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- Operating Environment
- Symbols Used in This Document
- Touch-enabled Device Users (Windows)
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- Trademarks and Licenses
-Screenshots in This Manual
Symbols Used in This Document

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

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

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

👉🏼 **Note**
Instructions including notes for operation and additional explanations.

👉🏼 **Basics**
Instructions explaining basic operations of your product.

👉🏼 **Note**
- Icons may vary depending on your product.
Touch-enabled Device Users (Windows)

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

- Printing Photos from a Computer
- Printing Photos from a Smartphone/Tablet
- Copying
- Printing Photos from Memory Card
- Printing a Disc Label from a Computer
- Copying a Disc Label
Printing Photos from a Computer

This section describes how to print photos with Easy-PhotoPrint Editor.

1. Open rear tray cover (A). Pull straight up and fold back paper support (B).

2. Open the feed slot cover (C).

3. Slide right paper guide (D) to open both paper guides.

4. Load photo paper in portrait orientation WITH PRINT SIDE FACING UP.
5. Slide right paper guide (D) to align with both sides of paper stack.

6. Close feed slot cover (C) gently.

After closing the feed slot cover, the paper setting confirmation screen for the rear tray appears on the touch screen.
7. If page size and media type on touch screen match size and type of paper loaded in rear tray, select **Yes**.
If not, select **Change** to change the settings in accordance with the size and type of the loaded paper.

8. Open operation panel (E), and then pull out paper output tray (F) and paper output support (G).
Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.

9. Start Easy-PhotoPrint Editor.

   **For Windows:**
The procedure below is for a computer running the Windows 10 operating system.
From the **Start** menu, select  (**All apps**) Canon Utilities > Easy-PhotoPrint Editor.

   **For macOS:**
From the **Go** menu in **Finder**, select **Application** and double-click the Canon Utilities folder, the Easy-PhotoPrint Editor folder, and then the Easy-PhotoPrint Editor icon.

10. Click **Photos** icon (H).
11. Click **Browse** (I) in **From computer:** and select folder with photos you want to print.

12. Click photos (J) you want to print and select **Open** (K).

   **For Windows:**
   To select two or more photos at a time, click photos while pressing the Ctrl key.

   **For macOS:**
   To select two or more photos at a time, click photos while pressing the command key.

13. Specify number of copies and other options under **Print Settings** (L).
For Windows:
Specify the number of copies, your model name, the paper size, and other options.

For macOS:
Specify the number of copies, the paper size, and other options.

**Note**
- Selecting **Same No. of each photo** enables you to specify the number of copies for all photos with a single setting.
- Selecting **Same No. of each photo** disables the number-of-copies setting specified for each photo. When unchecked, the previous settings for each copy are re-enabled.


For Windows:
Click **Print** (M).

For macOS:
Click **Next**. When the Print dialog appears, specify your model name, paper, and other options, and then click **Print**.

**Note**
- Easy-PhotoPrint Editor lets you easily create and print original collages, cards, or calendars using your favorite photos.
  - Easy-PhotoPrint Editor Guide
Printing Photos from a Smartphone/Tablet

This section describes how to print photos with Canon PRINT Inkjet/SELPHY.
For details on how to download Canon PRINT Inkjet/SELPHY, see below.

Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY

1. Open rear tray cover (A). Pull straight up and fold back paper support (B).

2. Open the feed slot cover (C).

3. Slide right paper guide (D) to open both paper guides.

4. Load photo paper in portrait orientation WITH PRINT SIDE FACING UP.
5. Slide right paper guide (D) to align with both sides of paper stack.

6. Close feed slot cover (C) gently.

After closing the feed slot cover, the paper setting confirmation screen for the rear tray appears on the touch screen.
7. If page size and media type on touch screen match size and type of paper loaded in rear tray, select **Yes**.
   If not, select **Change** to change the settings in accordance with the size and type of the loaded paper.

8. Open operation panel (E), and then pull out paper output tray (F) and paper output support (G).
   Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.

9. Start **Canon PRINT Inkjet/SELPHY** from your smartphone/tablet.

10. Select **Photo Print** on Canon PRINT Inkjet/SELPHY.
    The list of photos saved on your smartphone/tablet is displayed.

11. Select a photo.
    You can also select multiple photos at once.

12. Specify the number of copies, paper size, etc.
13. Select **Print**.
This section describes how to load originals and copy them to plain paper loaded in the cassette.

1. Pull out the cassette (A) from the printer.

2. Slide paper guides (B) in front and (C) on right to open guides.

3. Load plain paper in portrait orientation WITH PRINT SIDE FACING DOWN.

4. Align paper guides (B) in front and (C) on right with paper length and width.
5. Insert cassette into printer.

After inserting the cassette into the printer, the paper setting confirmation screen for the cassette appears on the touch screen.

6. If page size on touch screen matches size of paper loaded in cassette, select Yes.

If not, select Change to change the setting in accordance with the size of the loaded paper.
7. Open operation panel (D), and then pull out paper output tray (E) and paper output support (F).

Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.

8. Select **Copy** (G) on HOME screen.

9. Select **Standard copy**.

10. Open document cover (H).

11. Load original WITH SIDE TO COPY FACING DOWN and align it with alignment mark (I).
12. Close the document cover.

13. Check paper settings and tap **Black (J)** or **Color (K)**.
### Important

- Do not open the document cover until copying is complete.

### Note

- Your printer is equipped with many other convenient copy features.
  
  ➔ [Copying]
Printing Photos from Memory Card

This section describes how to print photos on a memory card.

1. Open rear tray cover (A). Pull straight up and fold back paper support (B).

2. Open the feed slot cover (C).

3. Slide right paper guide (D) to open both paper guides.

4. Load photo paper in portrait orientation WITH PRINT SIDE FACING UP.
5. Slide right paper guide (D) to align with both sides of paper stack.

6. Close feed slot cover (C) gently.

After closing the feed slot cover, the paper setting confirmation screen for the rear tray appears on the touch screen.
7. If page size and media type on touch screen match size and type of paper loaded in rear tray, select **Yes**.

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

8. Open operation panel (E), and then pull out paper output tray (F) and paper output support (G).

Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.

9. Insert the memory card.

* The figure below shows the SD/SDHC/SDXC memory card as an example.
10. Flick right and left through the photos (H) and select one.

11. Check paper settings and tap **Color** (I).

**Important**

- Do not remove the memory card during printing. Data on the memory card may be damaged.

**Note**

- Your printer is equipped with many other convenient photo print features.

  ➤ **Printing Photo Data**

**Note**

- For details on inserting memory cards other than SD/SDHC/SDXC, see below.

  ➤ **Inserting the Memory Card**
Printing a Disc Label from a Computer

This section describes how to print photos on a printable disc with Easy-PhotoPrint Editor.

**Important**

- Do not mount the multi-purpose tray until the message prompting you to load the printable disc appears. Doing so can damage the printer.

1. Start Easy-PhotoPrint Editor.
   
   **For Windows:**
   The procedure below is for a computer running the Windows 10 operating system.
   From the **Start menu**, select (All apps >) **Canon Utilities > Easy-PhotoPrint Editor**.

   **For macOS:**
   From the **Go menu in Finder**, select **Application** and double-click the **Canon Utilities** folder, the **Easy-PhotoPrint Editor** folder, and then the **Easy-PhotoPrint Editor** icon.

2. Click **Disc Labels** icon (A).

3. Select template (B).

4. Select type of printable disc (C) and select **Next** (D).
5. Click **Browse** (E) in **From computer**: and select folder with photos you want to print.

6. Click photos (F) you want to print and select **Open** (G).

7. Edit disc label and select **Next** (H).

   You can change the background or add texts.

⇒ Easy-PhotoPrint Editor Guide
8. Open operation panel (I) until horizontal.

9. Specify number of copies and other options under **Print Settings** (J).

   **For Windows:**
   Specify the number of copies, your printer name, and other options.

   **For macOS:**
   Specify the number of copies and other options.

10. Start printing.

    **For Windows:**
    Click **Print** (K).

    **For macOS:**
    Click **Next**. When the Print dialog appears, specify your model name and other options, and then click **Print**.
11. When message prompting you to load printable disc appears on printer’s touch screen, remove cassette from printer and then detach multi-purpose tray from back of cassette. Insert the removed cassette back into the printer.
12. Open multi-purpose tray guide (L) and completely press it down.

13. Place printable disc on multi-purpose tray.

1. WITH PRINT SIDE FACING UP, place printable disc, and press it against lock (M) at bottom.

2. While pressing down lock with printable disc, insert top of printable disc into slits (N).

15. Insert multi-purpose tray straight in in horizontal direction until arrow (▼) on multi-purpose tray guide is approximately aligned with arrow (▼) on multi-purpose tray.

16. Select **OK** on printer's touch screen.

   The multi-purpose tray is drawn into the printer and printing will start.

17. After printing is complete, pull multi-purpose tray from printer to remove it.
18. While pressing down lock (M), take out printable disc from slits (N) on multi-purpose tray, and remove it.

**Note**

- Easy-PhotoPrint Editor enables you to print photos onto the disc label with various layouts.
  
  ➤ Easy-PhotoPrint Editor Guide
Copying a Disc Label

This section describes how to copy the label of an existing disc (BD/DVD/CD, etc.) and print it onto a printable disc.

1. Select **Copy** (A) on the HOME screen.

2. Select **Disc label** (B).

3. Check message and select **OK**.

4. Specify the print area of the printable disc as necessary.
   Select **Outer circle** or **Inner circle** (C), specify the print area, then select **OK** (D).
5. Specify the amount of ink (E).

If the print result is blurry, select **Bleed-proof**. Blurring may be reduced by printing with less ink.

6. Open the document cover (F).

7. Load copy source (BD/DVD/CD, etc.) WITH ITS LABEL SIDE DOWN on platen.

8. Close the document cover.

9. Select **OK** on the touch screen.

10. Open operation panel (G) until horizontal.
11. Tap **Black** (H) or **Color** (I).

A message prompting you to load the printable disc is displayed.

12. Remove cassette from printer and then detach multi-purpose tray from back of cassette.

Insert the removed cassette back into the printer.
13. Open multi-purpose tray guide (J) and completely press it down.

14. Place printable disc on multi-purpose tray.

1. WITH PRINT SIDE FACING UP, place printable disc, and press it against lock (K) at bottom.

2. While pressing down lock with printable disc, insert top of printable disc into slits (L).
15. Place multi-purpose tray on multi-purpose tray guide.

16. Insert multi-purpose tray straight in in horizontal direction until arrow (↑) on multi-purpose tray guide is approximately aligned with arrow (↕) on multi-purpose tray.

17. Select OK on the touch screen.

The multi-purpose tray is drawn into the printer and copying will start.

**Important**

- Do not open the document cover until copying is complete.

18. After copying is complete, pull multi-purpose tray from printer to remove it.
19. While pressing down lock (K), take out printable disc from slits (L) on multi-purpose tray, and remove it.

Note
• Your printer is equipped with many other disc label print features.
  ➤ Disc Label Printing
## Network

### Available Connection Methods

The following connection methods are available on the printer.

- **Wireless Connection**
  
  Connect the printer and devices (e.g. computer/smartphone/tablet) using a wireless router.

  If you have a wireless router, we recommend you use one for wireless connection.

  - Connection methods vary depending on the wireless router type.
  - You can change network settings such as the network name (SSID) and security protocol on the printer.
  - When the connection between a device and a wireless router is completed and the Wi-Fi icon is displayed in the device's screen, you can connect the device to the printer using the wireless router.

- **Wireless Direct**
  
  Connect the printer and devices (e.g. computer/smartphone/tablet) without using a wireless router.

  - While you are using the printer with Wireless Direct, Internet connection from the printer becomes unavailable. In that case, web services for the printer cannot be used.
  - 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.
  - In the Wireless Direct, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear. If an error appears, disconnect a device you do not use and configure settings again.
  - Network settings such as the network name (SSID) and security protocol are specified automatically.

- **Wired Connection**
  
  Connect the printer and hub/router using a LAN cable. Prepare a LAN cable.
Note

- You can connect the printer and computer using a USB cable (USB connection). Prepare a USB cable. For details, see Connects to Another Computer via LAN/Changes from USB to LAN Connection.

Network Connection Settings/Setup

Perform connection setup for the printer and computer/smartphone/tablet.

For more on setup procedure, click here.

Changing Network Settings

See below for changing connection settings for the printer and computer/smartphone/tablet.

- To change network connection method:
  - Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
  - Changing the Connection Mode
- To add computer/smartphone/tablet to the printer:
  - Connects to Another Computer via LAN/Changes from USB to LAN Connection
- To use Wireless Direct temporarily:
  - Printing/Scanning with Wireless Direct

IJ Network Device Setup Utility

IJ Network Device Setup Utility checks or diagnoses the settings of the printer and those of computer and restores the status of them if anything is wrong with network connection. Select either link below to download IJ Network Device Setup Utility.

- Checking Printer Connection Status Using IJ Network Device Setup Utility
- Performing/Changing Network Settings (Windows)
  - For Windows, you can perform network settings using IJ Network Device Setup Utility.
    - IJ Network Device Setup Utility (Windows)
- Diagnosing and Repairing Network Settings (Windows/macOS)
  - You can diagnose or repair network settings using IJ Network Device Setup Utility.
    - For Windows:
      - IJ Network Device Setup Utility (Windows)
    - For macOS:
      - IJ Network Device Setup Utility (macOS)

Network Connection Tips

See below for tips on using the printer via network connection.

- Network Connection Tips
- Handling Printer Configuration using the Web Browser

Troubleshooting

See Network Settings and Common Problems for troubleshooting on network connection.
Notice/Restriction

See below for details.

- Restrictions on network settings:
  ➤ Restrictions

- Notices when printing using web service:
  ➤ Notice for Web Service Printing
Restrictions

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

If you connect using a different connection method, the connection to the device in use will be disabled. Connection Using a Wired Network cannot be performed on printers that do not support a wired connection.

Connect via wireless router

- You cannot establish a printer with wireless and wired connections at the same time.
- Make sure your device and the wireless router are connected. For details on checking these settings, see the manual supplied with the wireless router or contact its manufacturer.

As for a device already connected to the printer without using a wireless router, reconnect it via a wireless router.

- Configuration, router functions, setup procedures and security settings of wireless routers vary depending on the system environment. For details, see the manual for your wireless router or contact its manufacturer.
- This printer does not support IEEE802.11ac. IEEE802.11a and IEEE802.11n (5 GHz) may not be supported depending on the country or region you live in. Check if your device supports IEEE802.11n, IEEE802.11g, IEEE802.11b or IEEE802.11a.
- If your device is set to the "IEEE802.11n only" mode, WEP or TKIP cannot be used as a security protocol. Change the security protocol for your device to something other than WEP and TKIP or change the setting to something other than "IEEE802.11n only."

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

- For office use, consult your network administrator.
- Note that if you connect to a network with no security protection, your personal information could be disclosed to a third party.

Wireless Direct

Important

- If a device is connected to the Internet via a wireless router, and you then connect it to a printer in Wireless Direct mode, the existing connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. When you connect to the Internet using a mobile data connection, charges may apply depending on your contract.

  - When you connect a device and the printer using Wireless Direct, the connection information will be saved to Wi-Fi settings. The device may be connected to the printer automatically even after disconnecting it or connecting it to another wireless router.
  - To prevent automatic connection to the printer in Wireless Direct mode, change the connection mode after using the printer, or set not to connect automatically in the Wi-Fi settings of the device.

For details on checking or changing the wireless router settings, see the wireless router manual or contact its manufacturer.
• If you connect a device and the printer using Wireless Direct, Internet connection may become unavailable depending on your environment. In that case, web services for the printer cannot be used.
• In Wireless Direct mode, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear. If an error appears, disconnect a device that does not use the printer, then configure settings again.
• Devices connected to the printer using Wireless Direct cannot communicate with each other.
• Firmware updates for the printer are not available while using Wireless Direct.
• When a device has been connected to the printer without using a wireless router and you want to set it up again using the same connection method, disconnect it first. Disable the connection between the device and printer in the Wi-Fi setting screen.

Connection Using a Wired Network

• You cannot establish a printer with wireless and wired connections at the same time.
• When using a router, connect the printer and a device to the LAN side (same network segment).
Network Connection Tips

- Default Network Settings
- Detect Same Printer Name
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
## Default Network Settings

### LAN Connection Defaults

<table>
<thead>
<tr>
<th>Item</th>
<th>Default</th>
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</thead>
<tbody>
<tr>
<td>Enable/Disable LAN</td>
<td>Disable LAN</td>
</tr>
<tr>
<td>Network name (SSID)</td>
<td>BJNPSETUP</td>
</tr>
<tr>
<td>Wi-Fi security</td>
<td>Disable</td>
</tr>
<tr>
<td>IP address (IPv4)</td>
<td>Auto setup</td>
</tr>
<tr>
<td>IP address (IPv6)</td>
<td>Auto setup</td>
</tr>
<tr>
<td>Set printer name*</td>
<td>XXXXXXXXXXXXXX</td>
</tr>
<tr>
<td>Enable/disable IPv6</td>
<td>Enable</td>
</tr>
<tr>
<td>Enable/disable WSD</td>
<td>Enable</td>
</tr>
<tr>
<td>Timeout setting</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Enable/disable Bonjour</td>
<td>Enable</td>
</tr>
<tr>
<td>Service name</td>
<td>Canon TS9500 series</td>
</tr>
<tr>
<td>LPR protocol setting</td>
<td>Enable</td>
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<td>Enable</td>
</tr>
<tr>
<td>LLMNR</td>
<td>Enable</td>
</tr>
<tr>
<td>PictBridge communication</td>
<td>Enable</td>
</tr>
<tr>
<td>Wired LAN DRX setting</td>
<td>Enable</td>
</tr>
</tbody>
</table>

(*XX* represents alphanumeric characters.)

* Default value depends on printer. To check value, use operation panel.

⇒ LAN settings

### Wireless Direct Defaults

<table>
<thead>
<tr>
<th>Item</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network (SSID)/device name</td>
<td>DIRECT-abXX-TS9500series *1</td>
</tr>
<tr>
<td>Password</td>
<td>YYYYYYYYYYYY *2</td>
</tr>
<tr>
<td>Wi-Fi security</td>
<td>WPA2-PSK (AES)</td>
</tr>
<tr>
<td>Connection request confirmation</td>
<td>Displayed</td>
</tr>
</tbody>
</table>
*1 "ab" is specified at random and "XX" represents last two digits of printer's MAC address. (The value is specified when the printer is turned on for the first time.)

*2 The password is specified automatically when the printer is turned on for the first time.
Detect Same Printer Name

When the printer is detected during setup, plural printers with the same name may appear on the results screen.

Select a printer with checking the printer settings against those on detection result screen.

- For Windows:
  Check the printer's MAC address or serial to select the correct printer from the results.

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

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

Note

- Serial number may not appear on result screen.

Check the printer’s MAC address and the serial number by one of the following methods.

- Display on the touch screen.
  
  MAC address
  
  ➤ LAN settings

  Serial number
  
  ➤ System information

- Print the network settings.
  
  ➤ Printing Network Settings
Connects to Another Computer via LAN/Changes from USB to LAN Connection

- For Windows:
- For macOS:

For Windows:

To add a computer to connect to the printer on a LAN or to change from USB to LAN connection, perform setup using the Setup CD-ROM or from the web page.

For macOS:

To connect an additional computer to the printer via LAN, or to change from USB to LAN connection, perform setup from the web page.
Printing Network Settings

Use the operation panel to print the printer's current network settings.

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

1. Check that printer is turned on, and display HOME screen.
   If the HOME screen is not displayed, touch the HOME button.

2. **Load three sheets of A4 or Letter-sized plain paper.**

3. Select **(Setup) icon on HOME screen.**

4. Select **Device settings.**

5. Select **LAN settings.**

6. Select **Print details.**

7. Check message and select **Yes.**

8. Check message and select **ON** or **OFF.**
   The printer starts printing the network setting information.

The following information on the printer's network setting is printed out. (Some setting values are not displayed depending on the printer settings.)

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Item</th>
<th>Description</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
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<td>1</td>
<td>Product Information</td>
<td>Product information</td>
<td>–</td>
</tr>
<tr>
<td>1-1</td>
<td>Product Name</td>
<td>Product name</td>
<td>XXXXXXXX</td>
</tr>
<tr>
<td>1-2</td>
<td>ROM Version</td>
<td>ROM version</td>
<td>XXXXXXXX</td>
</tr>
<tr>
<td>1-3</td>
<td>Serial Number</td>
<td>Serial number</td>
<td>XXXXXXXX</td>
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<td>Network diagnostics</td>
<td>–</td>
</tr>
<tr>
<td>2-1</td>
<td>Diagnostic Result</td>
<td>Diagnostic result</td>
<td>XXXXXXXX</td>
</tr>
<tr>
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<td>Result codes</td>
<td>XXXXXXXX</td>
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<tr>
<td>2-3</td>
<td>Result Code Details</td>
<td>Result code details</td>
<td><a href="http://canon.com/ijnwt">http://canon.com/ijnwt</a></td>
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<tr>
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<td>Wireless LAN</td>
<td>Enable/Disable</td>
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</tr>
<tr>
<td>3-2-1</td>
<td>Signal Strength</td>
<td>Signal strength</td>
<td>0 to 100 [%]</td>
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<tr>
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<td>Link quality</td>
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<td>3-2-5</td>
<td>Connection</td>
<td>Connection status</td>
<td>Active/Inactive</td>
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<tr>
<td>3-2-6</td>
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<td>SSID</td>
<td>Wireless LAN network name (SSID)</td>
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<td>Channel</td>
<td>XX (1 to 13)</td>
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<td>3-2-8</td>
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<td>Encryption method</td>
<td>None/WEP/TKIP/AES</td>
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<td>Authentication</td>
<td>Authentication method</td>
<td>None/auto/open/shared/WPA-PSK/WPA2-PSK</td>
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<td>TCP/IPv4</td>
<td>Enable</td>
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<td>3-2-12</td>
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<td>IP address</td>
<td>XXX.XXX.XXX.XXX</td>
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<td>Subnet Mask</td>
<td>Subnet mask</td>
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<td>3-2-14</td>
<td>Default Gateway</td>
<td>Default gateway</td>
<td>XXX.XXX.XXX.XXX</td>
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<td>TCP/IPv6</td>
<td>Enable/Disable</td>
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| 3-2-16 | Link Local Address | Link local address | XXXX:XXXX:XXXX:XXXXX  
 XXXX:XXXX:XXXX:XXXX |
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 XXXX:XXXX:XXXX:XXXXX |
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<td>XXX</td>
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<td>Stateless Prefix Length4</td>
<td>XXX</td>
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<tr>
<td>3-2-26</td>
<td>Default Gateway1</td>
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</tr>
<tr>
<td>3-2-27</td>
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<td>XXX:XXXX:XXXX:XXXX</td>
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<td>3-2-28</td>
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<td>ESP/ESP &amp; AH/AH</td>
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<td>Password</td>
<td>Wireless Direct password (10 alphanumeric characters)</td>
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<td>3-3-5</td>
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<td>3</td>
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<tr>
<td>3-3-6</td>
<td>Encryption</td>
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<td>3-3-8</td>
<td>TCP/IPv4</td>
<td>Enable</td>
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<td>3-3-9</td>
<td>IP Address</td>
<td>XXX:XXXX:XXXX:XXXX</td>
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<tr>
<td>3-3-10</td>
<td>Subnet Mask</td>
<td>XXX:XXXX:XXXX:XXXX</td>
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<td>3-3-11</td>
<td>Default Gateway</td>
<td>XXX:XXXX:XXXX:XXXX</td>
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<td>TCP/IPv6</td>
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<td>3-3-13</td>
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<td>XXX:XXXX:XXXX:XXXX</td>
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<td>3-3-14</td>
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<tr>
<td>4-4</td>
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<tr>
<td>4-5</td>
<td>Subnet Mask</td>
<td>Subnet mask</td>
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<td>Default Gateway</td>
<td>Default gateway</td>
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<td>4-7</td>
<td>TCP/IPv6</td>
<td>TCP/IPv6</td>
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<tr>
<td>4-8</td>
<td>Link Local Address</td>
<td>Link local address</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-9</td>
<td>Link Local Prefix Length</td>
<td>Link local prefix length</td>
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<tr>
<td>4-10</td>
<td>Stateless Address1</td>
<td>Stateless address 1</td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-11</td>
<td>Stateless Prefix Length1</td>
<td>Stateless prefix length 1</td>
</tr>
<tr>
<td>4-12</td>
<td>Stateless Address2</td>
<td>Stateless address 2</td>
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<td>4-13</td>
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<td>Stateless prefix length 2</td>
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<td>4-15</td>
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<td>Stateless prefix length 3</td>
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<tr>
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("XX" represents alphanumeric characters.)
Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

Follow either procedure below to change LAN connection method (wired or Wi-Fi).

- **For Windows:**
  - Redo setup using the Setup CD-ROM or from the web page.
  - Select the (Setup) icon on HOME screen, select Device settings -> LAN settings and then select Wi-Fi -> Settings -> Enable/disable Wi-Fi -> Enable to enable Wi-Fi, or select Device settings -> LAN settings and then select Wired LAN -> Settings -> Enable/disable Wired LAN -> Enable to enable wired LAN.

  After that, perform settings on the Network Settings screen on IJ Network Device Setup Utility. For details, refer to Performing/Changing Wi-Fi Settings or Performing/Changing Wired LAN Connection (Ethernet Cable) Settings.

- **For macOS:**
  - Redo setup from the web page.

Reconfiguration Method of Wi-Fi Connection

Follow either procedure below to change Wi-Fi connection method (infrastructure or Wireless Direct).

- **For Windows:**
  - Redo setup using the Setup CD-ROM or from the web page.
  - Perform settings on the Network Settings screen on IJ Network Device Setup Utility.

  **Important**

  - Before you perform settings using IJ Network Device Setup Utility, turn on Easy wireless connect mode on the printer following the procedure below.

  1. **Check that printer is turned on.**
  2. Select (Wireless connect).

     ➤ Using the Operation Panel

  3. Select Yes on the displayed screen.

     Follow instructions on your smartphone or tablet.
4. If message saying setup is completed appears, select OK.

- For macOS:
  
  Redo setup from the web page.
IJ Network Device Setup Utility (Windows)

- IJ Network Device Setup Utility
- Starting Up IJ Network Device Setup Utility
- Diagnosing and Repairing Network Settings
- Performing/Changing Network Settings
- List of Models Which Does Not Support Diagnosis and Repair Function
IJ Network Device Setup Utility

IJ Network Device Setup Utility allows you to diagnose or repair the network status, and to perform printer settings on network.

Use IJ Network Device Setup Utility for:

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

Important

• Depending on the printer you are using, an administrator password is already specified for the printer at the time of purchase. When you change the network settings, authentication by the administrator password is required.
  For details:
  ➡ Administrator Password
  For improving security, we recommend to change the administrator password.
  ➡ Change Administrator Password
• To use the printer over LAN, make sure you have the equipment necessary for the connection type, such as a wireless router or a LAN cable.
• When you install IJ Network Device Setup Utility, disable block function of firewall.
• Do not change network settings using IJ Network Device Setup Utility while printing is in progress.
Starting Up IJ Network Device Setup Utility

Start up IJ Network Device Setup Utility as shown below.

- In Windows 10, select Start > (All apps > ) > Canon Utilities > IJ Network Device Setup Utility.
- In Windows 8.1 or Windows 8, select IJ Network Device Setup Utility on the Start screen to start IJ Network Device Setup Utility. If IJ Network Device Setup Utility is not displayed on the Start screen, select the Search charm and search for "IJ Network Device Setup Utility".
- In Windows 7 or Windows Vista, click Start and select All Programs, Canon Utilities, IJ Network Device Setup Utility, and then IJ Network Device Setup Utility.

