supports, see Ink Tanks.

## Paper

For details on the compatible media types, see Paper Information List.

For details on the paper widths supported by the printer, see Paper Sizes.

For details about Print Area, see Print Area.

# **Print Area**

A margin required by the printer is added with respect to the size of paper loaded in the printer. Except in borderless printing, the actual printing area corresponds to the paper size minus the space for this margin.

#### >>>> Note

- Printable Area: The area that can be printed.
- For borderless printing with roll paper, the margin is 0 in. (0 mm).
  - Printing without Edges Based on the Scenarios (Windows)
  - Printing without Edges Based on the Scenarios (macOS)
- Recommended Print Area: We recommend printing within this area.
- To match the document size with the actual printing area, print on oversize paper with the required margin added.
  - Printing to Oversized Paper Sizes (Windows)
  - Printing to Oversized Paper Sizes (macOS)

### Sheets

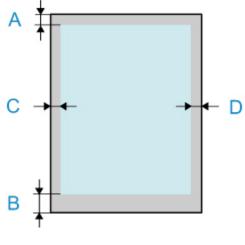
#### Printable Area:

A margin of 0.2 in. (3 mm) on top, 0.5 in. (12.7 mm) on bottom\*, and 0.2 in. (3 mm) on left and right sides is required.

#### **Recommended Print Area:**

A margin of 0.8 in. (20 mm) on top, 0.8 in. (20 mm) on bottom\*, and 0.2 in. (3 mm) on left and right sides is required.

\* The bottom margin for cut sheet depends on an OS and applications.





- B: Bottom Edge
- C: Left Edge
- D: Right Edge

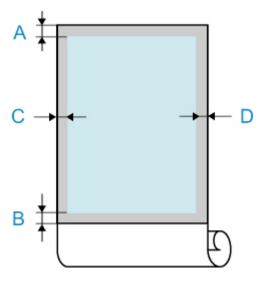
## Rolls

#### Printable Area:

A margin of 0.2 in. (3 mm) on top and bottom and 0.2 in. (3 mm) on left and right sides is required. For borderless printing, the margins on top, bottom, left, and right are 0 in. (0 mm). For paper that supports borderless printing, see Paper Information List.

#### **Recommended Print Area:**

A margin of 0.8 in. (20 mm) on top, 0.2 in. (3 mm) on bottom, and 0.2 in. (3 mm) on left and right sides is required.



A: Top Edge

- B: Bottom Edge
- C: Left Edge
- D: Right Edge

# Appendix

- Online Manual
- Symbols Used in This Document
- ► Trademarks
- Licenses

# **Online Manual**

Models used in illustrations and videos in this manual, may differ from your model.

### Screenshots in This Manual

For Windows:

The screenshots used in this manual are taken with Windows 10.

For macOS:

The screenshots used in this manual are taken with macOS Ventura 13.