When you start up IJ Network Device Setup Utility, a message appears. Check the message and select Yes. The screen below appears.

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

- If you select Diagnose and Repair:
  
  ➞ Diagnosing and Repairing Network Settings

- If you select Printer Network Setup:
  
  ➞ Performing/Changing Network Settings
Diagnosing and Repairing Network Settings

IJ Network Device Setup Utility diagnoses and repairs computer settings or connection between the computer and printer when a problem (e.g. cannot print from a printer on the network) occurs.

Important

- Some models do not support diagnosis and repair function.

For details:

- List of Models Which Does Not Support Diagnosis and Repair Function

Follow the procedure below.

1. Start up IJ Network Device Setup Utility.

2. Check the displayed message and select Yes.

3. Select Diagnose and Repair on the displayed screen.

Perform operations following the instructions on the screen.

Note

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

- Canon IJ Network Device Setup Utility Screen
- Performing Network Settings
The screen below appears when you start up IJ Network Device Setup Utility and select Printer Network Setup. Detected printers are listed on the screen and the items below are shown.

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

- Appears when the printer requires setup or has not been configured.
- Appears when the IP address is duplicated to another printer.
- Appears when you cannot communicate with the printer.

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

B: Serial Number (Last 5 Digits)
Displays the last five digits of printer's serial number.

C: Status
Displays the printer status as shown below.

- Available
  Indicates the printer is available.
- Setup Completed

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

- **Requires Setup**
  Indicates the printer is required to perform Wi-Fi setup.
  ➦ **Performing/Changing Wi-Fi Settings**

- **Not Set**
  Indicates the printer cannot be used on network, or IPv6 is disabled. Specify an IP address or enable IPv6 on **Network Settings**....
  ➦ **Performing/Changing Wi-Fi Settings**

- **IP Address Overlap**
  Indicates the IP address is duplicated to another printer.

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

  ➤ **Note**
  • If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.

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

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

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

  ➤ **Note**
  • If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.
  ➦ **Assigning Printer Information**

**F: Connection Method**
Displays printer connection method (wired LAN, Wi-Fi, or USB).

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

**G: Setting Method**
Displays printer setting method.

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

- **Manual**

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

---

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

H: MAC Address
Displays the MAC address of the detected printer.

---

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

I: Device Name
Displays the printer device name if it is registered.

---

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

[Assigning Printer Information](#)

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

---

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

K: Displays the printer status and operation guides.
Selecting a printer from the printer list displays its current status and what to do next.

---

**Menus on Canon IJ Network Device Setup Utility Screen**

This section describes menus on Canon IJ Network Device Setup Utility screen.

---

A: Printer Settings menu
- Printer Settings Menu

B: View menu
- View Menu

C: Option menu
- Option Menu

---

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D: Help menu

Help Menu

Items on Canon IJ Network Device Setup Utility Screen Toolbar

This section describes items on Canon IJ Network Device Setup Utility Screen toolbar.

A: Perform wired or Wi-Fi setup.

Note

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

B: Redetects printers.

Note

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

C: Stops detecting printers.

Note

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

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

Note

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

E: Displays this guide.

Note

- This item has the same function as Online Manual in the Help menu.
Performing Network Settings

- Performing/Changing Wired LAN Connection (Ethernet Cable) Settings
- Performing/Changing Wi-Fi Settings
- Assigning Printer Information
Performing/Changing Wired LAN Connection (Ethernet Cable) Settings

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

**Note**

- For some models, you can perform network setup for a USB connected printer using IJ Network Device Setup Utility. Select **USB** on **Switch View** under the **View** menu to display printers for which you can perform setup.

1. **Start up IJ Network Device Setup Utility.**

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

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

   Detected printers are listed.

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

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

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

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

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

   The **Confirm Printer Password** screen appears.

   For more on the password, refer to Administrator Password.

   **Note**

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

   ![Confirmation Screen]

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

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

   The **Network Settings** screen appears.
7. Perform/change settings.

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

- **IPv4 settings**

  ![IPv4 settings diagram]

  **A: Use IPv4 address**
  
  Always selected. (displayed in a gray out state)

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

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

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

- **IPv6 settings**

  ![IPv6 settings diagram]

  **Note**

  - If **USB** is selected from the pulldown menu on the toolbar, you cannot perform IPv6 settings.
A: Use IPv6 address
Select when you use the printer with IPv6 environment.

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

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

C: Use Manual Address:
Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.
Enter the IP address and IP address prefix length.

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

D: Use DHCPv6:
Select when you obtain an IP address using DHCPv6.

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

8. Click Set.
Performing/Changing Wi-Fi Settings

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

**Important**

- Enable Easy wireless connect (Cableless setup) before performing printer setup. (Not required if you change the IP address.) For details, search for "NR049" on your printer's online manual and see the page shown.
- If you use a printer over the Wi-Fi, we highly recommend you perform security settings for Wi-Fi network using WPA/WPA2 from the viewpoint of security.

**Note**

- For some models, you can perform network setup for a USB connected printer using IJ Network Device Setup Utility. Select **USB** on **Switch View** under the **View** menu to display printers.

1. **Start up IJ Network Device Setup Utility.**

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

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

   Detected printers are listed.

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

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

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

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

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

   The **Confirm Printer Password** screen appears.

   For more on the password, refer to Administrator Password.

**Note**

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

The Network Settings screen appears.

7. Perform/change settings.

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

- IPv4/IPv6 settings

![Network Settings Screen]

A: Network Type:
Select the Wi-Fi mode.

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

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

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

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

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

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

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

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

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

D: Encryption Type:

Displays the encryption method used over the Wi-Fi.

- **IPv4 settings**

  ![IPv4 Settings Diagram]

  **A: Use IPv4 address**
  
  Always selected. (displayed in a gray out state)

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

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

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

**Note**

- The setting items below are available only when **Infrastructure** is selected for **Network Type**.
  
  If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.
• IPv6 settings

**Note**

- If USB is selected from the pulldown menu on the toolbar, you cannot perform IPv6 settings.
- The setting items below are available only when **Infrastructure** is selected for **Network Type**:

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

A: **Use IPv6 address**  
Select when you use the printer with IPv6 environment.

B: **Use Stateless Address**:
Select when you use an IP address assigned automatically. Use a router compatible with IPv6.

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

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

Enter the IP address and IP address prefix length.

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

D: **Use DHCPv6**:
Select when you obtain an IP address using DHCPv6.
**Note**

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

8. Click **Set**.
Assigning Printer Information

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

The names appear on Device Name: and Location: on the Canon IJ Network Device Setup Utility screen.

Note

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

1. **Start up IJ Network Device Setup Utility.**

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

3. Select **Printer Network Setup** on the displayed screen.
   
   Detected printers are listed.

4. Select printer to assign location name and device name.
   
   Select the printer with **Available** displayed on **Status**.

5. Select **Detailed Printer Settings...** on **Printer Settings** menu.
   
   The **Confirm Printer Password** screen appears.
   
   For more on the password, refer to **Administrator Password**.

6. Enter password and click **OK**.
   
   The **Detailed Printer Settings** screen appears.

7. Perform/change settings.

   ![Detailed Printer Settings](image)

   The setting items below are available.

   **A: Device Name:**
   
   Assigns the device name.

   **B: Location:**
   
   Assigns the location name.

8. Click **Set**.
List of Models Which Does Not Support Diagnosis and Repair Function

The following models does not support "Diagnose and Repair" function of IJ Network Device Setup Utility.

- G4000 series
- PRO-500 series
- PRO-1000 series
- MB2100 series
- MB2700 series
- MB5100 series
- MB5400 series
- iB4000 series
- PRO-520
- PRO-540
- PRO-540S
- PRO-560
- PRO-560S
- PRO-2000
- PRO-4000
- PRO-4000S
- PRO-6000
- PRO-6000S
- TS9000 series
- TS8000 series
- TS6000 series
- TS5000 series
- MG3000 series
- E470 series
Handling Paper, Originals, Ink Tanks, Multi-purpose Tray, Memory Card, etc.

- Loading Paper
- Placing Multi-purpose Tray
- Loading Originals
- Inserting the Memory Card
- Replacing Ink Tanks
Loading Paper

- Paper Sources
- Loading Paper in the Rear Tray
- Loading Paper in the Cassette
- Loading Envelopes in Rear Tray
Paper Sources

The printer has two paper sources for feeding paper, the rear tray (A) and cassette (B).

You can load all supported paper on the rear tray.

➡️ Supported Media Types

You can load A4, B5, A5, or Letter-sized plain paper in the cassette.

➡️ Note

• When printing, select the correct page size and media type. If you select the wrong page size or media type, the printer may feed paper from the wrong paper source or may not print with the proper print quality.

For details on how to load paper in each paper source, see below.

➡️ Loading Paper in the Rear Tray
➡️ Loading Paper in the Cassette
➡️ Loading Envelopes in Rear Tray
Loading Paper in the Rear Tray

You can load plain paper or photo paper.
You can also load envelopes on the rear tray.

Loading Envelopes in Rear Tray

Important

• If you cut plain paper to a size of 5” x 7” (13 x 18 cm) or smaller to perform a trial print, it may cause a paper jam.

Note

• We recommend Canon genuine photo paper for printing photos.
  For details on the Canon genuine paper, see Supported Media Types.
• You can use general copy paper or Canon Red Label Superior WOP111/Canon Océ Office Colour Paper SAT213.
  For the page size and paper weight you can use for this printer, see Supported Media Types.

1. Prepare paper.

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

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

Note

• Align the edges of paper neatly before loading. Loading paper without aligning the edges may cause paper jams.
• If paper is curled, hold the curled corners and gently bend them in the opposite direction until the paper becomes completely flat.
  For details on how to flatten curled paper, see Check3 in Paper Is Smudged / Printed Surface Is Scratched.
• When using Photo Paper Plus Semi-gloss SG-201, even if the sheet is curled, load one sheet at a time as it is. If you roll up this paper to flatten, this may cause cracks on the surface of the paper and reduce the print quality.

2. Open rear tray cover (A). Pull straight up and fold back paper support (B).
3. Open the feed slot cover (C).

4. Slide right paper guide (D) to open both paper guides.

5. Load paper stack in portrait orientation WITH PRINT SIDE FACING UP.
6. Slide right paper guide (D) to align with both sides of paper stack.

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

---

**Important**

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

---

**Note**

- Do not load sheets of paper higher than the load limit mark (G).

---

7. Close feed slot cover (C) gently.
Important

• If the feed slot cover is open, paper cannot be fed. Be sure to close the feed slot cover.

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

8. If page size and media type on touch screen match size and type of paper loaded in rear tray, select Yes.
If not, select Change to change the settings in accordance with the size and type of the loaded paper.

9. Open operation panel (H), and then pull out paper output tray (I) and paper output support (J).
Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.
Note

- There are various types of paper, such as paper with a special surface coating for printing photos at optimal quality and paper suitable for documents. Each media type has specific preset settings (how ink is used and sprayed, distance from nozzles, etc.), that allow you to print to that type with optimal image quality. The wrong paper settings may cause poor printout color quality or scratches on the printed surface. If you notice blurring or uneven colors, increase the print quality setting and try printing again.

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

You can load A4, B5, A5, or Letter-sized plain paper in the cassette.

**Note**

- In the cassette, be sure to load only plain paper.
- You can use general copy paper or Canon Red Label Superior WOP111/Canon Océ Office Colour Paper SAT213.

For the page size and paper weight you can use for this printer, see [Supported Media Types](#).

1. Prepare paper.

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

   ![Prepare paper](image)

   **Note**

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

   For details on how to flatten curled paper, see Check 3 in [Paper Is Smudged / Printed Surface Is Scratched](#).

2. Pull out the cassette (A) from the printer.

   ![Pull out the cassette](image)

3. Slide paper guides (B) in front and (C) on right to open guides.

   ![Slide paper guides](image)
4. Load paper stack in portrait orientation WITH PRINT SIDE FACING DOWN, and place it in center of cassette.

**Important**

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

**Note**

- Align the paper stack with the edge of the cassette as shown in the figure below.
  
  If the paper stack is in contact with the protrusion (F), the paper may not be fed properly.
5. Slide front paper guide (B) to align it with paper stack.
   Align paper guide with where it clicks into place.

6. Slide right paper guide (C) to align it with paper stack.
   Do not slide the paper guide too hard against the paper. The paper may not be fed properly.

---

Note

- Do not load sheets of paper higher than the load limit mark (G).
- Keep the paper stack height below the tabs (H) of the paper guides.
7. Insert cassette into printer.

Push the cassette into the printer until it stops.

After inserting the cassette into the printer, the paper setting confirmation screen for the cassette appears on the touch screen.

8. If page size on touch screen matches size of paper loaded in cassette, select Yes.

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

9. Open operation panel (I), and then pull out paper output tray (J) and paper output support (K).
Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.

**Note**

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

You can load Envelope DL and Envelope Com 10 on the rear tray.

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

**Important**

- Printing of envelopes from the operation panel or from a PictBridge (Wi-Fi) compliant device is not supported.
- Do not use the following envelopes. They could jam in the printer or cause the printer to malfunction.
  - Envelopes with an embossed or treated surface
  - Envelopes with a double flap
  - Envelopes whose gummed flaps are already moistened and adhesive

1. Prepare envelopes.
   - Press down on all four corners and edges of the envelopes to flatten them.
   - If the envelopes are curled, hold the opposite corners and gently twist them in the opposite direction.
   - If the corner of the envelope flap is folded, flatten it.
   - Use a pen to press the leading edge in the inserting direction flat and sharpen the crease.

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

**Important**

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

2. Open rear tray cover (A). Pull straight up and fold back paper support (B).
3. Open the feed slot cover (C).

4. Slide right paper guide (D) to open both paper guides.

5. Load envelopes in portrait orientation WITH PRINT SIDE FACING UP.
   Up to 10 envelopes can be loaded at once.
   Fold flap of the envelope and load the envelope in portrait orientation with the address side facing up.

6. Slide right paper guide (D) to align with both sides of envelopes.
   Do not slide the paper guides too hard against the envelopes. The envelopes may not be fed properly.
Note

- Do not load envelopes higher than the load limit mark (E).

Important

- If the feed slot cover is open, paper cannot be fed. Be sure to close the feed slot cover.

7. Close feed slot cover (C) gently.
After closing the feed slot cover, the paper setting confirmation screen for the rear tray appears on the touch screen.

8. If page size and media type shown on touch screen match size and type of envelopes loaded in rear tray, select Yes.

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

9. Open operation panel (F), and then pull out paper output tray (G) and paper output support (H).

Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.
Note

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

- Cautions When Printing with Multi-purpose Tray
- Placing a Printable Disc
- How to Detach / Attach Multi-purpose Tray
Cautions When Printing with Multi-purpose Tray

Cautions Common to using Multi-purpose Tray

- Be sure to use the multi-purpose tray supplied with this printer.
- Do not mount the multi-purpose tray while the printer is in operation.
- Do not remove the multi-purpose tray while the printer is in operation. Doing so may damage the printer, the multi-purpose tray, or the media.
- Do not get dirt on the multi-purpose tray or scratches on the reflectors. The printer may not be able to recognize that a media is loaded, or printing may become misaligned. If the multi-purpose tray becomes dirty, wipe the reflector clean with a soft and dry cloth, taking care not to scratch it.
- After printing, allow the printing surface of the media to dry naturally. Do not use hairdryers or expose the media to direct sunlight to dry the ink. Do not touch the printing surface until the ink has dried.

Cautions When Printing onto Printable Disc

- Remove any dirt from the multi-purpose tray before placing printable discs on it. Loading discs on a dirty multi-purpose tray may scratch the recording surface of the discs.
- Do not print onto printable discs that are not compatible with inkjet printing. The ink will not dry and may cause problems with the disc itself or DVD players or other devices it is loaded into.
- Do not print onto a printable disc's recording surface. Doing so will make data recorded onto discs unreadable.
- Hold printable discs by their edges. Do not touch either the label surface (printing surface) or recording surface.
- The multi-purpose tray may become dirty if software other than Easy-PhotoPrint Editor is used.
Placing a Printable Disc

- Before Placing a Printable Disc
- Placing a Printable Disc
- Removing a Printable Disc
Before Placing a Printable Disc

A printable disc differs from regular disc (BD/DVD/CD, etc.) in that its label surface has been specially processed or printing by an inkjet printer.

The following items are needed to print onto the printable disc.

- Multi-purpose tray (supplied with the printer)

The multi-purpose tray is stored in the back of the cassette.

- 4.72 inches (12 cm) printable disc

Obtain a printable disc with a label surface compatible with inkjet printing.
Placing a Printable Disc

To print onto a printable disc, place it on the supplied multi-purpose tray, and then insert it into the printer. This procedure also applies to printing from a computer.

**Important**

- Do not mount the multi-purpose tray until the message prompting you to load the printable disc appears. Doing so can damage the printer.

**Note**

- If test printing is executed onto test printing paper, depending on the paper type, the printer may not be able to read its size correctly, preventing the border areas from being printed. Test printing paper should be used for purposes of checking the envisioned layout.

1. When message prompting you to load printable disc appears, detach multi-purpose tray from back of cassette.

   Insert the removed cassette back into the printer.
Note

• After inserting the cassette into the printer, if a message appears on the screen, select Yes.

2. Open multi-purpose tray guide (A) and completely press it down.

3. Place printable disc on multi-purpose tray.

Important

• Check that there is no dirt on the multi-purpose tray before placing a printable disc on it.
• When placing a printable disc on the multi-purpose tray, do not touch the printing surface of the disc or the reflectors (B) on the multi-purpose tray.

1. WITH PRINT SIDE FACING UP, place printable disc, and press it against lock (C) at bottom.
2. While pressing down lock with printable disc, insert top of printable disc into slits (D).

4. Place multi-purpose tray on multi-purpose tray guide.

5. Insert multi-purpose tray straight in in horizontal direction until arrow (▲) on multi-purpose tray guide is approximately aligned with arrow (▲) on multi-purpose tray.

**Important**

- Do not insert the multi-purpose tray beyond the arrow (▲) on the multi-purpose tray guide.
Note

- The multi-purpose tray may be ejected after a certain amount of time passes. In such a case, follow the on-screen instructions to place the multi-purpose tray again.
Removing a Printable Disc

1. Pull out multi-purpose tray.

2. While pressing down lock (A), take out printable disc from slits (B) on multi-purpose tray, and remove it.

   **Important**
   - Do not touch the printing surface when removing the disc from the multi-purpose tray.

   **Note**
   - Allow the printing surface to dry before removing the disc. If you see printing on the multi-purpose tray or on the transparent parts of the inner or outer diameters of the printable disc, wipe them clean after the printing surface has dried.

Important

- When the multi-purpose tray guide is open, you cannot print onto regular printing paper. Be sure to close the multi-purpose tray guide.

4. Store multi-purpose tray under cassette.

   - [How to Detach / Attach Multi-purpose Tray](#)
How to Detach / Attach Multi-purpose Tray

Detaching Multi-purpose Tray

1. Take cassette out of printer.
   Be sure to remove any paper.

2. Turn cassette over and remove multi-purpose tray.
   Slide the multi-purpose tray, take it out of the six tabs (A), and then lift it.

   ![Diagram of detaching multi-purpose tray]

   **Important**
   - Be sure to remove any orange shipping tape on the multi-purpose tray.
**Attaching Multi-purpose Tray**

1. Take cassette out of printer.
   Be sure to remove any paper.

2. Turn cassette over and attach multi-purpose tray to it.
   Turn the multi-purpose tray so that its underside faces up, align it with the six tabs (A) in the orientation shown in the figure below, and then slide to attach.

---

**Important**

- Insert the multi-purpose tray, making sure that its holes are aligned with the tabs on the back of the cassette. If the multi-purpose tray is not properly attached, it may be damaged when the cassette is inserted into the printer.
Loading Originals

- Where to Load Originals
- Loading Originals on Platen
- Loading Documents in the ADF (Auto Document Feeder)
- Loading Based on Use
- Supported Originals
Where to Load Originals

The printer has two positions to load originals: platen and ADF (Auto Document Feeder). Select the position to load the original according to the size, type, or usage.

Note

• For details on the supported originals, see below.
  ➤ Supported Originals

Loading Documents, Photos, or Book on Platen

Loading Two or More Sheets of Document of the Same Size and Thickness in the ADF

You can also load a sheet of document in the ADF.

Note

• To scan the original at optimum quality, load it on the platen.
1. Open the document cover.

2. Load original WITH SIDE TO SCAN FACING DOWN on platen.

   ➤ [Loading Based on Use]
   ➤ [Supported Originals]

3. Close the document cover gently.
Important

- After loading the original on the platen, be sure to close the document cover before starting to copy or scan.
Loading Documents in the ADF (Auto Document Feeder)

Note

- To scan a document at optimum quality, load it on the platen.

1. Make sure any original has been removed from platen.

2. Open document tray (A).

3. Slide the paper guides (B) all the way out.

4. Load document WITH SIDE TO SCAN FACING UP in document tray.
   Insert the document until it stops.

Note

- For details on the supported originals, see below.
  ➤ Supported Originals

5. Adjust document guide (B) to match width of document.
   Do not slide the document guide too hard against the document. The document may not be fed properly.
# Loading Based on Use

Load the original in the correct position according to the function to use. If you do not load the original correctly, it may not be scanned properly.

<table>
<thead>
<tr>
<th>Originals</th>
<th>Function</th>
<th>How to Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magazines, Newspapers, and Documents</td>
<td>Copying</td>
<td><img src="Note" alt="Loading the Original to Be Aligned with the alignment mark" /></td>
</tr>
<tr>
<td></td>
<td>Scanning by detecting the type and size of the original automatically</td>
<td><img src="Note" alt="Loading the Original to Be Aligned with the alignment mark" /></td>
</tr>
<tr>
<td></td>
<td>If you scan using the operation panel, select <strong>Auto scan</strong> for <strong>Doc.type</strong> in <strong>Scan</strong>.</td>
<td><img src="Note" alt="Loading the Original to Be Aligned with the alignment mark" /></td>
</tr>
<tr>
<td></td>
<td>Scanning by specifying a standard size (A4, Letter, etc.)</td>
<td><img src="Note" alt="Loading the Original to Be Aligned with the alignment mark" /></td>
</tr>
<tr>
<td></td>
<td>If you scan using the operation panel, select <strong>Document or Photo</strong> for <strong>Doc.type</strong> in <strong>Scan</strong> and specify a standard size (A4, Letter, etc.) for <strong>Scan size</strong> to scan originals.</td>
<td><img src="Note" alt="Loading the Original to Be Aligned with the alignment mark" /></td>
</tr>
<tr>
<td>Photos, Postcards, Business Cards, and Disc (BD/DVD/CD)</td>
<td>Scanning only one original</td>
<td><img src="Note" alt="Loading Only One Original in Center of Platen" /></td>
</tr>
<tr>
<td></td>
<td>If you scan using the operation panel, follow the operation below.</td>
<td><img src="Note" alt="Loading Only One Original in Center of Platen" /></td>
</tr>
<tr>
<td></td>
<td>• Select <strong>Auto scan</strong> for <strong>Doc.type</strong> in <strong>Scan</strong>.</td>
<td><img src="Note" alt="Loading Only One Original in Center of Platen" /></td>
</tr>
<tr>
<td></td>
<td>• Select <strong>Photo</strong> for <strong>Doc.type</strong> in <strong>Scan</strong> and specify <strong>Auto scan</strong> for <strong>Scan size</strong> to scan originals.</td>
<td><img src="Note" alt="Loading Only One Original in Center of Platen" /></td>
</tr>
<tr>
<td></td>
<td>Scanning two or more originals</td>
<td><img src="Note" alt="Loading Two or More Originals on Platen" /></td>
</tr>
<tr>
<td></td>
<td>If you scan using the operation panel, follow the operation below.</td>
<td><img src="Note" alt="Loading Two or More Originals on Platen" /></td>
</tr>
<tr>
<td></td>
<td>• Select <strong>Auto scan</strong> for <strong>Doc.type</strong> in <strong>Scan</strong>.</td>
<td><img src="Note" alt="Loading Two or More Originals on Platen" /></td>
</tr>
<tr>
<td></td>
<td>• Select <strong>Photo</strong> for <strong>Doc.type</strong> in <strong>Scan</strong> and specify <strong>Auto multi scan</strong> for <strong>Scan size</strong> to scan two or more originals.</td>
<td><img src="Note" alt="Loading Two or More Originals on Platen" /></td>
</tr>
</tbody>
</table>

## Note

- For details on how to scan from the computer and how to load originals, see below.
  - For Windows:
    - ![Scanning from Computer (Windows)](Note)
  - For macOS:
    - ![Scanning from Computer (macOS)](Note)
Loading the Original to Be Aligned with the alignment mark

Place the original WITH THE SIDE TO SCAN FACING DOWN on the platen and align it with the alignment mark. Portions placed on the diagonally striped area cannot be scanned.

Important

- The printer cannot scan the striped area (A) (0.04 inch (1 mm) from the edges of the platen glass).

Loading Only One Original in Center of Platen

Place the original WITH THE SIDE TO SCAN FACING DOWN, with 0.40 inch (1 cm) or more space between the edges (diagonally striped area) of the platen. Portions placed on the diagonally striped area cannot be scanned.
Loading Two or More Originals on Platen

Place the originals WITH THE SIDE TO SCAN FACING DOWN. Allow 0.40 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and the originals, and between the originals. Portions placed on the diagonally striped area cannot be scanned.

You can place up to 12 items.

B: More than 0.40 inch (1 cm)

Note

- The Skew Correction function automatically compensates for the originals placed at an angle of up to approximately 10 degrees. Slanted photos with a long edge of 7.1 inches (180 mm) or more cannot be corrected.
- Non-rectangular or irregular shaped photos (such as cut out photos) may not be scanned properly.
### Supported Originals

#### Platen

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Types of originals</td>
<td>• Text document, magazine, or newspaper</td>
</tr>
<tr>
<td></td>
<td>• Printed photo, postcard, business card, or disc (BD/DVD/CD, etc.)</td>
</tr>
<tr>
<td></td>
<td>• Documents that are not suitable for the ADF</td>
</tr>
<tr>
<td>Size (width x height)</td>
<td>Max. 8.5 x 11.7 inches (216 x 297 mm)</td>
</tr>
<tr>
<td>Quantity</td>
<td>One or more sheets*</td>
</tr>
<tr>
<td>Thickness</td>
<td>Max. 0.2 inch (5 mm)</td>
</tr>
</tbody>
</table>

* Two or more originals can be loaded on the platen depending on the selected function.

► **Loading Based on Use**

#### In the ADF (Auto Document Feeder)

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kind of original</td>
<td>Plain-paper documents with multiple pages of the same size, thickness, and weight</td>
</tr>
<tr>
<td>Size</td>
<td>A4, Letter, Legal</td>
</tr>
<tr>
<td></td>
<td>Duplex copying, 2-on-1/4-on-1 copying, or booklet layout copying: A4/Letter only</td>
</tr>
<tr>
<td>Quantity</td>
<td>• A4/Letter: Max. 20 sheets (20 lb. (75 g /m²) paper), up to 0.08 inch (2 mm) high</td>
</tr>
<tr>
<td></td>
<td>• Legal: Max. 5 sheets (20 lb. (75 g /m²) paper), up to 0.02 inch (0.5 mm) high</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.003 to 0.005 inch (0.07 to 0.13 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>16.0 to 25.3 lb. (60 to 95 g /m²)</td>
</tr>
</tbody>
</table>

►► **Note**

- Make sure any liquids on documents, such as glue, ink, or correction fluid are dry before loading.
- Do not load glued documents in the ADF, even if the glue is dry, because this may cause paper jams.
- Remove all staples, paper clips, or other fasteners before feeding documents.
- Load Legal-sized documents in the ADF.
- Do not load these kinds of documents in the ADF, which may cause paper jams.
  - Wrinkled or creased documents
  - Curled documents
  - Torn documents
  - Documents with holes
  - Glued documents
  - Documents with sticky notes
• Documents on carbon paper
• Documents on coated paper
• Documents on onion skin or other thin paper
• Photos or excessively thick documents
Inserting the Memory Card

- Before Inserting the Memory Card
- Inserting the Memory Card
- Removing the Memory Card
Before Inserting the Memory Card

The following types of memory cards and image data are compatible with the printer.

**Important**

- If you took and saved photos on a type of memory card that does not guarantee the operation on your PictBridge (Wi-Fi) compliant device, the image data may be unreadable on the printer or damaged. For information on memory cards that your PictBridge (Wi-Fi) compliant device guarantees operation, refer to the instruction manual supplied with your PictBridge (Wi-Fi) compliant device.

- Format the memory card using a digital camera compliant with the Design rule for Camera File system (Exif 2.2/2.21/2.3 compliant), TIFF (Exif 2.2/2.21/2.3 compliant). The memory card may not be compatible with the printer if it is formatted on a computer.

### Memory Cards that Do Not Require a Card Adapter

- SD Secure Digital memory card, SDHC memory card, SDXC memory card

### Memory Cards that Require a Card Adapter

Be sure to attach the special card adapters to the following memory cards before inserting into the card slot.

- miniSD Card, miniSDHC Card
  
  Use the special "SD Card Adapter".

- microSD Card, microSDHC Card, microSDXC Card
  
  Use the special "SD Card Adapter".

**Important**

- If one of the following memory cards is inserted without the card adapter, you may not be able to remove the memory card.

  > Cannot Remove Memory Card
Printable Image Data

- This printer accepts images taken with a camera compliant with the Design rule for Camera File system (Exif 2.2/2.21/2.3 compliant), TIFF (Exif 2.2/2.21/2.3 compliant). Other image or movie types such as RAW images cannot be printed.

- The printer accepts images scanned and saved with the printer when **Doc.type** is set to **Photo** and **Format** is set to **JPEG** (file extension ".jpg").

Note

- This device incorporates exFAT technology licensed from Microsoft.
Inserting the Memory Card

**Important**

- When a memory card is inserted into the card slot, the Access lamp is lit. When the Access lamp is flashing, the printer is accessing the memory card. In this case, do not touch the area around the card slot.

**Note**

- When Read/write attribute is set to Writable from USB PC, you cannot print image data from the memory card using the operation panel of the printer. After using the card slot as the memory card drive of a computer, remove the memory card, select Other device settings in Device settings, then set Read/write attribute to Not writable from PC.

  - Setting Up Card Slot as Memory Card Drive of Computer

- When you use a computer to edit or enhance photos saved on a memory card, be sure to print them from the computer. If you use the operation panel, the photos may not be printed properly.

1. Prepare your memory card.

   Attach a special card adapter if your memory card requires one.

   ➔ Before Inserting the Memory Card

2. Insert the memory card into the card slot.

   Insert your memory card straightforward WITH THE LABELED SIDE FACING UP into the card slot.

   When the memory card is inserted properly, the Access lamp (A) will light up.

![Diagram of memory card insertion](image)

* Be sure to attach the card adapter to the following types of memory card before inserting to the card slot.

  - miniSD Card, miniSDHC Card
  - microSD Card, microSDHC Card, microSDXC Card
Important

• Part of the memory card will protrude from the card slot, but do not force it into the slot any further. This can damage the printer or the memory card.

• Make sure that the memory card is correctly oriented before inserting it into the card slot. If you force the memory card into the card slot in the wrong orientation, the memory card or the printer can be damaged.
Removing the Memory Card

Important

• If you used the card slot as the memory card drive of a computer, you must perform the "safe removal" operation on your computer before physically removing the memory card from the printer.

⇒ Setting Up Card Slot as Memory Card Drive of Computer

1. Make sure that the Access lamp is lit, and remove the memory card.

Hold the part of the memory card that is protruding and remove it straightforward from the printer.

Important

• Do not remove the memory card while the Access lamp is flashing. The Access lamp flashes while the printer is reading or writing data from/to the memory card. If you remove the memory card or turn off the power while the Access lamp is flashing, the data saved on the memory card can be damaged.
Replacing Ink Tanks

- Replacing Ink Tanks
- Checking Ink Status on the Touch Screen
- Ink Tips
Replacing Ink Tanks

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

**An Error Occurs**

**Note**

- If print results become faint or white streaks appear despite sufficient ink levels, see Maintenance Procedure.
- For precautionary notes on handling ink tanks, see Notes on ink tanks.

### Replacing Procedure

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

1. **Check that printer is turned on.**

2. **Open the scanning unit / cover.**

   The print head holder moves to the replacement position.

   ![Print head holder](image)

   **Caution**

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

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

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

• Do not touch other parts besides the ink tanks.
• Handle the ink tank carefully to avoid staining of clothing or the surrounding area.
• Discard the empty ink tank according to the local laws and regulations regarding disposal of consumables.

Note

• Do not remove two or more ink tanks at the same time. Be sure to replace ink tanks one by one when replacing two or more ink tanks.

4. Take a new ink tank out of its package, remove the orange tape (B) completely, then remove the protective film (C) completely.

Important

• Handle an ink tank carefully. Do not drop or apply excessive pressure to it.
• If the orange tape remains on the Y-shape air hole (D), ink may splash or the printer may not print properly.
5. Hold the ink tank with the orange protective cap (E) pointing up while being careful not to block the Y-shape air hole (D).

![Image of ink tank with orange protective cap]

6. Lift up the tab on the orange protective cap (E) to remove it off GENTLY.

![Image of lifting the tab to remove protective cap]

**Important**

- Do not push the sides of the ink tank. If you push the sides of the ink tank with the Y-shape air hole (D) blocked, ink may splash.
- Do not touch the inside of the orange protective cap (E) or the open ink port (F). The ink may stain your hands if you touch them.
- Do not reattach the protective cap (E) once you have removed it. Discard it according to the local laws and regulations regarding disposal of consumables.

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

Make sure that the position of the ink tank matches the label.
8. Press on the top of the ink tank until the ink tank snaps firmly into place.

**Important**
- You cannot print if the ink tank is installed in the wrong position. Be sure to install the ink tank in the correct position according to the label on the print head holder.
- You cannot print unless all the ink tanks are installed. Be sure to install all the ink tanks.

9. Close the scanning unit / cover.

To close the scanning unit / cover, hold it up once, then take it down gently.

**Caution**
- When closing the scanning unit / cover, be careful not to get your fingers caught.
Note

• If the error message appears after the scanning unit / cover is closed, take appropriate action.
  ➡️ An Error Occurs

• When you start printing after replacing the ink tank, the printer starts cleaning the print head automatically. Do not perform any other operations until the printer completes the cleaning of the print head.

• If the print head is out of alignment, as indicated by misaligned printed ruled lines or similar symptoms, align the print head.

• The printer may make noise during operation.

Notes on ink tanks

Important

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

• Use a new ink tank for replacement. Installing a used ink tank may cause the nozzles to clog. Furthermore, with such an ink tank, the printer will not be able to inform you when to replace the ink tank properly.

• Once an ink tank has been installed, do not remove it from the printer and leave it out in the open. This will cause the ink tank to dry out, and the printer may not operate properly when it is reinstalled. To maintain optimal printing quality, use an ink tank within six months of first use.

Note

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

When an ink tank is out of ink, replace it immediately with a new one.
  ➡️ Ink Tips
Checking Ink Status on the Touch Screen

1. Make sure that the power is turned on, and display the HOME screen.

   If the HOME screen is not displayed, tap (HOME) to display it.

2. Select (Hint) on HOME screen.

   (Using the Operation Panel)

   The hint menu screen will appear.

3. Select Estimated ink levels.

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

   ![Current estimated ink levels]

   Example: ⚠️

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

   The resulting print quality may not be satisfactory, if printing is continued under this condition.

   **Note**

   • The above screen shows estimated ink levels.
   • To access the ink purchasing site, select Order ink now on this screen and display the QR code.
     Cost of connecting to Internet is to be born by the customer.
   • Selecting Ink number displays the Ink number screen for checking ink numbers.
   • You can also check the ink status on a screen of the touch screen displayed while printing.
   • You can also check the ink status on the computer screen.
     • For Windows:
       (Checking Ink Status from Your Computer)
     • For macOS:
       (Checking Ink Status from Your Computer)
Ink Tips

How is ink used for various purposes other than printing?

Ink may be used for purposes other than printing.

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

The printing costs described in the brochures or websites are based on the consumption data from not the first ink tank /ink cartridge but the succeeding ink tank /ink cartridge.

Ink is sometimes used to maintain the optimal printing quality.

To keep printer's performance, Canon printer performs cleaning automatically according to its condition. When the printer performs cleaning, a small amount of ink is consumed. In this case, all colors of ink may be consumed.

[Cleaning function]

The cleaning function helps the printer to suck air bubbles or ink itself from the nozzle and thus prevents print quality degradation or nozzle clogging.

Does black-and-white printing use color ink?

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

Why does the printer have two black ink tanks?

There are two kinds of black ink in the printer: dye ink (BK) and pigment ink (PGBK).

The dye ink is used mainly for printing photos, illustration, etc., and the pigment ink is used for text-based documents. Each has different purposes so that even if one runs out, another will not be used instead. If either of them runs out, the ink tank replacement is required.

These two inks are automatically used depending on the type of printing paper or the settings of the printer driver. You cannot change the usage of these inks yourself.
If Printing Is Faint or Uneven

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

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

**Important**

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

**Note**

- Make sure that the orange protective tape does not remain on the ink tank.

- Check the ink status.
  - [Checking Ink Status on the Touch Screen](#)

  - For Windows, increasing the print quality in the printer driver settings may improve the print result.
    - [Changing the Print Quality and Correcting Image Data](#)

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**When the Print Results Are Blurred or Uneven:**

**Step 1** Print the nozzle check pattern.

From the printer
  - [Printing the Nozzle Check Pattern](#)

From the computer
  - For Windows:
    - [Printing a Nozzle Check Pattern](#)
  - For macOS:
    - [Printing a Nozzle Check Pattern](#)

**Step 2** Examine the nozzle check pattern.

If there are missing lines or horizontal white streaks in the pattern:
Step 3  Clean the print head.

From the printer

⇒ Cleaning the Print Head

From the computer

• For Windows:
  ⇒ Cleaning the Print Heads

• For macOS:
  ⇒ Cleaning the Print Heads

After cleaning the print head, print and examine the nozzle check pattern: ⇒ Step 1

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

Step 4  Clean the print head deeply.

From the printer

⇒ Deep Print Head Cleaning

From the computer

• For Windows:
  ⇒ Cleaning the Print Heads

• For macOS:
  ⇒ Cleaning the Print Heads

Note

• When you have performed the procedure until step 4 and the problem has not been resolved, turn off the power and clean the print head deeply again after 24 hours.

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

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

Step 5  Align the print head.

From the printer

⇒ Aligning the Print Head

From the computer

• For Windows:
  ⇒ Adjusting Print Head Position Automatically

• For macOS:
Adjusting Print Head Position
## Printing the Nozzle Check Pattern

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

### Note

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

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

1. **Check that printer is turned on.**

2. Load a sheet of A4 or Letter-sized plain paper in the cassette.

   After inserting the cassette into the printer, the paper setting confirmation screen appears on the touch screen. If the page size shown on the touch screen is **A4** or **Letter**, select **Yes**. If not, select **Change** and change the page size to **A4** or **Letter**.

   ![Current cassette setting. Please confirm.
   Current cassette setting. Please confirm.](image)

   - **Change**
   - **Yes**

### Note

- Be sure to load paper in the cassette. If you load paper on the rear tray, the nozzle check pattern is not printed.

3. Open operation panel and pull out paper output tray.

4. Select [Setup] on HOME screen.

   ➤ Using the Operation Panel

   The setup menu screen will appear.

5. Select **Maintenance**.

   The **Maintenance** screen will appear.

6. Select **Print nozzle check pattern**.
7. **Select Yes.**

The nozzle check pattern will be printed and two pattern confirmation screens will appear on the touch screen.

8. **Examine the nozzle check pattern.**
Examining the Nozzle Check Pattern

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

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

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

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

   - Which is closer for printed color patterns?
     - All A
     - Also B
For A (no missing lines or no horizontal white streaks) in both the pattern C and pattern D:

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

The screen will return to the Maintenance screen.

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

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

The printer starts cleaning the print head.

**Cleaning the Print Head**

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

(Example: Magenta pattern is not printed)

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

The printer starts cleaning the print head.

**Cleaning the Print Head**
Cleaning the Print Head

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

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

1. **Check that printer is turned on.**

2. Load a sheet of A4 or Letter-sized plain paper in the cassette.

   After inserting the cassette into the printer, the paper setting confirmation screen appears on the touch screen. If the page size shown on the touch screen is A4 or Letter, select Yes. If not, select Change and change the page size to A4 or Letter.

   ![Current cassette setting. Please confirm.](image)

   - **Note**
     - Be sure to load paper in the cassette. If you load paper on the rear tray, the nozzle check pattern is not printed.

3. Open operation panel and pull out paper output tray.

4. Select (Setup) on HOME screen.

   ![Using the Operation Panel](image)

   The setup menu screen will appear.

5. Select Maintenance.

   The Maintenance screen will appear.

6. Select Cleaning.
The confirmation screen will appear.

7. Select **Yes**.

   The printer starts cleaning the print head.
   Do not perform any other operations until the printer completes the cleaning of the print head. This takes about 1 minute.
   The pattern print confirmation screen will appear.

8. Select **Yes**.

   The nozzle check pattern will be printed.

9. **Examine the nozzle check pattern.**

   **Note**
   - If the problem is not resolved after cleaning the print head twice, *[clean the print head deeply]*.
Deep Print Head Cleaning

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

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

1. **Check that printer is turned on.**

2. Load a sheet of A4 or Letter-sized plain paper in the cassette.

   After inserting the cassette into the printer, the paper setting confirmation screen appears on the touch screen. If the page size shown on the touch screen is A4 or Letter, select Yes. If not, select Change and change the page size to A4 or Letter.

   ![Current cassette setting. Please confirm.](image)

   **Note**

   - Be sure to load paper in the cassette. If you load paper on the rear tray, the nozzle check pattern is not printed.

3. Open operation panel and pull out paper output tray.

4. Select **(Setup) on HOME screen.**

   ➤ Using the Operation Panel

   The setup menu screen will appear.

5. Select **Maintenance.**

   The **Maintenance** screen will appear.

6. Select **Deep cleaning.**
7. Select **Yes**.

The printer starts cleaning the print head deeply.

Do not perform any other operations until the printer completes the deep cleaning of the print head. This takes about 1 to 2 minutes.

The pattern print confirmation screen will appear.

8. Select **Yes**.

The nozzle check pattern will be printed.

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

10. **Examine the nozzle check pattern.**

    If a particular color is not printed properly, replace the ink tank of that color.

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

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

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

**Note**

- If the remaining ink level is low, the print head alignment sheet will not be printed correctly. Replace the ink tank whose ink is low.
- If ink runs out as the print head alignment sheet is printed, an error message appears on the touch screen.

⇒ An Error Occurs

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

1. **Check that printer is turned on.**

2. Load two sheets of A4 or Letter-sized plain paper in cassette.

   After inserting the cassette into the printer, the paper setting confirmation screen appears on the touch screen. If the page size shown on the touch screen is **A4** or **Letter**, select **Yes**. If not, select **Change** and change the page size to **A4** or **Letter**.

   ![Current cassette setting. Please confirm.](image)

   **Note**

   - Be sure to load paper in the cassette. If you load paper on the rear tray, the print head alignment sheet is not printed.

3. Open operation panel and pull out paper output tray.

4. Select **(Setup)** on HOME screen.

   ⇒ **Using the Operation Panel**

   The setup menu screen will appear.
5. Select **Maintenance**.

The **Maintenance** screen will appear.

6. Select **Auto head alignment**.

![Maintenance screen with Auto head alignment highlighted]

The confirmation screen will appear.

7. Confirm the message, then select **Yes**.

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

This takes about 3 to 4 minutes.

**Note**

- If automatic print head alignment fails, an error message appears on the touch screen.

  > An Error Occurs

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

**Note**

- If the print results are still not satisfactory after adjusting the print head position as described above, 
  adjust the print head position manually.

  You can also align the print head manually from a computer.

  - For Windows:
    
    > Adjusting the Print Head Position Manually

  - For macOS:
    
    > Adjusting Print Head Position

- To print and check the current head position adjustment values, select **Print the head alignment value** on the **Maintenance** screen.
Aligning the Print Head Manually

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

Note

• For details on automatic print head alignment, see Aligning the Print Head.

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

1. Check that printer is turned on.

2. Load three sheets of A4 or Letter-sized plain paper in cassette.

   After inserting the cassette into the printer, the paper setting confirmation screen appears on the touch screen.

   If the page size shown on the touch screen is A4 or Letter, select Yes.

   If not, select Change and change the page size to A4 or Letter.

   ![Current cassette setting. Please confirm.]

   - A4
   - Plain paper
   - Change
   - Yes

   Note

   • Be sure to load paper in the cassette. If you load paper on the rear tray, the print head alignment sheet is not printed.

3. Open operation panel and pull out paper output tray.

4. Select (Setup) on HOME screen.

   Using the Operation Panel

   The setup menu screen will appear.

5. Select Maintenance.

   The Maintenance screen will appear.
6. Select **Manual head alignment**.

The confirmation screen will appear.

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

7. Check message and select **Yes**.

The print head alignment pattern will be printed.

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

9. Check message and select **Next**.

The input screen for head position alignment values is displayed.

10. Examine first patterns and tap A. In column A, find pattern in which streaks are least noticeable, and then select the number of that pattern.
11. Repeat these steps until you have finished entering pattern numbers for columns B to H, and then select **OK**.

12. Check message and select **OK**.

   The second set of patterns is printed.

13. Examine second patterns and tap I. In column I, find pattern in which streaks are least noticeable, and then select the number of that pattern.
14. Repeat these steps until you have finished entering pattern numbers for columns J to P, and then select **OK**.

15. Check message and select **OK**.

   The third set of patterns is printed.

16. Examine third patterns and tap a. In column a, find pattern in which stripes are least noticeable, and then select the number of that pattern.
17. Repeat these steps until you have finished entering pattern numbers for columns b to h, and then select OK.

18. When confirmation message appears, select OK.
Cleaning

- Cleaning Exterior Surfaces
- Cleaning Platen and Document Cover
- Cleaning the ADF (Auto Document Feeder)
- Cleaning Paper Feed Rollers
- Cleaning Inside the Printer (Bottom Plate Cleaning)
- Cleaning Cassette Pads
Cleaning Paper Feed Rollers

If the paper feed roller is dirty or paper powder is attached to it, paper may not be fed properly.

In this case, clean the paper feed roller. Cleaning will wear out the paper feed roller, so perform this only when necessary.

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

1. **Check that printer is turned on.**

2. Select 🔄 (Setup) on HOME screen.

   ➤ Using the Operation Panel

   The setup menu screen will appear.

3. Select 🔨 Maintenance.

   The **Maintenance** screen will appear.

4. Select **Roller cleaning**.

   ![Maintenance menu]

   The confirmation screen will appear.

5. Select **Yes**.

6. Select **Rear tray** or **Cassette** to clean the paper feed roller.

7. Follow the message to remove any paper from the paper source.

   If you clean the paper feed roller of cassette, remove any paper from the cassette, then push it back.

8. Select **OK**.

   The operation panel is opened and the paper output tray is pulled out automatically.
9. Make sure that the paper feed roller has stopped rotating, then follow the message to load the three sheets of A4 or Letter-sized plain paper.

10. Open operation panel and pull out paper output tray.

11. Select OK.

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

12. When the completion message appears, select OK.

If the problem is not resolved after cleaning the paper feed roller, contact your nearest Canon service center to request a repair.
Cleaning Inside the Printer (Bottom Plate Cleaning)

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

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

* Be sure to use a new piece of paper.

1. Check that printer is turned on.

2. Select (Setup) on HOME screen.
   -> Using the Operation Panel
   The setup menu screen will appear.

3. Select Maintenance.
   The Maintenance screen will appear.

4. Select Bottom plate cleaning.
   The confirmation screen will appear.

5. Select Yes.

6. Follow the message to remove any paper from the cassette, then select OK.

7. Fold a single sheet of A4 or Letter-sized plain paper in half widthwise, then unfold the paper.

8. Fold one side of the opened paper in another half, aligning the edge with the center crease, unfold the paper, then select OK.
9. Load only this sheet of paper in the cassette with the ridges of the creases facing up and the edge of the half with no crease facing to the far side.

10. Insert cassette into printer.

11. Open operation panel and pull out paper output tray.

12. Select OK.
   
   The paper cleans the inside of the printer as it feeds through the printer.
   
   Check the folded parts of the ejected paper. If they are smudged with ink, perform Bottom Plate Cleaning again.

13. When the completion message appears, select OK.

>>> Note

- When performing Bottom Plate Cleaning again, be sure to use a new piece of paper.
If the problem is not resolved after performing cleaning again, the protrusions inside the printer may be stained. Wipe off any ink from the protrusions using a cotton swab or the like.

**Important**

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

- **Safety**
  - Safety Precautions
  - Regulatory Information
  - WEEE (EU & EEA)

- **Handling Precautions**
  - Canceling Print Jobs
  - Legal Restrictions on Scanning/Copying
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- **Main Components and Their Use**
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- **Changing Settings**
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Safety

- Safety Precautions
- Regulatory Information
- WEEE (EU&EEA)
Safety Precautions

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

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

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

⚠️ Warning

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

• Do not use the printer in the following cases:
  Stop use immediately, unplug the printer and call your local service representative to request repair.
  • Metal objects or liquids are spilled inside the printer,
  • The printer emits smoke, strange odors, or makes unusual noises,
  • The power cord or plug overheat or are broken, bent or damaged in any way.

• Failure to adhere to the following may result in fire, electric shock, or injury:
  • Do not place product close to the flammable solvents such as alcohol or thinner.
  • Do not open or modify the printer.
  • Use only the power cord/cables that came with your printer. Do not use these cables with other devices.
  • Do not plug in to voltages or frequencies other than those specified.
  • Plug the power cord into the socket completely.
  • Do not plug in or unplug the power cord with wet hands.
  • Do not damage the power cord by twisting, bundling, tying, pulling or excessively bending it.
  • Do not place heavy objects on the power cord.
  • Do not connect multiple power cords to a single electrical outlet. Do not use multiple extension cords.
  • Do not leave the printer plugged in during lightning storms.
  • Always unplug the power cord and cables when cleaning. Do not use flammable sprays or liquids such as alcohol or thinners for cleaning.
  • Unplug the power cord once a month to check that it is not overheating, rusted, bent, scratched, split, or otherwise damaged.

⚠️ Caution

• Do not put your hands inside the printer while printing.
• Do not touch the print head or other metal parts immediately after printing.
• Ink
  • Keep ink out of reach of children.
  • If ink is accidentally licked or swallowed, rinse out your mouth and drink one or two glasses of water. If irritation or discomfort occurs, obtain medical advice immediately.
• In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.

• Moving the printer
  • Do not hold the printer by the cassette. Hold the printer by its sides and carry it with both hands.

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### General Notices

#### Choosing a location

Refer to "Specifications" in the Online manual for details on operating environment.

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

#### Power Supply

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

#### General Notices

- Do not tilt the printer, stand it on end, or turn it upside down. This may cause ink to leak.
• Do not place anything on top of the printer. Be especially careful to avoid metal objects such as paper clips and staples, and containers holding flammable liquids such as alcohol or thinner.
• Do not apply excessive pressure when placing large objects on the platen glass.
• Do not attempt to open, disassemble or modify the ink tanks. Ink may leak and damage your printer.
• Do not throw print heads or ink tanks in the fire.
Users in the U.S.A.

FCC Notice (U.S.A. Only)
For 120V, 60Hz model
Model Number: K10480 (Contains FCC Approved WLAN Module K30365, FCC Approved Bluetooth K30375)

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.

FCC ID:AZDK30365, AZDK30375

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The equipment complies with FCC radiation exposure limits for at uncontrolled equipment. This equipment should be installed and operated with minimum distance at least 20cm between the radiator and persons body (excluding extremities: hands, wrists, feet and ankles) and must not be colocated or operated with any other antenna or transmitter.

Canon U.S.A., Inc.
One Canon Park
Melville, New York 11747
1-800-652-2666
Interference

Do not use the printer around medical equipment or other electronic devices. Signals from the printer may interfere with the correct operation of these devices.
Only for European Union and EEA (Norway, Iceland and Liechtenstein)

This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU) and national legislation. 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). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/weee.

Nur für Europäische Union und EWR (Norwegen, Island und Liechtenstein)


Union Européenne, Norvège, Islande et Liechtenstein uniquement.
Ce symbole indique que ce produit ne doit pas être jeté avec les ordures ménagères, conformément à la directive DEEE (2012/19/UE) et à la réglementation de votre pays. 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. Parallèlement, 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 les points de collecte des équipements à recycler, contactez vos services municipaux, les autorités locales compétentes, le plan DEEE approuvé ou le service d'enlèvement des ordures ménagères. Pour plus d’informations sur le retour et le recyclage des produits DEEE, consultez le site: www.canon-europe.com/weee.

Uitsluitend bestemd voor de Europese Unie en EER (Noorwegen, IJsland en Liechtenstein)

Dit symbool geeft aan dat dit product in overeenstemming met de AEEA-richtlijn (2012/19/EU) en de nationale wetgeving niet mag worden afgevoerd met het huishoudelijk afval. Dit product moet worden ingeleverd bij een aangewezen, geautoriseerd inzamelpunt, bijvoorbeeld wanneer u een nieuw gelijksoortig product aanschaft, of bij een geautoriseerd inzamelpunt voor hergebruik van elektrische en elektronische apparatuur (EEA). Een onjuiste afvoer van dit type afval kan leiden tot negatieve effecten op het milieu en de volksgezondheid als gevolg van potentieel gevaarlijke stoffen die veel voorkomen in elektrische en elektronische apparatuur (EEA). Bovendien werkt u door een juiste afvoer van dit product mee aan het effectieve gebruik van natuurlijke hulpbronnen. Voor meer informatie over waar u uw afgedankte apparatuur kunt inleveren voor recycling kunt u contact opnemen met het gemeentehuis in uw woonplaats, de reinigingsdienst, of het afvalverwerkingsbedrijf. U kunt ook het schema voor de afvoer van afgedankte elektrische en elektronische apparatuur (EEA) raadplegen. Ga voor meer informatie over het inzamelen en recyclen van afgedankte elektrische en elektronische apparatuur naar www.canon-europe.com/weee.

Sólo para la Unión Europea y el Área Económica Europea (Noruega, Islandia y Liechtenstein)

Este símbolo indica que este producto no debe desecharse con los desperdicios domésticos, de acuerdo con la directiva RAEE (2012/19/UE) y con la legislación nacional. Este producto debe entregarse en uno de los puntos de recogida designados, como por ejemplo, entregándolo en el lugar de venta al comprar un producto similar o depositándolo en un lugar de recogida autorizado para el reciclado de residuos de aparatos eléctricos y electrónicos (RAEE). La manipulación inapropiada de este tipo de desechos podría tener un impacto negativo en el entorno y la salud humana, debido a las sustancias potencialmente
peligrosas que normalmente están asociadas con los RAEE. Al mismo tiempo, su cooperación a la hora de desechar correctamente este producto contribuirá a la utilización eficaz de los recursos naturales. Para más información sobre cómo puede eliminar el equipo para su reciclado, póngase en contacto con las autoridades locales, con las autoridades encargadas de los desechos, con un sistema de gestión RAEE autorizado o con el servicio de recogida de basuras doméstico. Si desea más información acerca de la devolución y reciclado de RAEE, visite la web www.canon-europe.com/weee.

Només per a la Unió Europea i a l’Espai Econòmic Europeu (Noruega, Islàndia i Liechtenstein)

Aquest símbol indica que aquest producte no s'ha de llençar a les escombraries de la llar, d'acord amb la Directiva RAEE (2012/19/UE) i la legislació nacional. Aquest producte s'hauria de lliurar en un dels punts de recollida designats, com per exemple, intercanviant-lo 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 (AEE). La manipulació inadequada d’aquest tipus de residus podrria tenir un impacte negatiu en l'entorn i en la salut humana, a causa de les substàncies potencialment perillesoses que normalment estan associades als AEE. Així mateix, la vostra cooperació a l'hora de llençar correctament aquest producte contribuirà a la utilització efectiva dels recursos naturals. Per a més informació sobre els punts on podeu lliurar aquest producte per procedir al seu reciclatge, adreceu-vos a la vostra oficina municipal, a les autoritats encarregades dels residus, al pla de residus homologat per la RAEE o al servei de recollida de deixalles domèstiques de la vostra localitat. Per a més informació sobre la devolució i el reciclatge de productes RAEE, visiteu www.canon-europe.com/weee.

Solo per Unione Europea e SEE (Norvegia, Islanda e Liechtenstein)

Questo simbolo indica che il prodotto deve essere oggetto di raccolta separata in conformità alla Direttiva RAEE (2012/19/UE) e alla normativa locale vigente. Il prodotto deve essere smaltito presso un centro di raccolta differenziata, un distributore autorizzato che applichi il principio dell"uno contro uno", ovvero del ritiro della vecchia apparecchiatura elettrica al momento dell'acquisto di una nuova, o un impianto autorizzato al riciclaggio dei rifiuti di apparecchiature elettriche ed elettroniche. La gestione impropria di questo tipo di rifiuti può avere un impatto negativo sull'ambiente e sulla salute umana causato dalle sostanze potenzialmente pericolose che potrebbero essere contenute nelle apparecchiature elettriche ed elettroniche. Un corretto smaltimento di tali prodotti contribuirà inoltre a un uso efficace delle risorse naturali ed eviterà di incorrere nelle sanzioni amministrative di cui all'art. 255 e successivi del Decreto Legislativo n. 152/06. Per ulteriori informazioni sullo smaltimento e il recupero dei Rifiuti di Apparecchiature Elettriche ed Elettroniche, consultare la Direttiva RAEE, rivolgersi alle autorità competenti, oppure visitare il sito www.canon-europe.com/weee.
Apenas para a União Europeia e AEE (Noruega, Islândia e Liechtenstein)

Este símbolo indica que o produto não deve ser colocado no lixo doméstico, de acordo com a Directiva REEE (2012/19/UE) e a legislação nacional. Este produto deverá ser colocado num ponto de recolha designado, por exemplo, num local próprio autorizado quando adquirir um produto semelhante novo ou num local de recolha autorizado para reciclar resíduos de equipamentos eléctricos e electrónicos (EEE). O tratamento inadequado deste tipo de resíduo poderá causar um impacto negativo no ambiente e na saúde humana devido às substâncias potencialmente perigosas normalmente associadas aos equipamentos eléctricos e electrónicos. Simultaneamente, a sua cooperação no tratamento correcto deste produto contribuirá para a utilização eficaz dos recursos naturais. Para mais informações sobre os locais onde o equipamento poderá ser reciclado, contacte os serviços locais, a autoridade responsável pelos resíduos, o esquema REEE aprovado ou o serviço de tratamento de lixo doméstico. Para mais informações sobre a devolução e reciclagem de produtos REEE, vá a www.canon-europe.com/weee.

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


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

Μόνο για την Ευρωπαϊκή Ένωση και τον ΕΟΧ (Νορβηγία, Ισλανδία και Λιχτενστάιν)
Αυτό το σύμβολο υποδηλώνει ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα οικιακά απορρίμματα, σύμφωνα με την Οδηγία σχετικά με τα Απόβλητα Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΑΗΗΕ) (2012/19/ΕΕ) και την εθνική σας νομοθεσία. Αυτό το προϊόν πρέπει να παραδίδεται σε καθορισμένο σημείο συλλογής, π.χ. σε μια εξουσιοδοτημένη θέση συλλογής για την ανακύκλωση των αποβλήτων Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΗΗΕ). Ο ακατάλληλος χειρισμός αυτού του τύπου αποβλήτων μπορεί να έχει αρνητικό αντίκτυπο στο περιβάλλον και την υγεία του ανθρώπου, λόγω δυνητικώς επικίνδυνων υστερίων που γενικά συνδέονται με τον ΗΗΕ. Ταυτόχρονα, η συνεργασία σας όσον αφορά τη σωστή απόρριψη αυτού του προϊόντος θα συμβάλει στην αποτελεσματική χρήση των φυσικών πόρων. Για περισσότερες πληροφορίες σχετικά με τα σημεία όπου μπορείτε να απορρίψετε τον εξοπλισμό σας για ανακύκλωση, επικοινωνήστε με το τοπικό γραφείο της πόλης σας, το εγκεκριμένο σχήμα ΑΗΗΕ ή την υπηρεσία απόρριψης οικιακών αποβλήτων. Για περισσότερες πληροφορίες σχετικά με την επιστροφή και την ανακύκλωση των προϊόντων ΑΗΗΕ, επισκεφθείτε την ιστοθέσεια www.canon-europe.com/weee.

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


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

Tämä tunnus osoittaa, että sähkö- ja elektroniikkalaiteromua koskeva direktiivi (SER-direktiivi, 2012/19/EU) sekä kansallinen lainsäädäntö kielletää tuotteen hävittämisen talousjätteen mukana. Tuote on vielä asianmukaiseen keräyspiisteeseen, esimerkiksi kodinkonelikkeeseen uutta vastaavaa tuotetta ostettaessa tai virallisesti sähkö- ja elektroniikkalaiteromun keräyspiisteeseen. Sähkö- ja elektroniikkalaiteromun virheellinen käsitteily voi vahingoittaa ympäristöä ja ihmisten terveyttä, koska laatteet saattavat sisältää ympäristölle ja terveydelle haitallisia aineita. Lisäksi tuotteen asianmukainen hävittäminen säästää luonnonvaroja. Lisätietoja sähkö- ja elektroniikkalaiteromun keräyspiistestä saat kaupunkien ja kuntien tiedotuksesta, jätehuoltoviranomaisilta, sähkö- ja elektroniikkalaiteromun
Endast för Europeiska unionen och EES (Norge, Island och Liechtenstein)


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

Tento symbol znamená, že podle směrnice o OEEZ (2012/19/EU) a podle vnitrostátních právních předpisů nemá být tento výrobek likvidován s odpadem z domácnosti. Tento výrobek má být vrácen do sběrného místa, např. v rámci autorizovaného systému odběru jednoho výrobku za jeden nově prodaný podobný výrobek nebo v autorizovaném sběrném místě pro recyklaci odpadních elektrických a elektronických zařízení (OEEZ). 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 současně napomůže efektivnímu využívání přírodních zdrojů. Další informace o místech sběru vašeho odpadního zařízení k recyklaci vám sdělí místní úřad vaší obce, správní orgán vykonávající dozor nad likvidací odpadu, sběrný OEEZ nebo služba pro odvoz komunálního odpadu. Další informace týkající se vracení a recyklace OEEZ naleznete na adrese www.canon-europe.com/weee.

Csak az Európai Unió és az EGT (Norvégia, Izland és Liechtenstein) országáiban
Ez a szimbólum azt jelzi, hogy a helyi törvények és a WEEE-irányelv (2012/19/EU) szerint a termék nem kezelhető háztartási hulladékként. A terméket a kijelölt nyilvános gyűjtőpontokon kell leadni, például hasonló cserekészülék vásárlásakor, illetve bármelyik, elektromos és elektronikai berendezésekől származó hulladék (WEEE) átvételére feljogosított gyűjtőponthoz. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozóan forduljon a helyi önkormányzathoz, a körzeterület-fenntartó vállalathoz, a háztartási hulladék begyűjtésére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmakat okozhatnak a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához.
k účinnému využívaniu prírodných zdrojov. Ďalšie informácie o mieste recyklácie opotrebovaných zariadení získate od miestneho úradu, úradu životného prostredia, zo schváleného plánu OEEZ alebo od spoločnosti, ktorá zaistiťa likvidáciu komunálneho odpadu. Viac informácií nájdete aj na webovej stránke: www.canon-europe.com/weee.

**Üksnes Euroopa Liit ja EMP (Norra, Island ja Liechtenstein)**


**Tikai Eiropas Savienībai un EEZ (Norvēģijai, Islandei un Lihtenšteinai)**

Šis simbols norāda, ka atbilstoši ES Direktīvai (2012/19/ES) par elektrisko un elektronisko iekārtu atkritumiem (EEIA) un vietējiem tiesību aktiem no šī izstrādājuma nedrīkst atbrīvoties, izmetot to kopā ar sadzīves atkritumiem. Šis izstrādājums ir jānodod piemērotā savākšanas vieta, piemēram, apstiprinātā veikalā, kad iegādājušies līdzīgu jaunu produktu un atstājiet veco, vai apstiprinātā vietā izlietotu elektrisko un elektronisko iekārtu pārstrādei. Nepareiza šāda veida atkritumu apsaimniekošana var apdraudēt vidi un ciltvēka veselību tādu iespējami bīstamu vielu dēļ, kas parasti ir elektriskajās un elektroniskajās iekārtās. Turklāt jūsu atbalsts pareizā šāda veida atkritumu apsaimniekošanā sekmē efektīvu dabas resursu izmantošanu. Lai saņemtu pilnīgāku informāciju par vietām, kur izlietoto iekārtu var nodot pārstrādei, sazinieties ar vietējo valdību, apmeklējiet tīmekļa vietni www.canon-europe.com/weee.

**Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteinui)**

Šis ženklas reiškia, kad gaminio negalima išmesti su buitinėmis atliekomis, kaip yra nustatyta Direktyvoje (2012/19/ES) ir nacionaliniuose teisė aktuose dėl EEĮ atliekų tvarkymo. Šį gaminį reikia atiduoti į tam skirtą surinkimo punktą, pvz., pagal patvirtintą keitimo sistemą, kai perkamas panašus gaminys, arba j

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

Ta simbol pomeni, da tega izdelka v skladu z direktivo OEEO (2012/19/EU) in državno zakonodajo ne smete odvrceti v gospodinjske odpadke. Ta izdelek morate odložiti na ustrezno zbiralno mesto, na primer pri pooblaščenem prodajalcu, ko kupite podoben nov izdelek ali na zbiralno mesto za recikliranje električne in elektronske opreme. Neprimerno ravnanje s takšnimi odpadki lahko negativno vpliva na okolje in človekovo zdravje zaradi nevarnih snovi, ki so povezane z električno in elektronsko opremo. S pravilno odstranitvijo izdelka hkrati prispevate tudi k učinkovitih procesih v recikliranju izdelkov. Če želite več informacij o tem, kje lahko odložite odpadno opremo za recikliranje, pokličite občinski urad, komunalno podjetje ali službo, ki skrbi za odstranjevanje odpadkov, ali si oglejte načrt OEEO. Če želite več informacij o vračanju in recikliranju izdelkov v skladu z direktivo OEEO, obiščite www.canon-europe.com/weee.

Само за Европейския съюз и ЕИП (Норвегия, Исландия и Лихтенщайн)

Този символ показва, че този продукт не трябва да се изхвърля заедно с битовите отпадъци, съгласно Директивата за ИУЕЕО (2012/19/EC) и Вашето национално законодателство. 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). Неправилното търсене на този тип отпадъци може да доведе до евентуални отрицателни последствия за околната среда и човешкото здраве поради потенциално опасни 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. Повече информация относно местата, където може да предавате излязло от употреба оборудване за рециклиране, може да получите от местните власти, от органа, отговорен за отпадъците и от одобрена система за излязо от употреба ЕЕО или от Вашата местна служба за битови отпадъци. За повече информация относно връщането и рециклирането на продукта от излязо от употреба ЕЕО посетете www.canon-europe.com/weee.
Doar pentru Uniunea Europeană şi EEA (Norvegia, Islanda și Liechtenstein)

Acest simbol indică faptul că acest produs nu trebuie aruncat o dată cu reziduurile menajere, în conformitate cu Directiva DEEE (Directiva privind deşeurile de echipamente electrice şi electronice) (2012/19/UE) şi legile naţionale. Acest produs trebuie transportat la un punct de colectare special, de exemplu un centru care preia produsele vechi atunci când achiziţionaţi un produs nou similar, sau la un punct de colectare autorizat pentru reciclarea deşeurilor provenite de la echipamentele electrice şi electronice (EEE). Mânuirea necorespunzătoare a acestor tipuri de deşeuri poate avea un impact negativ asupra mediului înconjurător şi sănătăţii indivizilor, din cauza substanţelor potenţial nocive care sunt în general asociate cu EEE. În acelaşi timp, cooperarea dvs. la reciclarea corectă a acestui produs va contribui la utilizarea efectivă a resurselor naturale. Pentru mai multe informaţii privind locurile de reciclare a deşeurilor provenite de la echipamente, contactaţi biroul primăriei locale, autoritatea responsabilă cu colectarea deşeurilor, schema DEEE aprobată sau serviciul de colectare a deşeurilor menajere. Pentru mai multe informaţii privind returnarea şi reciclarea produselor DEEE, vizitaţi www.canon-europe.com/weee.

Samo za Europsku uniju i EEZ (Norveška, Island i Lihtenštajn)

Ovaj simbol pokazuje da se ovaj proizvod ne smije odlagati s kućnim otpadom sukladno WEEE Direktivi (2012/19/EC) i vašem nacionalnom zakonu. Ovaj proizvod je potrebno predati na posebno mjesto za sakupljanje otpada, npr. na ovlašteno mjesto gdje možete zamijeniti staro za novo ukoliko kupujete novi sličan proizvod ili na ovlašteno mjesto za sakupljanje rabljene električne i elektroničke opreme (EEE) za recikliranje. Nepropisno rukovanje ovom vrstom otpada može imati negativan učinak na okolinu i zdravlje ljudi zbog supstanci koje su potencijalno opasne za zdravlje, a općenito se povezuju s EEE. Istovremeno, vaša će suradnja kroz propisno odlaganje ovog proizvoda doprinijeti efektivnoj uporabi prirodnih resursa. Za više informacija o tome gdje možete odložiti svoj otpad za recikliranje obratite se vašem lokalnom gradskom uredu, komunalnoj službi, odobrenom WEEE programu ili službi za odlaganje kućnog otpada. Ostale informacije o vraćanju i recikliranju WEEE proizvoda potražite na www.canon-europe.com/weee.

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) i nacionalnim zakonima. Ovaj proizvod treba predati određenom centru za prikupljanje, npr. na osnovi “jedan-za-jedan” kada kupujete sličan novi proizvod, ili ovlašćenom centru za prikupljanje za reciklažu istrošene električne i elektronske opreme (EEE). Nepravilno rukovanje ovom
Handling Precautions

- Canceling Print Jobs
- Legal Restrictions on Scanning/Copying
- Transporting Your Printer
- When Repairing, Lending, or Disposing of the Printer
- Keeping Print Quality High
Legal Restrictions on Scanning/Copying

Scanning, printing, copying, or modifying copies of the following may be punishable under law.
This list is non-exhaustive. When in doubt, check with a local legal representative.

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

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

**Important**

- Pack the printer in a sturdy box so that it is placed with its bottom facing down, using sufficient protective material to ensure safe transport.
- With the print head and ink tank left installed in the printer, press the ON button to turn off the power. This allows the printer to automatically cap the print head, thus preventing it from drying.
- After packing, do not tilt the box containing the printer or turn it on its side or upside down. Doing so may cause the ink to leak during transport and cause damage to the printer.
- When a shipping agent is handling transport of the printer, have its box marked "THIS SIDE UP" to keep the printer with its bottom facing down. Mark also with "FRAGILE" or "HANDLE WITH CARE".

1. Turn the printer off.

2. Check that ON lamp is off and unplug power cord.

**Important**

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

3. Retract paper output tray and paper output support, and then close the operation panel.

4. Retract the paper support and then close the rear tray cover.

5. Unplug the printer cable from the computer and from the printer, then unplug the power cord from the printer.

6. Use adhesive tape to secure all the covers on the printer to keep them from opening during transportation. Then pack the printer in the plastic bag.

7. Attach the protective material to the printer when packing the printer in the box.
When Repairing, Lending, or Disposing of the Printer

If you have entered personal data, passwords and/or other security settings on the printer, such information may be stored in the printer.

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.

• Select (Setup) on HOME screen and select Device settings > Reset settings > Reset all > Yes.
Keeping Print Quality High

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

Note

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

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

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

When unplugging the power cord, check that the ON lamp is not lit.

Print periodically!

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

- Main Components
- Power Supply
- Using the Operation Panel
Main Components

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

A: Operation Panel
   Use to change the settings of the printer or to operate it. Before printing starts, this automatically opens.
   ➤ *Operation Panel*

B: Platen
   Load an original here.

C: Document Cover
   Open to load an original on the platen.

D: Cassette
   Load A4, B5, A5, or Letter-sized plain paper into the cassette, and insert it into the printer.
   ➤ *Loading Paper in the Cassette*

E: Paper Guides
   Align with right/left/front sides of the paper stack.

F: Multi-purpose Tray
   Use when printing on printable discs.

G: Paper Output Tray
   Printed paper is ejected. Pull out it before printing.

H: Paper Output Support
   Extend to support ejected paper.
I: Card Slot
Insert a memory card.

⇒ Before Inserting the Memory Card

J: Access lamp
Lights or flashes to indicate the memory card status.

⇒ Inserting the Memory Card

K: Multi-purpose Tray Guide
Place the multi-purpose tray here.

L: ADF (Auto Document Feeder)
Load a document here. The documents loaded in the document tray are scanned automatically one sheet at a time.

⇒ Loading Documents in the ADF (Auto Document Feeder)

M: Document Feeder Cover
Open when clearing jammed documents.

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

⇒ Loading Paper in the Rear Tray
Loading Envelopes in Rear Tray

O: Paper Support
   Extend to load paper in the rear tray.

P: Rear Tray Cover
   Open to load paper in the rear tray.

Q: Feed Slot Cover
   Prevents anything from falling into the feed slot.
   Open it to slide the paper guides, and close it before printing.

R: Paper Guides
   Align with both sides of the paper stack.

S: Document Output Slot
   Documents scanned from the ADF are delivered here.

T: Document Tray
   Open to load a document in the ADF. You can load two or more sheets of document of the same size and thickness. Load the document with the side you want to scan facing up.

U: Document Guide
   Adjust this guide to match the width of document in the ADF.
**Rear View**

A: Wired LAN Connector
   Plug in the LAN cable to connect the printer to a LAN.

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

C: Power Cord Connector
   Plug in the supplied power cord.

D: Transport Unit Cover
   Open when removing jammed paper.

E: Rear Cover
   Detach when removing jammed paper.

**Important**

- Do not touch the metal casing.
- Do not plug in or unplug the USB cable while the printer is printing or scanning with the computer. This can cause trouble.
A: Scanning Unit / Cover
Scans originals. Also, lift and open it to replace an ink tank or to remove jammed paper inside the printer.

B: Print Head Holder
The print head is pre-installed.

Note
- For details on replacing an ink tank, see Replacing Ink Tanks.
A: ON button/ON lamp
Turns the power on or off. Lights after flashing when the power is turned on. Before turning on the power, make sure that the document cover is closed.

B: Touch Screen
Displays messages, menu items, and the operational status. Directly touch the screen lightly with your finger tip to select a menu item or displayed button. You can also preview photos on a memory card before printing.

⇒ Basic Operation of the touch screen
Power Supply

- Checking that Power Is On
- Turning the Printer On and Off
- Checking the Power Plug/Power Cord
- Unplugging the Printer
Checking that Power Is On

The **ON** lamp is lit when the printer is turned on.
Even if the touch screen is off, if the **ON** lamp is lit, the printer is on.

### Note

- It may take a while for the printer to start printing immediately after you turn on the printer.
- The touch screen display will turn off if the printer is not operated for about 10 minutes. To restore the display, touch the touch screen. The print operation from a computer can also restore the display.
Turning the Printer On and Off

Turning on the printer

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

   The **ON** lamp flashes and then remains lit.

   ➤ Confirming that the Power Is On

   ![ON button](image)

   **Note**

   • It may take a while for the printer to start printing immediately after you turn on the printer.

   • If an error message is displayed on the touch screen, see *An Error Occurs*.

   • You can set the printer to automatically turn on when a print or scan operation is performed from a computer connected by USB cable or wireless network. This feature is set to off by default.

   From the printer

   ➤ **ECO settings**

   From the computer

   • For Windows:

     ➤ Managing the Printer Power

   • For macOS:

     ➤ Managing the Printer Power

Turning off the printer

1. Press the **ON** button to turn off the printer.

   When the **ON** lamp stops flashing, the printer is turned off.
**Important**

- When you unplug the power cord after turning off the printer, be sure to confirm that the **ON** lamp is off.

**Note**

- When pressing the **ON** button, a confirmation screen to retract the paper output tray on the touch screen. If you want to retract the paper output tray, select **Yes**.

- You can set the printer to automatically turn off when no operations are performed or no print jobs are sent to the printer for a certain interval. This feature is set to on by default.

  From the printer
  
  ➤ [**ECO settings**](#)

  From the computer

  - For Windows:
    
    ➤ [**Managing the Printer Power**](#)

  - For macOS:
    
    ➤ [**Managing the Printer Power**](#)
Checking the Power Plug/Power Cord

Unplug the power cord once a month to confirm that the power plug/power cord does not have anything unusual described below.

- The power plug/power cord is hot.
- The power plug/power cord is rusty.
- The power plug/power cord is bent.
- The power plug/power cord is worn.
- The power plug/power cord is split.

⚠️ Caution

- If you find anything unusual with the power plug/power cord described above, unplug the power cord and call for service. Using the printer with one of the unusual conditions above may cause a fire or an electric shock.
Unplugging the Printer

To unplug the power cord, follow the procedure below.

**Important**

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

1. Press the **ON** button to turn the printer off.

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

3. Unplug the power cord.

The specification of the power cord differs depending on the country or region of use.
Using the Operation Panel

The operation panel consists of the ON button (A) and touch screen (B).

Touch the HOME screen on the touch screen with your finger tip to select menus for copying, scanning, and other functions.

Operations on the HOME Screen

A: ON button  
B: Touch Screen

Basic Operation of the touch screen

Touch the touch screen lightly with your finger tip or move your finger to access various functions or settings.

Important

- When operating the touch screen, make sure to avoid the followings, which may cause the printer to malfunction or damage the printer.
  - Strongly pressing the touch screen.
  - Pressing the touch screen with other than your finger (especially with sharpened tips, such as on ballpoint pens, pencils, or nails).
  - Touching the touch screen with wet or dirty hands.
  - Placing any objects on the touch screen.
  - Do not attach a protective sheet on the touch screen. Removing it may damage the touch screen.

Tap

Touch lightly with your finger tip and immediately release.

Use to select an item or photo on the screen.
Touch

Touch lightly with your finger tip.

To move forward (or go back) menus or photos continuously, keep touching the forward (or back) mark.

Flick

Flick your finger on the screen up, down, left, or right.

Use to switch menus or move forward or backward through photos.

Drag

While lightly touching the screen, move your finger up, down, left, or right.

Use to view lists of items or move sliders.
Operations on the HOME Screen

Display the menu screen or the settings screen from the HOME screen.

C: Basic menu
Select to copy or scan using the operation panel. After selecting a basic menu, the particular menus are displayed.

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

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

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

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

  (Signal strength: 51 % or more): The problem such as the printer cannot print may occur according to the network status. We recommend placing the printer near the wireless router.
(Signal strength: 50 % or less): The problem such as the printer cannot print may occur.
Place the printer near the wireless router.

Wi-Fi is enabled but the printer is not connected to the wireless router.
Wired LAN is enabled.
Wireless Direct is enabled.
Wi-Fi and Wired LAN are disabled.

E: Wireless connect
Select to connect the printer to a smartphone/tablet over Wi-Fi through Easy wireless connect or via Bluetooth.
Tap this button to display a confirmation screen for starting a connection. Touch and hold this button to switch to the standby mode for Easy wireless connect or Bluetooth connection.
- Easy wireless connect
- Bluetooth settings

F: Setup
Displays the printer’s setting menus or the maintenance menus.
When there is an update notification or information from PIXMA/MAXIFY Cloud Link, NEW appears on this button.
- Firmware update
- Using PIXMA/MAXIFY Cloud Link

G: Hint
Displays quick guides about such procedures as loading paper and troubleshooting and such information as estimated ink level and system information.

Icons on Touch Screen
While operating on the touch screen, some icons are displayed on the touch screen.
Displays the HOME screen.

Returns the touch screen to the previous screen.

Starts black & white copying, scanning, etc.

Starts color copying, scanning, etc.

Cancels operation when print, copy, or scan job is in progress.
Changing Settings

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

- Changing the Print Options
- Registering a Frequently Used Printing Profile
- Setting the Ink Tank to be Used
- Managing the Printer Power
- Changing the Printer Operation Mode
Changing the Print Options

You can change the detailed printer driver settings for print data that is sent from an application software.
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.

1. Open the printer driver setup window

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

The Print Options dialog box opens.

3. Change the individual settings
   If necessary, change the setting of each item, and then click OK.
   The Page Setup tab is displayed again.
Registering a Frequently Used Printing Profile

You can register the frequently used printing profile to Commonly Used Settings on the Quick Setup tab. Unnecessary printing profiles can be deleted at any time.

Registering a Printing Profile

1. Open the printer driver setup window

2. Set the necessary items
   
   From Commonly Used Settings on the Quick Setup tab, select the printing profile to be used and if necessary, change the settings after Additional Features.
   
   You can also register necessary items on the Main and Page Setup tabs.

3. Click Save...

   The Save Commonly Used Settings dialog box opens.

4. Save the settings
   
   Enter a name in the Name field. If necessary, click Options..., set the items, and then click OK.
   
   In the Save Commonly Used Settings dialog box, click OK to save the print settings and return to the
Quick Setup tab.
The name and icon are displayed in Commonly Used Settings.

**Important**
- To save the page size, orientation, and number of copies that was set in each sheet, click Options..., and check each item.

**Note**
- When you re-install the printer driver or upgrade the printer driver version, the print settings that are already registered will be deleted from Commonly Used Settings.
  Registered print settings cannot be saved and preserved. If a profile is deleted, register the print settings again.

### Deleting Unnecessary Printing Profile

1. Select the printing profile to be deleted

   Select the printing profile you want to delete from the Commonly Used Settings list on the Quick Setup tab.

2. Delete the printing profile

   Click Delete. When the confirmation message appears, click OK.
   The selected printing profile is deleted from the Commonly Used Settings list.

**Note**
- Printing profiles that are registered in the initial settings cannot be deleted.
Setting the Ink Tank to be Used

This feature enables you to specify the most appropriate ink tank among installed ink tanks according to an intended use.

1. Open the printer driver setup window

2. Click Print Options... on the Page Setup tab
   The Print Options dialog box appears.

3. Select the ink tank to be used from Print With
   Select the ink tank to be used for printing and click OK.

4. Click OK on the Page Setup tab
   When you perform printing, the specified ink tank will be used.

**Important**

- When the following settings are specified, Only PGBK (Black) does not function because the printer uses an ink tank other than PGBK (Black) to print documents.
  - Other than Plain Paper, Envelope, Ink Jet Hagaki (A), Hagaki K (A), Hagaki (A), or Hagaki is selected for Media Type on the Main tab
  - Borderless is selected from the Page Layout list on the Page Setup tab
- Do not detach the ink tank that is not in use. Printing cannot be performed while either ink tank is detached.
Managing the Printer Power

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

### Power Off

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

1. Open Canon IJ Printer Assistant Tool

2. Execute power off
   - Click **Power Off**. When the confirmation message appears, click **OK**.
   - The printer power switches off.

### Auto Power

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

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

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

1. Open the Canon IJ Printer Assistant Tool

2. Make sure that the printer is on and then click **Auto Power**
   - The **Auto Power Settings** dialog box opens.

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

3. If necessary, complete the following settings:
   - **Auto Power On**
     - Specifying **Enable** from the list will turn the printer on upon receipt of print data.
   - **Auto Power Off**
     - Specify the time from the list. When this time lapses without any operations from the printer driver or the printer, the printer is turned off automatically.

4. Apply the settings
Click OK. When the confirmation message appears, click OK.

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

Note

- When the printer is turned off, the Canon IJ Status Monitor message varies depending on the Auto Power On setting.
  - When the setting is Enable, "Printer is standing by" is displayed.
  - When the setting is Disable, "Printer is offline" is displayed.
Changing the Printer Operation Mode

If necessary, switch between various modes of printer operation.

Custom Settings

1. Open the Canon IJ Printer Assistant Tool
2. Make sure that the printer is on, and then click Custom Settings
   The Custom Settings dialog box opens.

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

3. If necessary, complete the following settings:

   Detect a printable disc in the tray
   Detects whether a printable disc is loaded on the multi-purpose tray during disc label printing and displays a message if a disc is not loaded.
   Check this check box to print with detecting whether a printable disc is loaded.
   Uncheck this check box to print without detecting whether a printable disc is loaded.

   Important
   • If you leave this check box unchecked, the printer may print to the multi-purpose tray even if a printable disc is not loaded on the multi-purpose tray. Therefore, you should check this check box under normal circumstances.
   • If you load a printable disc that has already been printed onto the multi-purpose tray, the printer may detect that no printable disc is loaded on the multi-purpose tray. In this case, uncheck this check box.

   Prevent paper abrasion
   The printer can increase the gap between the print head and the paper during high-density printing to prevent paper abrasion.
   Check this check box to prevent paper abrasion.

   Align heads manually
   Usually, the Print Head Alignment function in the Canon IJ Printer Assistant Tool is set to automatic head alignment, but you can change it to manual head alignment.
   If the printing results of automatic print head alignment are not satisfactory, perform manual head alignment.
   Check this check box to perform the manual head alignment. Uncheck this check box to perform the automatic head alignment.

   Prevent paper jam
   Check this item only if A3 plain paper jams frequently near the paper exit.
Important

• When this function is used, it takes longer to print to A3 plain paper. Also the print quality may deteriorate.

Rotate 90 degrees left when orientation is [Landscape]

On the Page Setup tab, you can change the rotation direction of the Landscape in the Orientation.

To rotate the print data 90 degrees to the left during printing, select this item. To rotate the print data 90 degrees to the right during printing, clear this item.

Important

• Do not change this setting while the print job is displayed in the print wait list. Otherwise, characters may be omitted or the layout may become corrupt.

Don't detect mismatch of paper settings when printing from computer

When you print documents from your computer, the paper settings in the printer driver and the paper information registered on the printer do not match, this setting disables the message display and allows you to continue printing.

To disable detection of paper setting mismatches, select this check box.

Ink Drying Wait Time

You can set the length of the printer rest time until printing of the next page begins. Moving the slider to the right increases the pause time, and moving the slider to the left decreases the time.

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

Reducing the ink drying wait time speeds up printing.

4. Apply the settings

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

The printer operates with the modified settings hereafter.
Changing Settings from Operation Panel

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

This section describes the procedure to change the settings in the Device settings screen, taking the steps to specify Extended copy amount as an example.

1. Check that printer is turned on.

2. Select (Setup) on the HOME screen.

   ➡ Using the Operation Panel


   The Device settings screen is displayed.

4. Select a setting item to adjust.

   ![Device settings screen]

   The setting screen for the selected item is displayed.

5. Select a setting item.

   ![Print settings screen]

6. Select a setting to specify.
For more on setting items on the operation panel:

» Setting Items on Operation Panel
Setting Items on Operation Panel

Items for Printer

- Other device settings
- Language selection
- Web service setup
- ECO settings
- Quiet setting

Items for Paper/Printing

- Print settings
- Bluetooth settings
- PictBridge settings
- Feed settings

Items for Maintenance/Management

- LAN settings
- Firmware update
- Reset setting
- System information
Print settings

• **Prevent paper abrasion**
  Use this setting only if the print surface becomes smudged.

  ❯**Important**
  • Be sure to set this back to **OFF** after printing since it may result in lower printing speed or lower print quality.

• **Extended copy amount**
  Selects the amount of image that extends off the paper when printing in borderless (full).
  Slight cropping may occur at the edges since the copied image is enlarged to fill the whole page. You can change the width to be cropped from the borders of the original image as needed.

  ❯**Important**
  • This setting can be applied under the following conditions:
    • Performing borderless copying
    • **Borderless** is selected for **Border** when copying printed photos

  ❯**Note**
  • If printouts contain margins even though you are printing in Borderless, specifying **Extended amount: Large** for this setting may help solve the problem.

• **Adjust disc print area**
  You can adjust the disc printing area if the image is not aligned with the printable disc. You can adjust the printing area in increments of 0.003 inches/0.1 mm between -0.03 inches/-0.9 mm and +0.03 inches/+0.9 mm.

• **Auto photo fix setting**
  When **ON** is selected, you can select whether to print photos using the Exif information recorded in the image files when **Default** or **On** is selected in printing with a PictBridge (Wi-Fi) compliant device.
  
  * When **Default** is selected for the print setting on the PictBridge (Wi-Fi) compliant device, select **Auto photo fix** for **Photo fix** in **PictBridge settings**.

• **Adjust horizontal print position**
  Adjusts the print position when the left/right margins are not aligned.
  You can adjust the left/right margins in increments of 0.01 inch/0.1 mm between -0.12 inch/-3 mm and +0.12 inch/+3 mm centered on the horizontal center of the paper.

  ❯**Important**
  • For Letter-sized or Legal-sized paper, you can adjust the left/right margins between -0.06 inch/-1.5 mm and +0.06 inch/+1.5 mm even if you specify the value over 0.06 inch/1.5 mm.
LAN settings

- Wi-Fi
- Wireless Direct
- Wired LAN

Wi-Fi

When Wi-Fi is selected in the LAN settings screen, the network settings information of the printer when it is connected by Wi-Fi appears in the Wi-Fi setting list screen.

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

Printing Network Settings

Important

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

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

<table>
<thead>
<tr>
<th>Items</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection</td>
<td>Enabled (connected)/Enabled (disconnected)/Disabled</td>
</tr>
</tbody>
</table>
| Network name (SSID) | XXXXXXXXXXXXXXXXXXXXXXX  
                        | XXXXXXXXXXXXXXXXXXXXXXX (up to 32 characters)                           |
| Wi-Fi security      | Inactive/WEP(64bit)/WEP(128bit)/WPA-PSK(TKIP)/WPA-PSK(AES)/              |
                        | WPA2-PSK(TKIP)/WPA2-PSK(AES)                                            |
| Signal strength (%) | XXX                                                                     |
| IPv4 address        | XXX. XXX. XXX. XXX (12 characters)                                     |
| IPv4 subnet mask    | XXX. XXX. XXX. XXX (12 characters)                                     |
| IPv4 default gateway| XXX. XXX. XXX. XXX (12 characters)                                     |
| IPv6 link-local address | XXXX: XXXX: XXXX: XXXX:  
                          | XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)                           |
| MAC address (Wi-Fi) | XXX. XXX. XXX. XXX (12 characters)                                     |
| Printer name        | XXXXXXXXXXXXXXXXXXXXXXX (up to 15 characters)                          |
| Bonjour service name| XXXXXXXXXXXXXXXXXXXXXXX  
                        | XXXXXXXXXXXXXXXXXXXXXXX  
                        | XXXXXXXXXXXXXXXXXXXXXXX  
                        | XXXXXXXXXXXXXXXXXXXXXXX (up to 52 characters)                          |

("XX" represents alphanumeric characters.)

If Settings is selected in the Wi-Fi setting list screen, the following settings are available.

- Enable/disable Wi-Fi
  Enables/disables Wi-Fi.
• **Wi-Fi setup**

Selects the setup method for Wi-Fi connection.

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

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

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

- **Other connection types**
  - **Manual connect (adv.)**
    Select when you perform settings for Wi-Fi manually. You can specify multiple WEP keys.
  - **WPS (PIN code method)**
    Select when you perform settings for Wi-Fi using a wireless router supporting a Wi-Fi Protected Setup (WPS) PIN code method. Follow the on-screen instructions during setup.

• **Advanced setup**

For details on each setting item:

⇒ [Advanced setup](#)

---

### Wireless Direct

When *Wireless Direct* is selected in the **LAN settings** screen, the network settings information of the printer when it is connected by the Wireless Direct appears in the **Wireless Direct setting list** screen.

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

⇒ [Printing Network Settings](#)

---

**Important**

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

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

---

**Note**

- To show or hide the password, select **Show password/Hide password** in the **Wireless Direct setting list** screen.

<table>
<thead>
<tr>
<th>Items</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection</td>
<td>Enabled (connected)/Disabled</td>
</tr>
<tr>
<td>Network (SSID)/device name</td>
<td>DIRECT-XXXX-TS9500series</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Password</td>
<td>XXXXXXXXXXXXXX (10 characters)</td>
</tr>
<tr>
<td>Wi-Fi security</td>
<td>WPA2-PSK(AES)</td>
</tr>
<tr>
<td>No. of devices connected now</td>
<td>XX/XX</td>
</tr>
<tr>
<td>IPv4 address</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>IPv4 subnet mask</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>IPv4 default gateway</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>IPv6 link-local address</td>
<td>XXXX: XXXX: XXXX: XXXX: XXXX: XXXX: XXXX (32 characters)</td>
</tr>
<tr>
<td>MAC address (Wi-Fi)</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>Printer name</td>
<td>XXXXXXXXXXXXXXXXXXXXX (up to 15 characters)</td>
</tr>
<tr>
<td>Bonjour service name</td>
<td>XXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXXX (up to 52 characters)</td>
</tr>
</tbody>
</table>

("XX" represents alphanumeric characters.)

If Settings is selected in the Wireless Direct setting list screen, the following settings are available.

- Enable/disable Wireless Direct
  Enables/disables Wireless Direct.

- Change SSID/device name
  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
  Selecting Yes displays the confirmation screen when a Wi-Fi Direct compatible device is connecting the printer.

- Advanced setup
  For details on each setting item:
  ➔ Advanced setup

### Wired LAN

When Wired LAN is selected in the LAN settings screen, the network settings information of the printer when it is connected by wired LAN appears in the Wired LAN setting list screen.

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

 ➔ Printing Network Settings
Important

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

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

<table>
<thead>
<tr>
<th>Items</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection</td>
<td>Enabled (connected)/Enabled (disconnected)/Disabled</td>
</tr>
<tr>
<td>IPv4 address</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>IPv4 subnet mask</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>IPv4 default gateway</td>
<td>XXX. XXX. XXX. XXX (12 characters)</td>
</tr>
<tr>
<td>MAC address (Wired LAN)</td>
<td>XXXX:XX:XX:XX:XX (12 characters)</td>
</tr>
<tr>
<td>Printer name</td>
<td>XXXXXXXXXXXXXXXXXXX (up to 15 characters)</td>
</tr>
</tbody>
</table>
| Bonjour service name               | XXXXXXXXXXXXXXXXXXX
               | XXXXXXXXXXXXXXXXXXX
               | XXXXXXXXXXXXXXXXXXX
               | XXXXXXXXXXXXXXXXXXX (up to 52 characters)                              |

("XX" represents alphanumeric characters.)

If Settings is selected in the Wired LAN setting list screen, the following settings are available.

• Enable/disable Wired LAN
  Enables/disables wired LAN.

• Advanced setup
  For details on each setting item:
  ➔ Advanced setup

Advanced setup

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

➤➤ Note

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

• TCP/IP settings
  Performs IPv4 or IPv6 setting.

• WSD setting
  Setting items when you use WSD (one of the network protocols supported in Windows).
- **Enable/disable WSD**
  Selects whether WSD is enabled or disabled.

  >>> Note
  - When this setting is enabled, the printer icon is displayed on the Network Explorer in Windows.

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

- **WSD scan from this device**
  Selecting **Enable** allows you to transfer the scanned data to the computer using WSD. To transfer the scanned data, tap **Color**.

  >>> Note
  - When you forward the scanned data to the computer searched using WSD, you cannot select the document type.

- **Timeout setting**
  Specifies the timeout length.

- **Bonjour settings**
  Setting items for LAN using Bonjour for macOS.

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

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

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

- **LPR protocol setting**
  Enables/disables the LPR setting.

- **RAW protocol**
  Enables/disables RAW printing.

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

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

- **PictBridge communication**
  Setting items for printing from a PictBridge (Wi-Fi) compliant device.
- **Enable/disable communication**
  Selecting **Enable** allows you to print from a PictBridge (Wi-Fi) compliant device.

- **Timeout setting**
  Specifies the timeout length.

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

- **IPsec settings**
  Selecting **Enable** allows you to specify the IPsec security.
Other device settings

• **Date display format**

Changes the display format of dates when printed.

![Note]

- When ON is selected for **Print date** on the print settings screen in printing from a memory card, the date is printed in the date display format you selected.

  ➢ Setting Items for Photo Printing Using Operation Panel

• **Read/write attribute**

Selects whether to allow data to be written onto memory cards from a computer.

![Important]

- Remove the memory card before changing this setting.

  ➢ Setting Up Card Slot as Memory Card Drive of Computer

- If you set this setting to **Writable from USB PC**, you cannot print photos on a memory card using the operation panel of the printer. After you finish operation of the memory card dedicated drive, be sure to set it back to **Not writable from PC**. When you turn off the printer, **Writable from USB PC** will be canceled and the setting is returned to **Not writable from PC** when you turn on the printer next time.

- When **Writable from USB PC** is selected, the auto power off setting is inactive.

  For more on the auto power off setting:

  ➢ ECO settings

• **Sound control**

Selects the volume.

- **Keypad volume**

  Selects the beep volume when tapping the touch screen or the buttons on the operation panel.

- **Alarm volume**

  Selects the alarm volume.

• **Energy saving settings**

Allows you to turn on/off the printer automatically to save electricity.

- **Auto power off**

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

- **Auto power on**

  Selecting **ON** enables the printer to turn on automatically when a scanning command from a computer or printing data is sent to the printer.
Note

• You can also select this setting by selecting (Setup) on the HOME screen, selecting ECO, and then selecting Energy saving settings.

  ➤ ECO settings

• Document removal reminder

  Selects whether the printer will display the reminder screen in case you forget to remove the original from the platen after scanning.

Important

• Depending on the type of original or the state of the document cover, forgetting to remove the original may not be detected.
Language selection

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

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

• When you use this function, make sure the printer is connected to the Internet.

Note

• Only Check current version is available when Disable is selected for Enable/disable Wi-Fi of Wi-Fi and also for Enable/disable Wired LAN of Wired LAN in LAN settings.

• Install update

Performs the firmware update of the printer. If you select Yes, the firmware update starts. Follow the on-screen instructions to perform update.

Note

• If the firmware update is not complete, check the following and take an appropriate action.
  • Check the network settings.
  • If Cannot connect to the server. is displayed on the touch screen, select OK and try again after a while.

• Check current version

You can check the current firmware version.

• Update notification setting

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

• DNS server setup

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

• Proxy server setup

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

You can set the settings back to the default.

- **Web service setup only**
  Sets the Web service settings back to the default.

- **LAN settings only**
  Sets the LAN settings back to the default.

- **Settings only**
  Sets the settings such as the paper size or media type back to the default.

- **Reset all**
  Sets all settings you made to the printer back to the default. The administrator password specified by Remote UI or IJ Network Device Setup Utility reverts to the default setting.

Note

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

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

For details:

- Paper Settings

>>> Note

- For more on the proper combination of paper settings you can specify by the printer driver (Windows) or on the touch screen:
  - Paper Settings on the Printer Driver and the Printer (Media Type)
  - Paper Settings on the Printer Driver and the Printer (Paper Size)

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

- Cassette paper settings
  Registers the paper size and the media type you load in the cassette.

>>> Note

- Plain paper can only be loaded in the cassette.

- Detect paper setting mismatch

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

>>> Note

- When Disable is selected, the settings in Feed settings is disabled.
Web service setup

Select this setting item from Web service setup in (Setup).

• Web service usage registration/Web service usage cancellation
  Registers/Deletes Web service usage to use the printer device information to/from PIXMA/MAXIFY Cloud Link.

• Web service connection setup
  The following setting items are available.
  ◦ Google Cloud Print setup
    Registers/Deletes the printer to/from Google Cloud Print.
  ◦ IJ Cloud Printing Center setup
    Registers/Deletes the printer to/from Canon Inkjet Cloud Printing Center.
  ◦ Check Web service setup
    Make sure whether the printer is registered to Google Cloud Print or Canon Inkjet Cloud Printing Center.

• 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.
ECO settings

This setting allows you to use automatic duplex printing as a default to save paper and to turn on/off the printer automatically to save electricity.

- Using Power Saving Function
- Using Duplex Printing

Using Power Saving Function

Follow the procedure below to use power saving function.

1. Check that printer is turned on.

2. Select (Setup) on the HOME screen.

   - Using the Operation Panel

3. Select ECO.


5. Check on-screen instructions and select Next.

6. Specify settings as necessary.

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

   B: Selecting ON enables the printer to turn on automatically when a scanning command from a computer or printing data is sent to the printer.

Using Duplex Printing

Follow the procedure below to use duplex printing.
1. Check that printer is turned on.

2. Select (Setup) on the HOME screen. ➡️ Using the Operation Panel

3. Select ECO.

4. Select Two-sided printing setting.

5. Specify settings as necessary.

![Diagram showing two-sided printing settings]

A: Select two-sided copying as a default.
B: Select two-sided printing of template forms on the printer as a default.

>>> Note

- When duplex printing is selected, the icon is displayed on the setting items for duplex printing on each print settings screen.
Quiet setting

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

1. **Check that printer is turned on.**

2. Select (Setup) on the HOME screen.
   - Using the Operation Panel

3. Select **Quiet setting**.

4. Select **Use quiet mode**.

The confirmation screen is displayed and the icon appears as the **Quiet setting** menu icon.

Activate this setting to reduce the operating noise while printing is in progress.

**Important**

- Operating speed is reduced compared to when **Do not use quiet mode** is selected.
- This function may not be so effective depending on the printer's setting. Furthermore, certain noise, such as when the printer is preparing for printing, is not reduced.

**Note**

- You can set the quiet mode from the operation panel of the printer or the printer driver. No matter how you set the quiet mode, the mode is applied when you perform operations from the operation panel of the printer or printing and scanning from the computer.
- For Windows, you can set the quiet mode from ScanGear (scanner driver).
System information

To display this menu, select System information in (Hint).

• **Current version**
  Displays the current firmware version.

• **Printer name**
  Displays the printer name currently specified.

• **Serial number**
  Displays the printer serial number.

• **MAC address (Wi-Fi)**
  Displays the MAC address for Wi-Fi.

• **MAC address (Wired LAN)**
  Displays the MAC address for wired LAN.

• **Root cert. thumbprint (SHA-1)**
  Shows the root certification thumbprint (SHA-1) of the printer.

  ❯❯❯ **Note**
  • If the password is set to the printer, the password may be requested.

• **Root cert. thumbprint (SHA-256)**
  Shows the root certification thumbprint (SHA-256) of the printer.

  ❯❯❯ **Note**
  • If the password is set to the printer, the password may be requested.
## General Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printing resolution (dpi)</strong></td>
<td>4800* (horizontal) x 1200 (vertical)</td>
</tr>
<tr>
<td></td>
<td>* Ink droplets can be placed with a pitch of 1/4800 inch at minimum.</td>
</tr>
</tbody>
</table>

### Interface

**USB Port:**
- Hi-Speed USB *

**LAN Port:**
- Wired LAN: 100BASE-TX / 10BASE-T
- Wi-Fi: IEEE802.11n / IEEE802.11g / IEEE802.11b

**Card Slot:**
- Yes

* A computer that complies with Hi-Speed USB standard is required. Since the Hi-Speed USB interface is fully upwardly compatible with USB 1.1, it can be used at USB 1.1.

USB and LAN can be used at the same time.

Wi-Fi and wired LAN cannot be used at the same time.

### Print width

- 11.74 inches/298.0 mm
- (for Borderless Printing: 12.00 inches/304.8 mm)

### Printable area

**Borderless printing:** Top/Bottom/Left/Right margin: 0.0 inch (0.0 mm)

**Standard printing:**

- **Top margin:**
  - Square 4" x 4" 10 x 10 cm: 0.20 inch (5.0 mm)
  - Square 5" x 5" 13 x 13 cm: 0.24 inch (6.0 mm)
  - Other sizes: 0.12 inch (3.0 mm)

- **Bottom margin:**
  - Square 4" x 4" 10 x 10 cm: 0.20 inch (5.0 mm)
  - Square 5" x 5" 13 x 13 cm: 0.24 inch (6.0 mm)
  - Other sizes: 0.20 inch (5.0 mm)

- **Left margin:**
  - Letter/Legal: 0.26 inch (6.4 mm)
  - Square 4" x 4" 10 x 10 cm: 0.20 inch (5.0 mm)
  - Square 5" x 5" 13 x 13 cm: 0.24 inch (6.0 mm)
  - Other sizes: 0.14 inch (3.4 mm)

- **Right margin:**
  - Letter/Legal: 0.25 inch (6.3 mm)
  - Square 4" x 4" 10 x 10 cm: 0.20 inch (5.0 mm)
* For printable area of envelope, see below.

**Envelopes**

**Auto duplex printing:**

- Top margin: 0.20 inch (5.0 mm)
- Bottom margin: 0.20 inch (5.0 mm)
- Left margin:
  - Letter: 0.26 inch (6.4 mm)
  - Other sizes: 0.14 inch (3.4 mm)
- Right margin:
  - Letter: 0.25 inch (6.3 mm)
  - Other sizes: 0.14 inch (3.4 mm)

### Operating environment

<table>
<thead>
<tr>
<th>Temperature</th>
<th>41 to 95 °F (5 to 35 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>10 to 90 % RH (no condensation)</td>
</tr>
</tbody>
</table>
* The performance of the printer may be reduced under certain temperature and humidity conditions.  

Recommended conditions:

<table>
<thead>
<tr>
<th>Temperature</th>
<th>59 to 86 °F (15 to 30 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>10 to 80 % RH (no condensation)</td>
</tr>
</tbody>
</table>
* For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.

### Storage environment

<table>
<thead>
<tr>
<th>Temperature</th>
<th>32 to 104 °F (0 to 40 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>5 to 95 % RH (no condensation)</td>
</tr>
</tbody>
</table>

### Power supply

AC 100-240 V, 50/60 Hz  
(The supplied power cord is only for the country or region you purchased.)

### Power consumption

<table>
<thead>
<tr>
<th>Power consumption</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printing (Copy):</strong></td>
<td>14 W or less *1</td>
</tr>
<tr>
<td><strong>Standby (minimum):</strong></td>
<td>1.2 W or less <em>1</em>2</td>
</tr>
<tr>
<td><strong>OFF:</strong></td>
<td>0.3 W or less</td>
</tr>
</tbody>
</table>
*1 USB connection to PC  
*2 The wait time for standby cannot be changed.

### External dimensions

Approx. 18.5 (W) x 14.5 (D) x 7.6 (H) inches  
Approx. 468 (W) x 366 (D) x 193 (H) mm  
* With the Cassette and trays retracted.

### Weight

Approx. 21.3 lb (Approx. 9.7 kg)  
* With the Print Head and ink tanks installed.

### Print Head/Ink

Total 4096 nozzles (PgBK 1024 nozzles, Y/DyeBK each 512 nozzles, C/M each 1024 nozzles)
### ADF capacity

<table>
<thead>
<tr>
<th>A4 or Letter size</th>
<th>max. 20 sheets (20 lb/75 g/m² paper), up to 0.08 inch/2 mm in height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal size</td>
<td>max. 5 sheets (20 lb/75 g/m² paper), up to 0.02 inch/0.5 mm in height</td>
</tr>
</tbody>
</table>

### Copy Specifications

<table>
<thead>
<tr>
<th>Multiple copy</th>
<th>max. 99 pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensity adjustment</td>
<td>9 positions, Auto intensity (AE copy)</td>
</tr>
<tr>
<td>Reduction / Enlargement</td>
<td>25 % - 400 % (1 % unit)</td>
</tr>
</tbody>
</table>

### Scan Specifications

<table>
<thead>
<tr>
<th>Scanner driver</th>
<th>Windows: TWAIN 1.9 Specification, WIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum scanning size</td>
<td>A4/Letter, 8.5&quot; x 11.7&quot;/216 x 297 mm</td>
</tr>
<tr>
<td>Optical resolution (horizontal x vertical)</td>
<td>1200 x 2400 dpi *</td>
</tr>
<tr>
<td><strong>Gray</strong>: 16 bit/8 bit</td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong>: RGB each 16 bit/8 bit</td>
<td></td>
</tr>
</tbody>
</table>

### Network Specifications

<table>
<thead>
<tr>
<th>Communication protocol</th>
<th>TCP/IP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wired LAN</td>
<td>Supported Standards: IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T)</td>
</tr>
<tr>
<td></td>
<td>Transfer speed: 10 M/100 Mbps (auto switching)</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b</td>
</tr>
<tr>
<td></td>
<td>Frequency bandwidth: 2.4 GHz</td>
</tr>
<tr>
<td></td>
<td>Channel: 1-11 or 1-13</td>
</tr>
<tr>
<td></td>
<td>* Frequency bandwidth and available channels differ depending on country or region.</td>
</tr>
<tr>
<td></td>
<td>Communication distance: Indoors 164 feet/50 m</td>
</tr>
<tr>
<td></td>
<td>* Effective range varies depending on the installation environment and location.</td>
</tr>
<tr>
<td></td>
<td>Security:</td>
</tr>
<tr>
<td></td>
<td>WEP (64/128 bits)</td>
</tr>
<tr>
<td></td>
<td>WPA-PSK (TKIP/AES)</td>
</tr>
<tr>
<td></td>
<td>WPA2-PSK (TKIP/AES)</td>
</tr>
<tr>
<td></td>
<td>Setup:</td>
</tr>
<tr>
<td></td>
<td>WPS (Push button configuration/PIN code method)</td>
</tr>
<tr>
<td>Minimum System Requirements</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>Conform to the operating system's requirements when higher than those given here.</td>
<td></td>
</tr>
</tbody>
</table>

### Windows

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Windows 10, Windows 8.1, Windows 7 SP1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note:</td>
<td>Operation can only be guaranteed on a PC with pre-installed Windows 7 or later.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hard Disk Space</th>
<th>3.0 GB or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note:</td>
<td>For bundled software installation.</td>
</tr>
<tr>
<td>The necessary amount of hard disk space may be changed without notice.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Display</th>
<th>XGA 1024 x 768</th>
</tr>
</thead>
</table>

### macOS

<table>
<thead>
<tr>
<th>Operating System</th>
<th>OS X 10.10.5 - OS X 10.11, macOS 10.12 - macOS 10.13</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hard Disk Space</th>
<th>1.5 GB or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note:</td>
<td>For bundled software installation.</td>
</tr>
<tr>
<td>The necessary amount of hard disk space may be changed without notice.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Display</th>
<th>XGA 1024 x 768</th>
</tr>
</thead>
</table>

### Other Supported OS

- iOS, Android, Windows 10 Mobile

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

### Mobile Printing Capability

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

- Internet connection or CD-ROM drive is required to install the software for Windows.
• Internet connection is required to use Easy-WebPrint EX and/or Easy-PhotoPrint Editor and all the user's guide.

• Easy-WebPrint EX: Internet Explorer 8, 9, 10 and 11 (for Windows) is required.

• Windows: Some functions may not be available with Windows Media Center.

• Windows: The TWAIN driver (ScanGear) is based on the TWAIN 1.9 Specification and requires the Data Source Manager bundled with the operating system.

• macOS: For macOS, an internet connection is required during software installation.

• In an in-house network environment, the 5222 port must be open. Contact the network administrator for details.

Information in this manual is subject to change without notice.
Information about Paper

- Supported Media Types
  - Paper Load Limit
- Unsupported Media Types
- Handling Paper
Supported Media Types

For best results, choose paper designed for how you are printing. A variety of paper for documents as well as photos or illustrations is available from Canon. Use genuine Canon paper to print important photos, when possible.

Media Types

Genuine Canon paper

Note

- For warnings on use of the non-printable side, see each product's usage information.
- For details on page sizes and media types, access the Canon website.
- Genuine Canon paper is not available in some countries or regions. Note that in the United States, Canon paper is not sold by model number. Instead, purchase paper by name.

Paper for printing documents:

- Canon Red Label Superior <WOP111>
- Canon Océ Office Colour Paper <SAT213>
- High Resolution Paper <HR-101N>*1

Paper for printing photos:

- Photo Paper Pro Platinum <PT-101>
- Glossy Photo Paper "Everyday Use" <GP-501>
- Photo Paper Glossy <GP-701>
- Photo Paper Plus Glossy II <PP-201/PP-301>
- Photo Paper Pro Luster <LU-101>
- Photo Paper Plus Semi-gloss <SG-201>
- Matte Photo Paper <MP-101>

Paper other than genuine Canon paper

- Plain Paper (including recycled paper)
- Envelopes*1
- T-Shirt Transfers*1
- Greeting Card*1
- Card Stock*1

*1 Printing to this paper from the operation panel or from a PictBridge (Wi-Fi) compliant device is not supported.

- Paper Load Limit
- Paper Settings on the Printer Driver and the Printer (Media Type) (Windows)
• When printing photos saved on a PictBridge (Wi-Fi) compliant device, you must specify the page size and media type.

Printing from Digital Camera

Page Sizes

You can use the following page sizes.

Note

• Page sizes and media types the printer supports differ depending on the OS you are using.

Standard sizes:

• Letter
• Legal
• 11"x17" (28x43cm)
• A5
• A4
• A3
• B5
• KG/4"x6" (10x15)
• 5"x7" (13x18cm)
• 7"x10" (18x25cm)
• 8"x10" (20x25cm)
• 10"x12" (25x30cm)
• L (89x127mm)
• 2L (127x178mm)
• Square 4"
• Square 5"
• 12"x12" (30x30cm)
• Hagaki
• Hagaki 2
• Envelope Com 10
• Envelope DL
• Nagagata 3
• Nagagata 4
• Yougata 4
• Yougata 6
- Card 2.17”x3.58”

**Special sizes**

Special page sizes must be within the following limits:

- **rear tray**
  - Minimum size: 2.17 x 3.51 inches (55.0 x 89.0 mm)
  - Maximum size: 8.50 x 26.61 inches (215.9 x 676.0 mm)

- **cassette**
  - Minimum size: 5.83 x 8.27 inches (148.0 x 210.0 mm)
  - Maximum size: 8.50 x 11.69 inches (215.9 x 297.0 mm)

**Paper Weight**

You can use paper in the following weight range.

- 17 to 28 lb (64 to 105 g /m²) (plain paper other than genuine Canon paper)
### Paper Load Limit

#### Genuine Canon Paper

**Paper for printing documents:**

<table>
<thead>
<tr>
<th>Media Name &lt;Model No.&gt;</th>
<th>Rear Tray</th>
<th>Cassette</th>
<th>Paper Output Tray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canon Red Label Superior &lt;WOP111&gt;</td>
<td>Approx. 100 sheets</td>
<td>Approx. 100 sheets</td>
<td>Approx. 50 sheets</td>
</tr>
<tr>
<td>Canon Océ Office Colour Paper &lt;SAT213&gt;</td>
<td>Approx. 80 sheets</td>
<td>Approx. 80 sheets</td>
<td>Approx. 50 sheets</td>
</tr>
<tr>
<td>High Resolution Paper &lt;HR-101N&gt;*1</td>
<td>Approx. 80 sheets (B4: 50 sheets, A3: 20 sheets)</td>
<td>N/A</td>
<td>Approx. 20 sheets</td>
</tr>
</tbody>
</table>

**Paper for printing photos:**

<table>
<thead>
<tr>
<th>Media Name &lt;Model No.&gt;</th>
<th>Rear Tray</th>
<th>Paper Output Tray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photo Paper Pro Platinum &lt;PT-101&gt;*2</td>
<td>A4, Letter, A3, 8” x 10” (20 x 25 cm): 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td></td>
<td>4” x 6” (10 x 15 cm): 20 sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10” x 12” (25 x 30 cm): 1 sheet</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4” x 6” (10 x 15 cm): 20 sheets</td>
<td></td>
</tr>
<tr>
<td>Photo Paper Glossy &lt;GP-701&gt;*2</td>
<td>A4, Letter, A3: 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td></td>
<td>4” x 6” (10 x 15 cm): 20 sheets</td>
<td></td>
</tr>
<tr>
<td>Photo Paper Plus Glossy II &lt;PP-201/PP-301&gt;*2</td>
<td>A4, Letter, A3, 5” x 7” (13 x 18 cm), 8” x 10” (20 x 25 cm): 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td></td>
<td>4” x 6” (10 x 15 cm), Square 4” x 4” 10 x 10 cm, Square 5” x 5” 13 x 13 cm: 20 sheets</td>
<td></td>
</tr>
<tr>
<td>Photo Paper Pro Luster &lt;LU-101&gt;*2</td>
<td>A4, Letter, A3: 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Photo Paper Plus Semi-gloss &lt;SG-201&gt;*2</td>
<td>A4, Letter, A3, 5” x 7” (13 x 18 cm), 8” x 10” (20 x 25 cm): 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td></td>
<td>4” x 6” (10 x 15 cm): 20 sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10” x 12” (25 x 30 cm): 1 sheet</td>
<td></td>
</tr>
<tr>
<td>Matte Photo Paper &lt;MP-101&gt;</td>
<td>A4, Letter, A3: 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td></td>
<td>4” x 6” (10 x 15 cm): 20 sheets</td>
<td></td>
</tr>
</tbody>
</table>
## Paper other than Genuine Canon Paper

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Rear Tray</th>
<th>Cassette</th>
<th>Paper Output Tray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plain Paper (including recycled paper)*1</td>
<td>Approx. 100 sheets (Legal, 11&quot; x 17&quot; (28 x 43 cm), A3, B4: 50 sheets)</td>
<td>Approx. 100 sheets</td>
<td>Approx. 50 sheets (Legal, 11&quot; x 17&quot; (28 x 43 cm), A3, B4: 10 sheets)</td>
</tr>
<tr>
<td>Envelopes</td>
<td>10 envelopes</td>
<td>N/A</td>
<td>*3</td>
</tr>
<tr>
<td>T-Shirt Transfers</td>
<td>A4: 1 sheet</td>
<td>N/A</td>
<td>*3</td>
</tr>
<tr>
<td>Greeting Card</td>
<td>Letter, 7&quot; x 10&quot; (18 x 25 cm): 1 sheet</td>
<td>N/A</td>
<td>*3</td>
</tr>
<tr>
<td>Card Stock</td>
<td>A4, Letter, 12&quot; x 12&quot; (30 x 30 cm): 1 sheet</td>
<td>N/A</td>
<td>*3</td>
</tr>
</tbody>
</table>

*1 Normal feeding at maximum capacity may not be possible with some types of paper, or under very high or low temperature or humidity. In this case, load half the amount of paper or less.

*2 Feeding from a loaded stack of paper may leave marks on the printed side or prevent efficient feeding. In this case, load one sheet at a time.

*3 For best results in continuous printing, remove printed paper or envelopes from the paper output tray to avoid smearing or discoloration.
Unsupported Media Types

Do not use the following types of paper. Using such paper will cause not only unsatisfactory results, but also
the printer to jam or malfunction.

- Folded, curled, or wrinkled paper
- Damp paper
- Paper that is too thin (weighing less than 17 lb (64 g /m²))
- Paper that is too thick (plain paper weighing more than 28 lb (105 g /m²), except for Canon genuine paper)
- Paper thinner than a postcard, including plain paper or notepad paper cut to a small size (when printing on paper smaller than A5)
- Picture postcards
- Postcards
- Envelopes with a double flap
- Envelopes with an embossed or treated surface
- Envelopes whose gummed flaps are already moistened and adhesive
- Any type of paper with holes
- Paper that is not rectangular
- Paper bound with staples or glue
- Paper with an adhesive surface on the back such as label seal
- Paper decorated with glitter, etc.
Handling Paper

• Be careful not to rub or scratch the surfaces of any types of paper when handling.

• Hold the paper as closely as possible to its edges and try not to touch the printing surface. The print quality may be degraded if the printing surface is smudged with sweat or oil that comes from your hands.

• Do not touch the printed surface until the ink is dried. Even when the ink is dried, be careful not to touch the printed surface as much as possible when handling. Due to the nature of the pigment ink, the ink on the printed surface may be removed when being rubbed or scratched.

• Take out only the necessary number of paper from the package, just before printing.

• To avoid curling, when you do not print, put unused paper back into the package and keep it on a level surface. And also, store it avoiding heat, humidity, and direct sunlight.
Printing

Printing from Computer

Printing from Smartphone/Tablet

Printing Using Operation Panel

Printing from Digital Camera

Paper Settings
Printing from Computer

- Printing from Application Software (Windows Printer Driver)
- Printing from Application Software (macOS AirPrint)
- Printing Using Canon Application Software
- Printing Using a Web Service
Printing from Application Software (Windows Printer Driver)

- Basic Printing Setup
- Various Printing Methods
- Changing the Print Quality and Correcting Image Data
- Overview of the Printer Driver
- Printer Driver Description
- Updating the MP Drivers
Basic Printing Setup

This section describes settings on the **Quick Setup tab** used for basic printing.

**Basic Printing Setup**

1. Check that printer is turned on

2. Load paper in printer

3. Open printer driver's setup screen

4. Select frequently used settings

   On the **Quick Setup** tab, use **Commonly Used Settings** to select from predefined print settings. When you select a print setting, the settings for **Additional Features**, **Media Type**, and **Printer Paper Size** automatically switch to the predefined values.

   ![Printer Setup Screen](image)

5. Select print quality

   For **Print Quality**, select from **High**, **Standard**, or **Draft**.
Important

- The print quality selections will differ depending on which print setting you select.

6. Select paper source

For Paper Source, select Automatically Select, Rear Tray, or Cassette, whichever matches your purpose.

Important

- The paper source settings that can be selected may differ depending on the paper type and size.
7. Click OK

The printer will now print using these settings.

**Important**

- When you select **Always Print with Current Settings**, the settings on the Quick Setup, Main, and Page Setup tabs are saved, and those settings are used in subsequent printings.
- To register the current settings as a new preset, click **Save...** under Commonly Used Settings.

**Note**

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error may occur. For instructions on what to do if an error occurs, see "Paper Settings."

To check the current printer settings or to apply the printer settings to the printer driver, display the Quick Setup tab, click **Printer Media Information...**, and specify the settings in the dialog box that appears.

For details about the paper information to be registered on the printer, see the following:

- Paper Settings on the Printer Driver and the Printer (Media Type)
- Paper Settings on the Printer Driver and the Printer (Paper Size)

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

1. Open printer driver setup window

2. On Quick Setup tab, click **Printer Media Information...**
   
   The **Printer Media Information** dialog box appears.

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

4. **Apply settings**

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

#### Note

- If the Type on the printer is set to Ink Jet Hagaki, Hagaki K, or Hagaki, or if the Page size on the printer is set to 2L/5"x7"(13x18), click **Set** to display the dialog box. Select the media type and paper size that match your purpose, and then click **OK**.
- If the Type and the Page size on the printer are not set or are set to Others, **Set** will be grayed out and cannot be clicked.
- If communication with the printer is disabled, the **Printer Media Information**... dialog box will not appear or the printer driver will not be able to obtain printer media information.
When you use this printer, selecting a media type and paper size that matches the print purpose will help you achieve the best print results.
You can use the following media types on this printer.

### Canon genuine papers (Document Printing)

<table>
<thead>
<tr>
<th>Media name &lt;Model No.&gt;</th>
<th>Media Type in the printer driver</th>
<th>Paper information registered on the printer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canon Red Label Superior &lt;WOP111&gt;</td>
<td>Plain Paper</td>
<td>Plain paper</td>
</tr>
<tr>
<td>Canon Océ Office Colour Paper &lt;SAT213&gt;</td>
<td>Plain Paper</td>
<td>Plain paper</td>
</tr>
</tbody>
</table>

### Canon genuine papers (Photo Printing)

<table>
<thead>
<tr>
<th>Media name &lt;Model No.&gt;</th>
<th>Media Type in the printer driver</th>
<th>Paper information registered on the printer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photo Paper Pro Platinum &lt;PT-101&gt;</td>
<td>Photo Paper Pro Platinum</td>
<td>Pro Platinum</td>
</tr>
<tr>
<td>Photo Paper Pro Luster &lt;LU-101&gt;</td>
<td>Photo Paper Pro Luster</td>
<td>Pro Luster</td>
</tr>
<tr>
<td>Glossy Photo Paper &quot;Everyday Use&quot; &lt;GP-501&gt;</td>
<td>Glossy Photo Paper</td>
<td>Glossy</td>
</tr>
<tr>
<td>Photo Paper Glossy &lt;GP-701&gt;</td>
<td>Glossy Photo Paper</td>
<td>Glossy</td>
</tr>
<tr>
<td>Matte Photo Paper &lt;MP-101&gt;</td>
<td>Matte Photo Paper</td>
<td>Matte</td>
</tr>
</tbody>
</table>

### Canon genuine papers (Business Letter Printing)

<table>
<thead>
<tr>
<th>Media name &lt;Model No.&gt;</th>
<th>Media Type in the printer driver</th>
<th>Paper information registered on the printer</th>
</tr>
</thead>
</table>

### Commercially available papers

<table>
<thead>
<tr>
<th>Media name</th>
<th>Media Type in the printer driver</th>
<th>Paper information registered on the printer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plain Paper (including recycled paper)</td>
<td>Plain Paper</td>
<td>Plain paper</td>
</tr>
<tr>
<td>Category</td>
<td>Subcategory</td>
<td>Subcategory</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Envelopes</td>
<td>Envelope</td>
<td>Envelope</td>
</tr>
<tr>
<td>T-Shirt Transfers</td>
<td>T-Shirt Transfers</td>
<td>Others</td>
</tr>
<tr>
<td>Greeting Cards</td>
<td>Inkjet Greeting Card</td>
<td>Others</td>
</tr>
<tr>
<td>Card stock</td>
<td>Card stock</td>
<td>Card stock</td>
</tr>
</tbody>
</table>
Paper Settings on the Printer Driver and the Printer (Paper Size)

When you use this printer, selecting a paper size that matches the print purpose will help you achieve the best print results.

You can use the following paper sizes on this printer.

<table>
<thead>
<tr>
<th>Printer Paper Size in the printer driver</th>
<th>Cassette paper information registered on the printer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter 8.5”x11” 22x28cm</td>
<td>Letter</td>
</tr>
<tr>
<td>Legal 8.5”x14” 22x36cm</td>
<td>Legal</td>
</tr>
<tr>
<td>11”x17” 279.4x431.8mm</td>
<td>11”x17”(28x43cm)</td>
</tr>
<tr>
<td>A5</td>
<td>A5</td>
</tr>
<tr>
<td>A4</td>
<td>A4</td>
</tr>
<tr>
<td>A3</td>
<td>A3</td>
</tr>
<tr>
<td>B5</td>
<td>B5</td>
</tr>
<tr>
<td>B4</td>
<td>B4</td>
</tr>
<tr>
<td>4”x6” 10x15cm</td>
<td>KG/4”x6”(10x15)</td>
</tr>
<tr>
<td>5”x7” 13x18cm</td>
<td>2L/5”x7”(13x18)</td>
</tr>
<tr>
<td>7”x10” 18x25cm</td>
<td>7”x10”(18x25cm)</td>
</tr>
<tr>
<td>8”x10” 20x25cm</td>
<td>8”x10”(20x25cm)</td>
</tr>
<tr>
<td>10”x12” 25x30cm</td>
<td>10”x12”(25x30cm)</td>
</tr>
<tr>
<td>L 89x127mm</td>
<td>L(89x127mm)</td>
</tr>
<tr>
<td>2L 127x178mm</td>
<td>2L/5”x7”(13x18)</td>
</tr>
<tr>
<td>Square 4”x4” 10x10cm</td>
<td>Square 4”</td>
</tr>
<tr>
<td>Square 5”x5” 13x13cm</td>
<td>Square 5”</td>
</tr>
<tr>
<td>Square 12”x12” 30x30cm</td>
<td>12”x12”(30x30cm)</td>
</tr>
<tr>
<td>Hagaki 100x148mm</td>
<td>Hagaki</td>
</tr>
<tr>
<td>Hagaki 2 200x148mm</td>
<td>Hagaki 2</td>
</tr>
<tr>
<td>Envelope Com 10</td>
<td>Envelope Com 10</td>
</tr>
<tr>
<td>Envelope DL</td>
<td>Envelope DL</td>
</tr>
<tr>
<td>Nagagata 3 4.72”x9.25”</td>
<td>Nagagata 3</td>
</tr>
<tr>
<td>Nagagata 4 3.54&quot;x8.07&quot;</td>
<td>Nagagata 4</td>
</tr>
<tr>
<td>----------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Yougata 4 4.13&quot;x9.25&quot;</td>
<td>Yougata 4</td>
</tr>
<tr>
<td>Yougata 6 3.86&quot;x7.48&quot;</td>
<td>Yougata 6</td>
</tr>
<tr>
<td>Card 2.17&quot;x3.58&quot; 55x91mm</td>
<td>Card 2.17&quot;x3.58&quot;</td>
</tr>
<tr>
<td>Custom Size</td>
<td>Others</td>
</tr>
</tbody>
</table>
Various Printing Methods

- Setting a Page Size and Orientation
- Setting the Number of Copies and Printing Order
- Execute Borderless Printing
- Scaled Printing
- Page Layout Printing
- Tiling/Poster Printing
- Duplex Printing
- Setting Up Envelope Printing
- Printing on Postcards
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:

You can also set page size and orientation on the Quick Setup tab.

1. Open the printer driver setup window

2. Select the paper size

   Select a page size from the Page Size list on the Page Setup tab.

   ![Printer Driver Setup Window](image)

3. Set Orientation

   Select Portrait or Landscape for Orientation. Check Rotate 180 degrees check box when you want to perform printing with the original being rotated 180 degrees.

4. Click OK

   When you execute print, the document will be printed with the selected page size and the orientation.

**Note**

- If Normal-size is selected for Page Layout, then Automatically reduce large document that the printer cannot output is displayed.

  Normally, you can leave the check box checked. During printing, if you do not want to reduce large documents that cannot be printed on the printer, uncheck the check box.
**Setting the Number of Copies and Printing Order**

You can also set the number of copies on the **Quick Setup** tab.

1. Open the **printer driver setup window**

2. Specify the number of copies to be printed

   For **Copies** on the **Page Setup** tab, specify the number of copies to be printed.

3. Specify the print order

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

   Check the **Collate** check box when you are printing multiple copies of a document and want to print out all pages in each copy together. Uncheck this check box when you want to print all pages with the same page number together.

   - **Print from Last Page**: 
     - On: 
     - Off:

   - **Collate**: 
     - On: 
     - Off:
• Print from Last Page: ☑/Collate: ☑

4. 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.
- **Print from Last Page** appears grayed out and is unavailable when **Tiling/Poster** is selected for **Page Layout**.
- When **Booklet** is selected for **Page Layout**, **Print from Last Page** and **Collate** appear grayed out and cannot be set.
- When **Duplex Printing** is selected, **Print from Last Page** appears grayed out and cannot be set.

**Note**

- By setting both **Print from Last Page** and **Collate**, you can perform printing so that papers are collated one by one starting from the last page.

These settings can be used in combination with **Normal-size**, **Borderless**, **Fit-to-Page**, **Scaled**, and **Page Layout**.
Execute Borderless Printing

The borderless printing function allows you to print data without any margin by enlarging the data so that it extends slightly off the paper. In standard printing, margins are created around the document area. However, in borderless printing function, these margins are not created. When you want to print data such as a photo without providing any margin around it, set borderless printing.

You can also set borderless printing in **Additional Features** on the **Quick Setup** tab.

### Setting Borderless Printing

1. Open the **printer driver setup window**

2. Set borderless printing

   Select **Borderless** from the **Page Layout** list on the **Page Setup** tab.

   ![Borderless Printing Settings](image)

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

   When a message prompting you to change the media type appears, select a media type from the list and click **OK**.
3. Check the paper size

Check the **Page Size** list. When you want to change it, select another page size from the list. The list displays only sizes that can be used for borderless printing.

4. Adjust the amount of extension from the paper

If necessary, adjust the amount of extension using the **Amount of Extension** slider. Moving the slider to the right increases the amount extending off the paper, and moving the slider to the left decreases the amount. It is recommended to set the slider at the second position from the right for most cases.

![Amount of Extension slider](image)

**Important**

- When the **Amount of Extension** slider is set to the rightmost position, the back side of the paper may become smudged.

5. Click **OK**

When you execute print, the data is printed without any margins on the paper.

**Important**

- When a page size that cannot be used for borderless printing is selected, the size is automatically changed to the valid page sizes for borderless printing.
- When **Borderless** is selected, the **Printer Paper Size**, **Duplex Printing**, **Stapling Side** settings, and the **Stamp/Background...** button on the **Page Setup** tab appear grayed out and are unavailable.
- When **Envelope**, **High Resolution Paper**, or **T-Shirt Transfers** is selected from the **Media Type** list on the **Main** tab, you cannot perform borderless printing.
- Depending on the type of the media used during borderless printing, the print quality may deteriorate at the top and bottom of the sheet or stains may form.
- When the ratio of the height to the width differs from the image data, a portion of the image may not be printed depending on the size of the media used. In this case, crop the image data with an application software according to the paper size.

**Note**

- When **Plain Paper** is selected for **Media Type** on the **Main** tab, borderless printing is not recommended. Therefore, the message for media selection appears. When you are using plain paper for test printing, select **Plain Paper**, and click **OK**.

**Expanding the Range of the Document to Print**

Setting a large amount of extension allows you to perform borderless printing with no problems. However, the portion of the document extending off the paper range will not be printed and for this reason, the subjects around the perimeter of a photo may not be printed.

When you are not satisfied with the result of borderless printing, reduce the amount of extension. The extension amount decreases as the **Amount of Extension** slider is moved to the left.
Important

- When the amount of extension is decreased, an unexpected margin may be produced on the print, depending on the size of the paper.

Note

- When the Amount of Extension slider is set to the leftmost position, image data will be printed in the full size. If you set this when printing the address side of a postcard, the postal code of the sender is printed in the correct position.
- When Preview before printing is checked on the Main tab, you can confirm whether there will be no margin before printing.
1. Open the printer driver setup window

2. Set scaled printing

   Select **Scaled** from the **Page Layout** list on the **Page Setup** tab.

3. Select the paper size of the document

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

4. Set the scaling rate by using one of the following methods:

   - Select a **Printer Paper Size**

     When the printer paper size is smaller than the **Page Size**, the page image will be reduced. When the printer paper size is larger than the **Page Size**, the page image will be enlarged.
• Specify a scaling factor

Directly type in a value into the **Scaling** box.

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

**5. Click OK**

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

**Important**

• When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the printer driver.
Note

- Selecting Scaled changes the printable area of the document.
Page Layout Printing

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

1. Open the **printer driver setup window**

2. Set page layout printing

   Select **Page Layout** from the **Page Layout** list on the **Page Setup** tab.
   The current settings are displayed in the settings preview on the left side of the printer driver.

3. Select the print paper size

   Select the size of the paper loaded in the printer from the **Printer Paper Size** list.

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

   If necessary, click **Specify...**, specify the following settings in the **Page Layout Printing** dialog box, and click **OK**.
Page Layout
To change the number of pages to be printed on a single sheet of paper, select the number of pages from the list.

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

Page Border
To print a page border around each document page, check this check box.

5. Complete the setup

Click OK on the Page Setup tab.
When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.
Tiling/Poster Printing

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.

Setting Tiling/Poster Printing

1. Open the printer driver setup window

2. Set tiling/poster printing

   Select Tiling/Poster from the Page Layout list on the Page Setup tab. The current settings are displayed in the settings preview on the left side of the printer driver.

3. Select the print paper size

   Select the size of the paper loaded in the printer from the Printer Paper Size list.
4. Set the number of image divisions and the pages to be printed

If necessary, click Specify..., specify the following settings in the Tiling/Poster Printing dialog box, and then click OK.

**Image Divisions**
Select the number of divisions (vertical x horizontal).
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.

**Print "Cut/Paste" in margins**
To leave out words "Cut" and "Paste", uncheck this check box.

**Note**
- This feature may be unavailable when certain printer drivers or operating environments are used.

**Print "Cut/Paste" lines in margins**
To leave out cut lines, uncheck this check box.

**Print page range**
Specifies the printing range. Select All under normal circumstances.
To reprint only a specific page, select Pages and enter the page number you want to print. To specify multiple pages, enter the page numbers by separating them with commas or by entering a hyphen between the page numbers.

**Note**
- You can also specify the print range by clicking the pages in the settings preview.

5. Complete the setup

Click OK on the Page Setup tab.
When you execute print, the document will be divided into several pages during printing.

---

**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. Set the print range
In the settings preview on the left of the Page Setup tab, click the pages that do not need to be printed. The pages that were clicked are deleted, and only the pages to be printed are displayed.

![Page Setup Tab](image)

**Note**
- Click the deleted pages to display them again.
- Right-click the settings preview to select Print all pages or Delete all pages.

2. **Complete the setup**

   After completing the page selection, click OK. When you execute print, only specified pages will be printed.

**Important**
- Since tiling/poster printing enlarges the document when printing it, the print results may become coarse.
Duplex Printing

You can also set duplex printing in Additional Features on the Quick Setup tab.

Performing Automatic Duplex Printing

You can perform the duplex printing without having to turn over the paper.

1. Open the printer driver setup window

2. Set automatic duplex printing

   Check the Duplex Printing check box on the Page Setup tab and confirm that Automatic is checked.

3. Select the layout

   Select Normal-size, Fit-to-Page, Scaled, or Page Layout from the Page Layout list.

4. Set the print area

   When you perform duplex printing, the print area of the document becomes slightly narrower than usual and the document may not fit on one page.
   
   Click Print Area Setup..., select one of the following process methods, and then click OK.
Use normal-size printing
Print without reducing the page.

Use reduced printing
Reduce the page slightly during printing.

5. Specify the side to be stapled
The best Stapling Side is selected automatically from the Orientation and Page Layout settings. To change the setting, select another stapling side from the list.

6. Set the margin width
If necessary, click Specify Margin... and set the margin width, and then click OK.

7. Complete the setup
Click OK on the Page Setup tab.
When you execute print, duplex printing will be started.

Performing Duplex Printing Manually
You can perform the duplex printing manually.

1. Open the printer driver setup window

2. Set duplex printing
Check the Duplex Printing check box and uncheck the Automatic check box on the Page Setup tab.
3. Select the layout

Select Normal-size, Fit-to-Page, Scaled, or Page Layout from the Page Layout list.

4. Specify the side to be stapled

The best Stapling Side is selected automatically from the Orientation and Page Layout settings. To change the setting, select another stapling side from the list.

5. Set the margin width

If necessary, click Specify Margin... and set the margin width, and then click OK.

6. Complete the setup

Click OK on the Page Setup tab.
When you execute print, the document is first printed on one side of a sheet of paper. After one side is printed, reload the paper correctly according to the message.
Then click Start Printing to print the opposite side.

**Important**

- When a media type other than Plain Paper, Ink Jet Hagaki (A), Hagaki K (A), Hagaki (A), or Hagaki is selected from the Media Type list on the Main tab, Duplex Printing appears grayed out and is unavailable.
- When Borderless, Tiling/Poster, or Booklet is selected from the Page Layout list, Duplex Printing and Stapling Side appear grayed out and are unavailable.
- Duplex Printing can be performed only when one of the following paper sizes is selected from Page Size on the Page Setup tab.
  - Letter 8.5"x11" 22x28cm, A5, A4, B5, Hagaki 100x148mm
• After printing the front page, there is an ink drying wait time before starting to print the back page (Operation stops temporarily). Do not touch the paper during this time. You can change the ink drying wait time at Custom Settings in the Canon IJ Printer Assistant Tool.

• When you use the automatic duplex printing function to print a postcard, print the address side first and then print the message side.

**Related Topic**

- Changing the Printer Operation Mode
Setting Up Envelope Printing

1. Load envelope on the printer

2. Open the printer driver setup window

3. Select the media type

   Select Envelope from Commonly Used Settings on the Quick Setup tab.

4. Select the paper size

   When the Envelope Size Setting dialog box is displayed, select Envelope Com 10, Envelope DL, Yougata 4 4.13"x9.25", or Yougata 6 3.86"x7.48", and then click OK.

5. Set the orientation

   To print the addressee horizontally, select Landscape for Orientation.

   ![Landscape Orientation Example]

   **Note**

   - If Envelope Com 10, Envelope DL, Yougata 4 4.13"x9.25", or Yougata 6 3.86"x7.48" is selected for Printer Paper Size, the printer rotates the paper 90 degrees to the left to print, regardless of the Rotate 90 degrees left when orientation is [Landscape] setting for Custom Settings in the Canon IJ Printer Assistant Tool.
6. Select the print quality

Select High or Standard that matches your purpose for Print Quality.

7. Click OK

When you execute print, the information is printed on the envelope.

**Important**

- When you execute envelope printing, guide messages are displayed.
  To hide the guide messages, check the Do not show this message again check box.
  To show the guide again, click the View Printer Status button on the Maintenance tab, and start the Canon IJ Status Monitor.
  Then click Envelope Printing from Display Guide Message of the Option menu to enable the setting.

**Note**

- If the paper settings in the printer driver differ from the paper information registered on the printer, an error may occur. For instructions on what to do if an error occurs, see "Paper Settings."
  To check the current printer settings or to apply the printer settings to the printer driver, click Printer Media Information... from the Quick Setup tab, and specify the settings in the dialog box that appears.
  For details about the paper information to be registered on the printer, see the following:
  - Paper Settings on the Printer Driver and the Printer (Media Type)
  - Paper Settings on the Printer Driver and the Printer (Paper Size)
Printing on Postcards

1. Load postcard on the printer

2. Open the printer driver setup window

3. Select commonly used settings

   Display the Quick Setup tab, and for Commonly Used Settings, select Standard.

4. Select the media type

   For Media Type, select Ink Jet Hagaki (A), Ink Jet Hagaki, Hagaki K (A), Hagaki K, Hagaki (A), or Hagaki.

   **Important**
   - This printer cannot print on postcards that have photos or stickers attached.
   - When you use the automatic duplex printing function to print a postcard, print the address side first and then print the message side.
   - When printing on each side of a postcard separately, you will get cleaner printing if you print the message side first and then print the address side.
   - The paper settings on the printer driver are different, depending on whether you are printing on the address side or the message side.

   To check the current printer settings or to apply the printer settings to the printer driver, click \[Printer Media Information...\] from the Quick Setup tab, and specify the settings in the dialog box that appears.

   For details about the paper information to be registered to the printer driver and on the printer, see the following:
   - Paper Settings on the Printer Driver and the Printer (Media Type)
   - Paper Settings on the Printer Driver and the Printer (Paper Size)

   - When you use the automatic duplex printing function, register the paper information for the side to be printed first.

5. Select the paper size

   For Printer Paper Size, select Hagaki 100x148mm or Hagaki 2 200x148mm.

   **Important**
   - Return postcards can be used only when you print them from the computer.
   - When printing a return postcard, always set the paper size to Hagaki 2 200x148mm from your application software or the printer driver.
   - Do not fold the return postcard. If a crease is formed, the printer will not be able to feed the postcard properly, and this condition will cause line shifts or a paper jam.
   - With return postcards, automatic duplex printing and borderless printing cannot be used.

6. Set the print orientation

   To print the address horizontally, set Orientation to Landscape.
7. Select the print quality

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

8. Click **OK**

When you execute printing, the data will be printed onto the postcard.

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**Important**

- If you want to display a guide message when performing postcard printing, open the **Maintenance** tab and click **View Printer Status** to start the Canon IJ Status Monitor. On the **Option** menu, choose **Display Guide Message** and click **Hagaki Printing** to enable the setting. To hide these guide messages, select the **Do not show this message again** check box.
- When printing on media other than postcards, load the media according to usage method of that media, and click **Start Printing**.
Overview of the Printer Driver

- Canon IJ Printer Driver
  - Opening Printer Driver's Setup Screen

- Canon IJ Status Monitor
  - Checking Ink Status from Your Computer

- Instructions for Use (Printer Driver)
Canon IJ Printer Driver

The Canon IJ printer driver (simply called printer driver below) is software that you install onto your computer so that it can communicate with the printer.

The printer driver converts the print data created by your application software into data that your printer can understand, and sends the converted data to the printer.

Because different printers support different data formats, you need a printer driver that supports your printer.

Installing the Printer Driver

To install the printer driver, install the driver from Start Setup on the setup CD-ROM that came with your printer.

Specifying the Printer Driver

To specify the printer driver, open the Print dialog box of the application software you are using, and select "Canon XXX" (where "XXX" is your model name).

Displaying the Manual from the Printer Driver

To display the description of a setup tab from the printer driver's setup screen, click Help on that tab.

Related Topic

- Opening Printer Driver's Setup Screen
**Opening Printer Driver's Setup Screen**

You can display the printer driver's setup screen from your application software or by clicking the printer icon.

### Displaying the Printer Driver's Setup Screen from Your Application Software

Perform this procedure to set up the print settings during printing.

1. Select print command from application software
   
   The **Print** command can generally be found in the **File** menu.

2. Select your printer model, and click **Preferences** (or **Properties**)
   
   The printer driver's setup screen appears.

   **Note**
   
   - Depending on the application software you are using, the command and menu names, and the number of steps may vary. For details, refer to the operating instructions of your application software.

### Displaying the Printer Driver's Setup Screen by Clicking the Printer Icon

From the setup screen you can perform printer maintenance operations such as print head cleaning, or set print settings to be shared by all application software.

1. Select **Control Panel** -&gt; **Hardware and Sound** -&gt; **Devices and Printers**
   
   The printer driver's setup screen appears.

2. Right-click the icon of your model. When the menu appears, select **Printing preferences**
   
   **Important**
   
   - Opening the printer driver setup window through **Printer properties** displays such tabs regarding the Windows functions as the **Ports** (or **Advanced**) tab. Those tabs do not appear when opening through **Printing preferences** or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.
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 IJ Status Monitor](image)

**Note**

- To open the Canon IJ Status Monitor when the printer is not printing, open the printer driver setup window and click View Printer Status on the Maintenance tab.
- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

When Errors Occur

The Canon IJ Status Monitor is automatically displayed if an error occurs (e.g., if the printer runs out of paper or if the ink is low).
In such cases, take the appropriate action as described.
Checking Ink Status from Your Computer

You can check the remaining ink level and the ink tank types for your model.

1. Open the **printer driver setup window**

2. **Launching the Canon IJ Status Monitor**
   On the **Maintenance** tab, click **View Printer Status**.

3. **Display Estimated ink levels**
   Ink status is displayed as an illustration.

![Ink Status Display](image)

**Note**

- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.
- When you print on A3 paper or larger paper sizes, the ink may run out before printing is finished or the printing may become faint or streaky (with white lines).
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

- Depending on the document type to be printed, the paper feed method specified in the printer driver may not operate correctly.
  If this happens, open the printer driver setup window from the Print dialog box of the application software, and check the setting in the Paper Source field on the Main tab.
- With some applications, the Copies setting in the Page Setup tab of the printer driver may not be enabled.
  In this case, use the copies setting in the Print dialog box of the application software.
- If the selected Language in the About dialog box of the Maintenance tab does not match the operating system interface language, the printer driver setup window may not be displayed properly.
  Also, if Print to file is selected in the Print dialog box of the application software and with applications that prohibit EMF spooling, such as Adobe Photoshop LE and MS Photo Editor, the following functions will not operate.
  - Preview before printing on the Main tab
  - Prevention of Print Data Loss in the Print Options dialog box on the Page Setup tab
  - Page Layout, Tiling/Poster, Booklet, Duplex Printing, Specify Margin..., Print from Last Page, Collate, and Stamp/Background... on the Page Setup tab
- Since the resolution in the preview display differs from the printing resolution, text and lines in the preview display may appear different from the actual print result.
- With some applications, the printing is divided into multiple print jobs. To cancel printing, delete all divided print jobs.
- If image data is not printed correctly, display the Print Options dialog box from the Page Setup tab and change the setting of Disable ICM required from the application software. This may solve the problem.
- The card slot of the printer may become inaccessible. In such cases, restart the printer or turn it off and reconnect the USB cable.

Points to Note About Applications with Restrictions

- There are following restrictions in Microsoft Word (Microsoft Corporation).
  - When Microsoft Word has the same printing functions as the printer driver, use Word to specify them.
  - When Fit-to-Page, Scaled, or Page Layout is used for Page Layout on the Page Setup tab of the printer driver, the document may not print normally in certain versions of Word.
  - When Page Size in Word is set to "XXX Enlarge/Reduce", the document may not print normally in certain versions of Word.
    If this happens, follow the procedure below.
    1. Open Word's Print dialog box.
2. Open the printer driver setup window, and on the Page Setup tab, set Page Size to the same paper size that you specified in Word.

3. Set the Page Layout that you want, and then click OK to close the window.

4. Without starting printing, close the Print dialog box.

5. Open Word's Print dialog box again.

6. Open the printer driver setup window and click OK.

7. Start printing.

- If bitmap printing is enabled in Adobe Illustrator (Adobe Systems Incorporated), printing may take time or some data may not be printed. Print after unchecking the Bitmap Printing check box in the Print dialog box.
Printer Driver Description

- Quick Setup Tab Description
- Main Tab Description
- Page Setup Tab Description
- Maintenance Tab Description
- Canon IJ Status Monitor Description
Quick Setup Tab Description

The Quick Setup tab is for registering commonly used print settings. When you select a registered setting, the printer automatically switches to the preset items.

Commonly Used Settings
The names and icons of frequently used printing profiles are registered. When you select a printing profile according to the purpose of the document, settings that match the purpose are applied. In addition, functions that are thought to be useful for the selected printing profile are displayed in Additional Features.

You can also change a printing profile and register it under a new name. You can delete the registered printing profile.

You can rearrange the profiles either by dragging the individual profiles or by holding down the Ctrl key and pressing the up or down arrow keys.

Standard
These are the factory settings.
If Page Size, Orientation, and Copies were set from the application software, those settings have priority.

Photo Printing
If you select this setting when printing a photo, the photo paper and photo size generally used are set. The Borderless Printing check box is checked automatically.
If Orientation and Copies were set from the application software, those settings have priority.

Business Document
Select this setting when printing a general document.
If Page Size, Orientation, and Copies were set from the application software, those settings have priority.

Paper Saving
Select this setting to save paper when printing a general document. The 2-on-1 Printing and Duplex Printing check boxes are checked automatically.
If Page Size, Orientation, and Copies were set from the application software, those settings have priority.

**Envelope**
If you select this setting for printing an envelope, Media Type is set automatically to Envelope. In the Envelope Size Setting dialog box, select the size of the envelope to be used.

**Greeting Card**
When selected for printing a greeting card, the Media Type is automatically set to Inkjet Greeting Card. The Print Quality is also set to High, and a check-mark is added to Borderless Printing.

**Note**
- The combination of the Additional Features that was displayed for the printing profile that had been selected when the added printing profile was saved is also displayed when that added printing profile is selected.

**Save...**
Displays the Save Commonly Used Settings dialog box.
Click this button when you want to save the information that you set on the Quick Setup, Main, and Page Setup tabs to Commonly Used Settings.

**Delete**
Deletes a registered printing profile.
Select the name of the setting to be deleted from Commonly Used Settings, and click Delete. When a confirmation message is displayed, click OK to delete the specified printing profile.

**Note**
- Printing profiles that are registered in the initial settings cannot be deleted.

**Settings Preview**
The paper illustration shows how the original will be laid out on a sheet of paper.
You can check an overall image of the layout.

**Preview before printing**
Shows what the print result will look like before you actually print the data.
Check this check box to display a preview before printing.
Uncheck this check box if you do not want to display a preview.

**Additional Features**
Displays the frequently used, convenient functions for the printing profile that you selected for Commonly Used Settings on the Quick Setup tab.
When you move the mouse pointer near a function that can be changed, a description of that function is displayed.
To enable a function, check the corresponding check box.
For some functions, you can set detailed settings from the Main and Page Setup tabs.

**Important**
- Depending on the printing profiles, certain function may be grayed out and you will not be able to change them.

**2-on-1 Printing**
Prints two pages of the document, side by side, on one sheet of paper.
To change the page sequence, click the Page Setup tab, select Page Layout for Page Layout,
and click Specify.... Then in the Page Layout Printing dialog box that appears, specify the Page Order.

4-on-1 Printing
Prints four pages of the document, side by side, on one sheet of paper.
To change the page sequence, click the Page Setup tab, select Page Layout for Page Layout, and click Specify.... Then in the Page Layout Printing dialog box that appears, specify the Page Order.

Duplex Printing
Selects whether to print the document on both sides or one side of a sheet of paper.
To change the staple side or the margins, set the new values from the Page Setup tab.

Borderless Printing
Performs borderless printing without any margins on the paper.
With the borderless printing function, the document to be printed is enlarged, so that it extends slightly off the paper. In other words, the document is printed without any margin.
To adjust the amount that the document extends beyond the paper, click the Page Setup tab, choose Borderless, and enter the value in Amount of Extension.

Grayscale Printing
This function converts the data to monochrome data when printing your document.

Draft
This setting is appropriate for test printing.

Rotate 180 degrees
Prints the document by rotating it 180 degrees against the paper feed direction.
The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

Color/Intensity Manual Adjustment
Select when you set the Color Correction method and individual settings such as Cyan, Magenta, Yellow, Brightness, Contrast, etc.

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.

Printer Paper Size
Selects the size of paper actually loaded into the printer.
Normally, the paper size is set automatically according to the output paper size setting, and the document is printed with no scaling.
When you set 2-on-1 Printing or 4-on-1 Printing in Additional Features, you can manually set the paper size with Page Size on the Page Setup tab.
If you select a paper size that is smaller than the Page Size, the document size will be reduced. If you select a paper size that is larger, the document size will be enlarged.
Also if you select Custom..., the Custom Paper Size dialog box opens and allows you to specify any vertical and horizontal dimensions for the paper size.
Orientation
Selects the printing orientation.
If the application used to create your document has a similar function, select the same orientation that
you selected in that application.

Portrait
Prints the document so that its top and bottom positions are unchanged relative to the paper feed
direction. This is the default setting.

Landscape
Prints the document by rotating it 90 degrees relative to the paper feed direction.
You can change the rotation direction by going to the Canon IJ Printer Assistant Tool, opening the
Custom Settings dialog box, and then using Rotate 90 degrees left when orientation is [Landscape] check box.
To rotate the document 90 degrees to the left when printing, select the Rotate 90 degrees left
when orientation is [Landscape] check box.

Print Quality
Selects your desired printing quality.
Select one of the following to set the print quality level that is appropriate for the purpose.
To set the print quality level individually, click the Main tab, and for Print Quality, select Custom. The
Set... becomes enabled. Click Set... to open the Custom dialog box, and then specify the desired
settings.

High
Gives priority to print quality over printing speed.

Standard
Prints with average speed and quality.

Draft
This setting is appropriate for test printing.

Paper Source
Select the source from which paper is supplied.

Automatically Select
Based on the paper settings in the printer driver and the paper information registered on the printer,
the printer automatically determines the paper source and feeds paper.

Rear Tray
Paper is always supplied from the rear tray.

Cassette
Paper is always supplied from the cassette.

Important
- Depending on the media type and size, the Paper Source settings that can be selected may differ.

Copies
Specifies the number of copies you want to print. You can specify a value from 1 to 999.

Important
- When the application software that you used to create the document has the same function,
specify the settings on the printer driver. However, if the print results are not acceptable, specify
the function settings on the application software.
Always Print with Current Settings
Prints documents with the current settings starting from the next print execution.
When you select this function and then close the printer driver setup window, the information that you set on the Quick Setup, Main, and Page Setup tabs are saved and printing with the same settings is possible starting from the next print execution.

Important

- If you log on with a different user name, the settings that were set when this function was enabled are not reflected in the print settings.
- If a setting was specified on the application software, it has priority.

Printer Media Information...
Displays Printer Media Information dialog box.
You can check the printer settings and apply the checked settings to the printer driver.

Defaults
Restores all the settings you have changed to their default values.
Click this button to return all settings on the Quick Setup, Main, and Page Setup tabs to their default values (factory settings).

Save Commonly Used Settings dialog box
This dialog box allows you to save the information that you set on the Quick Setup, Main, and Page Setup tabs and add the information to the Commonly Used Settings list on the Quick Setup tab.

Name
Enter the name for the printing profile you wish to save.
Up to 255 characters can be entered.
The name appears, with its associated icon, in the Commonly Used Settings list on the Quick Setup tab.

Options...
Opens the Save Commonly Used Settings dialog box.
Changes the details of printing profile to be saved.

Save Commonly Used Settings dialog box
Select the icons of the printing profiles to be registered to Commonly Used Settings, and change the items to be saved in the printing profiles.

Icon
Select the icon for the printing profile you wish to save.
The selected icon appears, with its name, in the Commonly Used Settings list on the Quick Setup tab.

Save the paper size setting
Saves the paper size to the printing profile in Commonly Used Settings.
To apply the saved paper size when the printing profile is selected, check this check box.
If this check box is unchecked, the paper size is not saved, and consequently the paper size setting is not applied when the printing profile is selected. Instead the printer prints with the paper size specified with the application software.
Save the orientation setting
Saves the Orientation to the printing profile in Commonly Used Settings.
To apply the saved print orientation when the printing profile is selected, check this check box.
If this check box is unchecked, the print orientation is not saved, and consequently the Orientation setting is not applied when the printing profile is selected. Instead the printer prints with the print orientation specified with the application software.

Save the copies setting
Saves the Copies setting to the printing profile in Commonly Used Settings.
To apply the saved copies setting when the printing profile is selected, check this check box.
If this check box is unchecked, the copies setting is not saved, and consequently the Copies setting is not applied when the printing profile is selected. Instead the printer prints with the copies setting specified with the application software.

Custom Paper Size dialog box
This dialog box allows you to specify the size (width and height) of the custom paper.

Units
Select the unit for entering a user-defined paper size.

Paper Size
Specifies the Width and the Height of the custom paper. Measurement is shown according to the units specified in Units.

Printer Media Information dialog box
This dialog box allows you to check the printer settings and apply the checked settings to the printer driver.

Paper Source
Check the setting or select a new paper source.

Media Type
Displays the Media Type that is currently set on the printer.
To apply the displayed setting to the printer driver, click Set.

Page Size
Displays the Page Size that is currently set on the printer.
To apply the displayed setting to the printer driver, click Set.

Related Topics
- Basic Printing Setup
- Setting a Page Size and Orientation
- Setting the Number of Copies and Printing Order
- Execute Borderless Printing
- Duplex Printing
- Setting Up Envelope Printing
- Printing on Postcards
Switching the Paper Source to Match the Purpose
Displaying the Print Results Before Printing
Setting Paper Dimensions (Custom Size)
Printing a Color Document in Monochrome
Specifying Color Correction
Adjusting Color Balance
Adjusting Brightness
Adjusting Contrast
Registering a Frequently Used Printing Profile
Main Tab Description

The **Main** tab allows you to create a basic print setup in accordance with the media type. Unless special printing is required, normal printing can be performed just by setting the items on this tab.

**Settings Preview**
- The paper illustration shows how the original will be laid out on a sheet of paper.
- You can check an overall image of the layout.
- The printer illustration shows how to load paper to match the printer driver settings.
- Check whether the printer is set up correctly by looking at the illustration before you start printing.

**Media Type**
- Selects a type of printing paper.
- Select a media type that matches the paper that is loaded in the printer. This ensures that printing is carried out properly for the specified paper.

**Paper Source**
- Shows the source from which paper is supplied.
- You may be able to switch the paper source with the printer driver.

**Automatically Select**
- Based on the paper settings in the printer driver and the paper information registered on the printer, the printer automatically determines the paper source and feeds paper.

**Rear Tray**
- Paper is always supplied from the rear tray.

**Cassette**
- Paper is always supplied from the cassette.

**Important**
- Depending on the media type and size, the **Paper Source** settings that can be selected may differ.
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.

**Draft**
- This setting is appropriate for test printing.

**Custom**
- Select this when you want to set the printing quality level individually.

**Set...**
- Select Custom for Print Quality to enable this button.
- Open the Custom dialog box. You can then individually set the print quality level.

Color/Intensity
Selects color adjustment method.

**Auto**
- Cyan, Magenta, Yellow, Brightness, Contrast, and so on are adjusted automatically.

**Manual**
- Select when you set the individual settings such as Cyan, Magenta, Yellow, Brightness, Contrast, etc. and Color Correction method.

**Set...**
- Select Manual for Color/Intensity to enable this button.
- In the Manual Color Adjustment dialog box, you can adjust individual color settings such as Cyan, Magenta, Yellow, Brightness, Contrast, etc. and select the Color Correction method on the Matching tab.

**Note**

- If you want to use an ICC profile to adjust colors, use the Manual Color Adjustment dialog box to set the profile.

Grayscale Printing
This function converts the data to monochrome data when printing your document.
Check this check box to print a color document in monochrome.

Preview before printing
- Shows what the print result will look like before you actually print the data.
- Check this check box to display a preview before printing.

Defaults
- Restores all the settings you have changed to their default values.
- Clicking this button restores all the settings on the current screen to their default values (factory settings).
Custom dialog box

Set the quality level, and select the desired print quality.

**Quality**
You can use the slider bar to adjust the print quality level.

**Important**
- Certain print quality levels cannot be selected depending on the settings of **Media Type**.

**Note**
- The High, Standard, or Draft print quality modes are linked with the slider bar. Therefore when the slider bar is moved, the corresponding quality and value are displayed on the left. This is the same as when the corresponding radio button is selected for **Print Quality** on the **Main** tab.

**Color Adjustment Tab**

This tab allows you to adjust the color balance by changing the settings of the Cyan, Magenta, Yellow, Brightness, and Contrast options.

**Preview**
Shows the effect of color adjustment.
The color and brightness change when each item is adjusted.

**Note**
- The graphic is in monochrome when the Grayscale Printing check box is checked.

**View Color Pattern**
Displays a pattern for checking color changes produced by color adjustment.
If you want to display the preview image with a color pattern, check this check box.

**Cyan / Magenta / Yellow**
Adjusts the strengths of Cyan, Magenta, and Yellow.
Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.
This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document. Use your application if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

**Important**
- When Grayscale Printing is checked on the Main tab, Cyan, Magenta, and Yellow appear grayed out and are unavailable.

**Brightness**
Adjusts the brightness of your print. You cannot change the levels of pure white and black. However, the brightness of the colors between white and black can be changed. Moving the 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 brightness values that are linked to the slider bar. Enter a value in the range from -50 to 50.
Contrast
Adjusts the contrast between light and dark in the image to be printed.
Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.
You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Matching Tab
Allows you to select the method for adjusting colors to match the type of document to be printed.

Color Correction
Allows you to select Driver Matching, ICM, or None to match the purpose of the print operation.

Important
• When Grayscale Printing is checked on the Main tab, Color Correction appears grayed out and is unavailable.

Driver Matching
With Canon Digital Photo Color, you can print sRGB data with color tints that most people prefer.

ICM
Adjusts the colors by using an ICC profile when printing.

Important
• If the application software is set so that ICM is disabled, ICM is unavailable for Color Correction and the printer may not be able to print the image data properly.

None
Disables color adjustment with the printer driver.

Related Topics
► Setting the Print Quality Level (Custom)
► Adjusting Color Balance
► Adjusting Brightness
► Adjusting Contrast
► Specifying Color Correction
► Adjusting Colors with the Printer Driver
► Printing with ICC Profiles
► Printing a Color Document in Monochrome
► Displaying the Print Results Before Printing
Page Setup Tab Description

The Page Setup tab allows you to determine how a document is to be arranged on the paper. Also, this tab allows you to set the number of copies and the order of printing. If the application which created the document has a similar function, set them with the application.

Settings Preview
- 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.
  - If you select Custom..., the Custom Paper Size dialog box opens and allows you to specify any vertical and horizontal dimensions for the paper size.

Orientation
- Selects the printing orientation.
  - If the application used to create your document has a similar function, select the same orientation that you selected in that application.
- Portrait
  - Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.
- Landscape
  - Prints the document by rotating it 90 degrees relative to the paper feed direction.
  - You can change the rotation direction by going to the Canon IJ Printer Assistant Tool, opening the Custom Settings dialog box, and then using Rotate 90 degrees left when orientation is [Landscape] check box.
To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

**Rotate 180 degrees**

Prints the document by rotating it 180 degrees against the paper feed direction. The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

**Printer Paper Size**

Selects the size of paper actually loaded into the printer. The default setting is **Same as Page Size** to perform normal-sized printing. You can select a printer paper size when you select **Fit-to-Page, Scaled, Page Layout, Tiling/Poster**, or **Booklet** for **Page Layout**.

If you select a paper size that is smaller than the **Page Size**, the document size will be reduced. If you select a paper size that is larger, the document size will be enlarged. Also if you select **Custom...**, the **Custom Paper Size** dialog box opens and allows you to specify any vertical and horizontal dimensions for the paper size.

**Page Layout**

Selects the size of the document you want to print and the type of printing.

**Normal-size**

This is the normal printing method. Select this when you do not specify any page layout.

**Automatically reduce large document that the printer cannot output**

If the printer cannot print the paper size of a document, the printer can automatically reduce the size when it prints the document. Check this check box to reduce the size when printing the document.

**Borderless**

Chooses whether you are printing on a full page without any page margins or printing with page margins. In borderless printing, originals are enlarged to extend slightly off the paper. Thus, printing can be performed without any margins (border). Use **Amount of Extension** to adjust how much of the document extends off the paper during borderless printing.

**Amount of Extension**

Adjusts how much of the document extends off the paper during borderless printing. Moving the slider to the right increases the amount of extension and allows you to perform borderless printing with no problems. Moving the slider to the left reduces the amount of extension and expands the range of the document to print.

**Fit-to-Page**

This function enables you to automatically enlarge or reduce documents to fit to the paper size loaded in the printer without changing the paper size you specified in your application software.

**Scaled**

Documents can be enlarged or reduced to be printed. Specify the size in **Printer Paper Size**, or enter the scaling ratio in the **Scaling** box.

**Scaling**

Specifies an enlargement or reduction ratio for the document you want to print.
Page Layout
Multiple pages of document can be printed on one sheet of paper.
Specify...
Opens the Page Layout Printing dialog box.
Click this button to set details on page layout printing.

Tiling/Poster
This function enables you to enlarge the image data and divide the enlarged data into several pages to be printed. You can also glue together these sheets of paper to create large printed matter, such as a poster.
Specify...
Opens the Tiling/Poster Printing dialog box.
Click this button to set details on tiling/poster printing.

Booklet
The booklet printing function allows you to print data for a booklet. Data is printed on both sides of the paper. This type of printing ensures that pages can be collated properly, in page number order, when the printed sheets are folded and stapled at the center.
Specify...
Opens the Booklet Printing dialog box.
Click this button to set details on booklet printing.

Duplex Printing
Selects whether to print the document automatically on both sides or one side of a sheet of paper.
Check this check box to print the document on both sides.
This function can be used only when Plain Paper, Ink Jet Hagaki (A), Hagaki K (A), Hagaki (A), or Hagaki is selected for Media Type and one of Normal-size, Fit-to-Page, Scaled, or Page Layout is selected.

Automatic
Selects whether duplex printing is to be performed automatically or manually.
This check box will be enabled if Booklet is selected from the Page Layout list or the Duplex Printing check box is checked.
To perform duplex printing automatically, check this check box.
To perform duplex printing manually, uncheck this check box.

Print Area Setup...
Opens the Print Area Setup dialog box in which you can configure the print area for automatic duplex printing.
This button will be enabled if automatic duplex printing is set when Borderless is not selected.

Stapling Side
Selects the stapling margin position.
The printer analyzes the Orientation and Page Layout settings, and automatically selects the best stapling margin position. Check Stapling Side, and select from the list to change it.

Specify Margin...
Opens the Specify Margin dialog box.
You can specify the width of the margin.

Copies
Specifies the number of copies you want to print. You can specify a value from 1 to 999.
Important

• If the application used to create your document has a similar function, specify the number of copies with the application without specifying it here.

Print from Last Page

Check this check box when you want to print from the last page in order. If you do this, you do not need to sort the pages into their correct order after printing.
Uncheck this check box to print your document in normal order, starting from the first page.

Collate

Check this check box to group together the pages of each copy when you want to print multiple copies.
Uncheck this check box when you want to print with all pages of the same page number grouped together.

Important

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

Print Options...

Opens the Print Options dialog box.
Changes detailed printer driver settings for print data that is sent from applications.

Stamp/Background...

Opens the Stamp/Background dialog box.
The Stamp function allows you to print a stamp text or a bitmap over or behind document data. It also allows you to print date, time and user name. The Background function allows you to print a light illustration behind the document data.
Depending on the environment, Stamp and Background may not be available.

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

Specifies the Width and the Height of the custom paper. Measurement is shown according to the units specified in Units.

Page Layout Printing dialog box

This dialog box allows you to select the number of document pages to be placed on one sheet of paper, the page order, and whether a page border line is to be printed around each document page.
The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.
**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 Layout**
Specifies the number of document pages to fit on one sheet.

**Page Order**
Specifies the document orientation to be printed on a sheet of paper.

**Page Border**
Prints a page border line around each document page.
Check this check box to print the page border line.

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**Tiling/Poster Printing dialog box**
This dialog box allows you to select the size of the image to be printed. You can also make settings for cut lines and paste markers which are convenient for pasting together the pages into a poster.
The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

**Preview Icon**
Shows the settings of the **Tiling/Poster Printing** dialog box.
You can check what the print result will look like.

**Image Divisions**
Select the number of divisions (vertical x horizontal).
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.

**Print "Cut/Paste" in margins**
Specifies whether to print the words "Cut" and "Paste" in the margins. These words serve as guidelines for pasting together the pages into a poster.
Check this check box to print the words.

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**Note**
- Depending on the environment, this function may not be available.

**Print "Cut/Paste" lines in margins**
Specifies whether to print cut lines that serve as guidelines for pasting together the pages into a poster.
Check this check box to print the cut lines.

**Print page range**
Specifies the printing range. Select **All** under normal circumstances.
Select **Pages** to specify a specific page or range.

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**Note**
- If some of the pages have not been printed well, specify the pages that do not need to be printed by clicking them in the settings preview of the **Page Setup** tab. Only the pages shown on the screen will be printed this time.
Booklet Printing dialog box

This dialog box allows you to set how to bind the document as a booklet. Printing only on one side and printing a page border, can also be set in this dialog box. The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon
Shows the settings made on the Booklet Printing dialog box. You can check what the document will look like when printed as a booklet.

Margin for stapling
Specifies which side of the booklet is to be stapled.

Insert blank page
Selects whether to print the document on one side or both sides of the booklet.
Check this check box to print the document on one side of the booklet and select the side to be left blank from the list.

Margin
Specifies the width of the stapling margin. The specified width becomes the stapling margin from the center of the sheet.

Page Border
Prints a page border line around each document page.
Check this check box to print the page border line.

Print Area Setup dialog box

When you perform duplex printing, the print area of the document becomes slightly narrower than usual. Therefore when a document that has small margins is printed, the document may not fit on one page. This dialog box allows you to set whether the page is to be reduced when printed so that the document fits in one page.

Use normal-size printing
Prints the document pages without reducing them. This is the default setting.

Use reduced printing
Slightly reduces each document page so that it fits on one sheet of paper during printing. Select this setting when using automatic duplex printing to print a document with small margins.

Specify Margin dialog box

This dialog box allows you to specify the margin width for the side to be stapled. If a document does not fit on one page, the document is reduced when printed.

Margin
Specifies the width of the stapling margin. The width of the side specified by Stapling Side becomes the stapling margin.
Print Options dialog box

Makes changes to print data that is sent to the printer.

Depending on the environment, this function may not be available.

Disable ICM required from the application software
Disables the ICM function required from the application software.
When an application software uses Windows ICM to print data, unexpected colors may be produced or the printing speed may decrease. If these problems occur, checking this check box may resolve the problems.

Important

- Uncheck this check box under normal circumstances.
- This function does not work when ICM is selected for Color Correction on the Matching tab of the Manual Color Adjustment dialog box.

Disable the color profile setting of the application software
Checking this check box disables information in the color profile that was set on the application software.
When the information in the color profile set on the application software is output to the printer driver, the print result may contain unexpected colors. If this happens, checking this check box may resolve the problem.

Important

- Even when this check box is checked, only some of the information in the color profile is disabled, and the color profile can still be used for printing.
- Uncheck this check box under normal circumstances.

Disable the paper source setting of the application software
Disables the paper feeding method that is set by the application.
With some applications such as Microsoft Word, the data may be printed with a feeding method that differs from the printer driver setting. In this case, check this function.

Important

- When this function is enabled, normally the paper feeding method cannot be changed from the Canon IJ Preview.

Ungroup Papers
Sets the display method of Media Type, Page Size, and Printer Paper Size.
To display the items separately, select the check box.
To display the items as a group, clear the check box.

Do not allow application software to compress print data
Compression of the application software print data is prohibited.
If the print result has missing image data or unintended colors, selecting this check box may improve the condition.

Important

- Uncheck this check box under normal circumstances.
Print after creating print data by page
The print data is created in page units, and printing starts after the processing of one page of print data is complete.
If a printed document contains unintended results such as streaks, selecting this check box may improve the results.

>>> Important
• Uncheck this check box under normal circumstances.

Prevention of Print Data Loss
You can reduce the size of the print data that was created with the application software and then print the data.
Depending on the application software being used, the image data may be cut off or may not be printed properly. In such cases, select On. If you will not be using this function, select Off.

>>> Important
• When using this function, the print quality may drop depending on the print data.

Unit of Print Data Processing
Selects the processing unit of the print data to be sent to the printer.
Select Recommended under normal circumstances.

>>> Important
• A large amount of memory may be used for certain settings.
• Do not change the setting if your computer has a small amount of memory.

Print With
Specify the ink tank to be used from the installed ink tanks.
Select from All Colors (Default), All Except PGBK (Black), Only PGBK (Black).

>>> Important
• When the following settings are specified, Only PGBK (Black) does not function because the printer uses an ink tank other than PGBK (Black) to print documents.
  • Other than Plain Paper, Envelope, Ink Jet Hagaki (A), Hagaki K (A), Hagaki (A), or Hagaki is selected for Media Type on the Main tab
  • Borderless is selected from the Page Layout list on the Page Setup tab
• Do not detach the ink tank that is not in use. Printing cannot be performed while either ink tank is detached.

Stamp/Background dialog box
The Stamp/Background dialog box allows you to print a stamp and/or background over or behind the document pages. In addition to the pre-registered ones, you can register and use your original stamp or background.

Stamp
Stamp printing is a function that prints a stamp over a document.
Check this check box and select a title from the list to print a stamp.
Define Stamp...
Opens the Stamp Settings dialog box.
You can check the details of a selected stamp or save a new stamp.

Place stamp over text
Sets how the stamp is to be printed over the document.
Check the Stamp check box to enable this.
Check this check box to print a stamp over the printed document page. The printed data may be hidden behind the stamp.
Uncheck this check box to print the document data over the stamp. The printed data will not be hidden behind the stamp. However, the sections of the stamp that are overlapped by the document may be hidden.

Stamp first page only
Selects whether the stamp is to be printed on the first page only or on all pages when the document has two or more pages.
Check the Stamp check box to enable this.
Check this check box to print a stamp on the first page only.

Background
Background printing is a function that allows you to print an illustration or a similar object (bitmap) behind the document.
Check this check box to print a background and select a title from the list.

Select Background...
Opens the Background Settings dialog box.
You can register a bitmap as a background, and change layout method and intensity of the selected background.

Background first page only
Selects whether to print the background on the first page only or print on all pages when the document has two or more pages.
Check the Background check box to enable this.
Check this check box to print a background on the first page only.

Stamp Tab
The Stamp tab allows you to set the text and bitmap file (.bmp) to be used for a stamp.

Preview Window
Shows the status of the stamp configured in each tab.

Stamp Type
Specifies the stamp type.
Select Text to create a stamp with characters. Select Bitmap to create with a bitmap file. Select Date/Time/User Name to display the creation date/time and user name of the printed document.
The setting items in the Stamp tab change depending on the selected type.

When Stamp Type is Text or Date/Time/User Name

Stamp Text
Specifies the stamp text string.
Up to 64 characters can be entered.
For **Date/Time/User Name**, the creation date/time and user name of the printed object are displayed in **Stamp Text**.

**Important**
- **Stamp Text** appears grayed out and is unavailable if **Date/Time/User Name** is selected.

**TrueType Font**
- Selects the font for the stamp text string.

**Style**
- Selects the font style for the stamp text string.

**Size**
- Selects the font size for the stamp text string.

**Outline**
- Selects a frame that encloses the stamp text string.
  - If a large font size is selected for **Size**, characters may extend outside of the stamp border.

**Color/Select Color...**
- Shows the current color for the stamp.
  - To select a different color, click **Select Color...** to open the **Color** dialog box, and select or create a color you wish to use as a stamp.

**When Stamp Type is Bitmap**

**File**
- Specifies the name of the bitmap file to be used as the stamp.

**Select File...**
- Opens the dialog box to open a file.
  - Click this button to select a bitmap file to be used as a stamp.

**Size**
- Adjusts the size of the bitmap file to be used as a stamp.
  - Moving the slider to the right increases the size, moving the slider to the left decreases the size.

**Transparent white area**
- Specifies whether to make white-filled areas of the bitmap transparent.
  - Check this check box to make white-filled areas of the bitmap transparent.

**Note**
- Click **Defaults** to set **Stamp Type** to text, **Stamp Text** to blank, **TrueType Font** to Arial, **Style** to **Regular**, **Size** to 36 points, **Outline** unchecked, and **Color** to gray with the RGB values (192, 192, 192).

**Placement Tab**
The Placement tab allows you to set the position where the stamp is to be printed.

**Preview Window**
- Shows the status of the stamp configured in each tab.
Position
Specifies the stamp position on the page.
Selecting **Custom** from the list allows you to enter values for the **X-Position** and **Y-Position** coordinates directly.

Orientation
Specifies the angle of rotation for the stamp. The angle can be set by entering the number of degrees.
Negative values rotate the stamp clockwise.

---

**Note**
- **Orientation** is enabled only when **Text** or **Date/Time/User Name** is selected for **Stamp Type** on the **Stamp** tab.

---

**Note**
- Click **Defaults** to set the stamp position to **Center** and the orientation to 0.

Save settings Tab
The **Save settings** tab allows you to register a new stamp or delete an unnecessary stamp.

**Title**
Enter the title to save the stamp you created.
Up to 64 characters can be entered.

---

**Note**
- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

**Stamps**
Shows a list of saved stamp titles.
Specify a title to display the corresponding stamp in **Title**.

**Save/Save overwrite**
Saves the stamp.
Enter a title in **Title**, and then click this button.

**Delete**
Deletes an unnecessary stamp.
Specify the title of an unnecessary stamp from the **Stamps** list, and click this button.

Background Tab
The **Background** tab allows you to select a bitmap file (.bmp) to be used as a background or determine how to print the selected background.

**Preview Window**
Shows the status of the bitmap set on the **Background** tab.

**File**
Specifies the name of the bitmap file to be used as the background.
Select File...
Opens the dialog box to open a file.
Click this button to select a bitmap file (.bmp) to be used as the background.

Layout Method
Specifies how the background image is to be placed on the paper.
When Custom is selected, you can set coordinates for X-Position and Y-Position.

Intensity
Adjusts the intensity of the bitmap to be used as a background.
Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity. To print the background at the original bitmap intensity, move the slider to the rightmost position.

Note
• Depending on the environment, this function may not be available.
• Click Defaults to set File to blank, Layout Method to Fill page, and the Intensity slider to the middle.

Save settings Tab
The Save settings tab allows you to register a new background or delete an unnecessary background.

Title
Enter the title to save the background image you specified.
Up to 64 characters can be entered.

Note
• Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

Backgrounds
Shows a list of registered background titles.
Specify a title to display the corresponding background in Title.

Save/Save overwrite
Saves the image data as a background.
After inserting the Title, click this button.

Delete
Deletes an unnecessary background.
Specify the title of an unnecessary background from the Backgrounds list, and then click this button.
Maintenance Tab Description

The **Maintenance** tab allows you to start the Canon IJ Printer Assistant Tool or check the status of the printer.

**Maintenance and Preferences**

Canon IJ Printer Assistant Tool is started.

You can perform printer maintenance or change the settings of the printer.

**View Printer Status**

Starts the Canon IJ Status Monitor.

Perform this function when you want to check the printer status and how a print job is proceeding.

**About**

Opens the **About dialog box**.

The version of the printer driver, plus a copyright notice, can be checked.

In addition, the language to be used can be switched.

**About dialog box**

When you click **About**, the **About** dialog box is displayed.

This dialog box displays the version, copyright, and module list of the printer driver. You can select the language to be used and switch the language displayed in the setup window.

**Modules**

Lists the printer driver modules.

**Language**

Specifies the language you wish to use in the printer driver setup window.
Important

- If the font for displaying the language of your choice is not installed in your system, the characters will be garbled.
Canon IJ Status Monitor Description

The Canon IJ Status Monitor displays the printer status and the printing progress. The printer status is shown by the images, icons, and messages in the status monitor.

Features of the Canon IJ Status Monitor

The Canon IJ Status Monitor has the following functions:

- **Onscreen display of printer status**
  - The status monitor displays the printer status in real-time.
  - You can check the progress of each document to be printed (print job).

- **Display of error content and correction procedure**
  - The status monitor displays information on any errors that occur on the printer.
  - You can then immediately check what sort of action to perform.

- **Ink status display**
  - The status monitor displays ink tank types and estimated ink levels.
  - When the remaining ink level becomes low, a warning icon and message (low ink level warning) are displayed.

Overview of the Canon IJ Status Monitor

The Canon IJ Status Monitor uses images and messages to display the printer status and the ink status. During printing, you can check information about the document being printed and the print progress. If an error occurs, the status monitor displays the error content and instructions on how to correct the error. Follow the message instructions.

**Printer**

Canon IJ Status Monitor shows an icon when a warning or error occurs to the printer.

- ⚠️ : There is a warning.
- ✖️ : There has been an operator error.
Ink Tank
If a low ink warning or an empty ink tank error occurs, the status monitor displays an icon. The status monitor also uses images to display the estimated ink levels of the ink tanks. Move the cursor onto the image to check detailed information such as the remaining ink levels and the names of ink tanks that the printer can use.

Document Name
Name of the document being printed.

Owner
Owner's name of the document being printed.

Printing Page
Page number of current page and the total page count.

Display Print Queue
The print queue, which controls the current document and documents waiting to be printed.

Cancel Printing
Cancels printing.

Estimated ink levels
Displays icons to report a remaining ink level warning and an ink depletion error. The estimated ink level of the ink tank is also displayed as an illustration.

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

Option Menu
If a printer message appears, select Enable Status Monitor to start the Canon IJ Status Monitor.
Select Enable Status Monitor to use the following commands:

Always Display Current Job
Displays the Canon IJ Status Monitor whenever a document is being printed.

Always Display on Top
Displays the Canon IJ Status Monitor in front of other windows.

Display Guide Message
Displays guide messages for complicated paper setting operations.

Envelope Printing
Displays a guide message when envelope printing starts.
To hide this guide message, select the Do not show this message again check box.
To display the guide message again, open the Option menu, select Display Guide Message, click Envelope Printing, and enable this setting.

Hagaki Printing
Displays a guide message before the printer begins hagaki printing.
To display this guide message, open the Option menu, select Display Guide Message, click Hagaki Printing, and enable this setting.
To hide the guide message, select the Do not show this message again check box.
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.

Start when Windows is Started
Automatically starts the Canon IJ Status Monitor when Windows is started.

Remote UI menu
You are able to open the printer's Remote User Interface.
You are able to check the printer status and run maintenance functions on the printer when connected to and using it through a network.

Note
- When the printer is being used via USB connection Remote UI will not display.

Printer Information
Allows you to check detailed information, such as the printer status, the print progress, and remaining ink levels.

Maintenance
Allows you to run printer maintenance and change printer settings.

Download Security Certificate
Displays the For secure communication window.
This window allows you to download the route certificate, register it to the browser, and disable warning displays.

Help Menu
Select this menu to display Help information for the Canon IJ Status Monitor including version and copyright information.
Installing the MP Drivers

You can access our web site through the Internet and download the latest MP Drivers for your model.

1. Turn off 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 MP Drivers
   
   Take the appropriate action as described on the screen.

4. Complete the installation
   
   Click Complete.
   
   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 MP Drivers for free, but any Internet access charges incurred are your responsibility.
     
     - Before installing the latest MP Drivers, delete the previously installed version.

Related Topics

- Obtaining the Latest MP Drivers
- Deleting the Unnecessary MP Drivers
- Before Installing the MP Drivers
Printing Using Canon Application Software

- Easy-PhotoPrint Editor Guide
Printing Using a Web Service

- Using PIXMA/MAXIFY Cloud Link
- Printing with Google Cloud Print
Printing from Smartphone/Tablet

- Printing from iPhone/iPad/iPod touch (iOS)
- Printing from Smartphone/Tablet (Android)
- Printing from Windows 10 Mobile Device
- **Printing/Scanning with Wireless Direct**
Printing/Scanning with Wireless Direct

You can connect devices (e.g. smartphone, or tablet) to the printer by two methods below.

• Wireless connection (connecting devices via a wireless router)
• Direct wireless connection (connecting devices using Wireless Direct)

This section describes Wireless Direct, which allows you to print or scan by connecting the devices to the printer directly.

Follow the procedure below to use Wireless Direct.

1. Preparing the printer.
   => Changing Printer Setting to Use Wireless Direct

2. Preparing a device to connect to the printer.
   => Changing Settings of a Device and Connecting It to the Printer

   => Printing/Scanning with Wireless Direct

Important
• You can connect up to 5 devices to the printer at the same time.
• Check the usage restrictions and switch the printer to the Wireless Direct.
   => Restrictions

Changing Printer Setting to Use Wireless Direct

1. Check that printer is turned on.

2. Select (Setup) on HOME screen.
   => Using the Operation Panel


4. Select LAN settings.

5. Select Wireless Direct.
   The Wireless Direct setting list screen appears.


7. Select Enable/disable Wireless Direct.
8. Select ON.

The Wireless Direct is enabled and a device can be connected to the printer wirelessly.

Note

- To show the password, select Show password. To hide the password, select Hide password.
- The Wireless Direct setting list screen shows settings for when using the printer with Wireless Direct.

Devices detect the printer by Network (SSID)/device name shown on the screen.

- The password is required when connecting a device to the printer. Depending on the device you are using, no password is required.
- When you connect a Wi-Fi Direct compatible device to the printer, select the device name displayed on the touch screen from your device.
- The identifier (SSID) and the security setting are specified automatically. To update them, see below.

⇒ Changing Wireless Direct Setting

Changing Settings of a Device and Connecting It to the Printer

1. Turn on Wi-Fi function on your device.

Enable "Wi-Fi" on your device's "Setting" menu.

For more on turning on Wi-Fi function, see your device's instruction manual.

2. Select "DIRECT-XXXX-TS9500series" ("X" represents alphanumeric characters) from list displayed on device.

Note

- If "DIRECT-XXXX-TS9500series" does not appear on the list, Wireless Direct is not enabled.

See Changing Printer Setting to Use Wireless Direct to enable Wireless Direct.

3. Enter password.

Your device is connected to the printer.

Note

- Check the password for the Wireless Direct.

Check by one of the following methods.

  • Display on the touch screen.

    ⇒ LAN settings

  • Print the network settings.

    ⇒ Printing Network Settings
Depending on the device you are using, entering the password is required to connect a device to the printer via Wi-Fi. Enter the password specified for the printer.

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 wireless communication device and select Yes.

### Printing/Scanning with Wireless Direct

Connect a device and the printer and start printing/scanning.

#### Note

- For more on printing or scanning from a device via Wi-Fi, refer to the device's or application's instruction manual.
- You can print/scan from your smartphone or tablet by installing Canon PRINT Inkjet/SELPHY. Download it from App Store and Google Play.
  
  - For iOS
  - For Android

### Changing Wireless Direct Setting

Change the settings for the Wireless Direct following the procedure below.

1. **Check that printer is turned on.**

2. Select (Setup) on the HOME screen.

   - Using the Operation Panel

3. Select **Device settings.**

4. Select **LAN settings.**

   The **LAN settings** screen appears.

   #### Note

   - To print network settings, select **Print details** in the **LAN settings** screen.

5. Select **Wireless Direct.**

   The **Wireless Direct setting list** screen appears. You can check the current Wireless Direct settings.
6. Select **Settings**.

7. Select a setting item.

<table>
<thead>
<tr>
<th>Wireless Direct settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable/disable Wireless Direct</td>
</tr>
<tr>
<td>Change SSID/device name</td>
</tr>
<tr>
<td>Change password</td>
</tr>
<tr>
<td>Connection request confirmation</td>
</tr>
</tbody>
</table>

- **Change SSID/device name**

  Change the identifier (SSID) for Wireless Direct.

  The identifier (SSID) is the printer's name (device name) displayed on a Wi-Fi Direct compatible device.

  Follow the procedure below to change the identifier (SSID).

  1. Select the entry field.
  2. Enter the identifier (SSID) (up to 32 characters) and select **OK**.
  3. Select **OK**.

    Selecting **OK** finishes specifying the identifier (SSID).

  Selecting **Auto update** displays the confirmation screen. To update the identifier (SSID) and the password, select **Yes**. You can check the updated identifier (SSID)/password on the **Wireless Direct setting list** screen.

- **Change password**

  Change the password for Wireless Direct.

  ◦ Selecting **Change manually** displays the entry field.

    Follow the procedure below to change the password.

    1. Select the entry field.
    2. Enter the password (up to 10 characters) and select **OK**.
    3. Select **OK**.

    Selecting **OK** finishes specifying the password.

  ◦ Selecting **Auto update** displays the confirmation screen. To update the identifier (SSID) and the password, select **Yes**. You can check the updated identifier (SSID)/password on the **Wireless Direct setting list** screen.

- **Connection request confirmation**

  Change the confirmation screen setting when a Wi-Fi Direct compatible device is connecting to the printer.
If you want the printer to display the screen to inform you a Wi-Fi Direct compatible device is connecting to the printer, select Yes.

**Important**

- To prevent an unauthorized access, we recommend you should not change the setting from the default.

8. Tap (HOME).

The HOME screen is displayed.

**Note**

- If you change the Wireless Direct setting of the printer, also change the wireless router setting of the device.
Printing Photo Data

- Printing Photographs Saved on Memory Card
- Setting Items for Photo Printing Using Operation Panel
Printing Photographs Saved on Memory Card

You can print the photograph saved on the memory card easily.

This section describes the procedure to print the photograph in **Select photo print**.

1. **Check that printer is turned on.**

2. **Load photo paper.**

3. **Select Print on the HOME screen.**
   - Using the Operation Panel

4. **Select Memory card.**
   
   The memory card print menus are displayed.

5. **Select Select photo print.**

6. **Insert memory card into card slot.**
   
   The photo selection screen is displayed.

   **Note**
   - When you insert the memory card before you displays the memory card print menus, the photo selection screen is displayed.
   - If no printable photo data is saved on the memory card, **Saved data is not of a supported type**. is displayed on the touch screen.
   - If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the touch screen and select **OK**.

7. **Specify settings as necessary.**
   - To select the photo to print:
     
     Flick horizontally to select the photo.

     You can also select the photo by tapping or .
You can print a copy of the displayed photo by tapping **Color**.

- To change the display method, the number of copies, or the print settings:

  Tap △ near the bottom of the displayed photo to display menus.

A: Total number of copies is displayed

When tapping, the **Check total no. of copies** screen is displayed and you can check the number of copies for each photo. On the **Check total no. of copies** screen, you can change the number of copies for each photo.

B: Specify the number of copies

Tap ▲ or ▼ to specify the number of copies.

Touch and hold to specify the number of copies by 10 copies.

You can also flick the number to specify.
Note

• You can specify the number of copies for each photo. Display the photo you want to print and specify the number of copies when the desired photo is displayed.

C: Select to switch the photo group.

For details:

➔ Using Useful Display Functions

D: Select to display the Settings screen.

You can change the settings of page size, media type, and print quality and so on.

For more on the setting items:

➔ Setting Items for Photo Printing Using Operation Panel

E: Select to display two photos side-by-side.

For more on the display method:

➔ Using Useful Display Functions
F: Select to zoom in on the photo.

For details:

- Using Useful Display Functions

G: Select display photo with specifying the date (last modified date of data).

For details:

- Using Useful Display Functions

H: Select to display the multiple photos at once.

For more on the display method:

- Using Useful Display Functions

8. Tap **Color**.

    The printer starts printing.

**Note**

- Tap **Stop** to cancel printing.
While processing the print job, you can add the print job (Reserve photo print).

Adding Print Job

You can add the print job (Reserve photo print) while printing photos.

Follow the procedure below to add the print job.

1. Flick photo while printing to select next photo.

   **Note**
   - While you select the photo, the printer prints the reserved photos.
   - The reserved photo icon appears on the photo included in the print job.

2. Specify number of copies and print settings for each photo.

   **Note**
   - While processing the print job, you cannot change the setting for Page size or Type on print settings confirmation screen. The setting is the same as the setting for the photo included in the print job.

3. Tap Color.

   The reserved photo is printed next to the photo that has already been started printing.
   
   If you want to print more photos, operate from step 1 again.

   **Note**
   - While processing the print job, you cannot display the HOME screen, change the print menu, or print from the computer or other devices.
   - While processing the print job, the photo in other group is not selected.
   - If you tap Stop while processing the print job, the screen to select a method to cancel reservation is displayed. If you select Cancel all reservations, you can cancel printing all photos. If you select Cancel the last reservation, you can cancel the last printing job.
   - If there are many print jobs, Cannot reserve more print jobs. Please wait a while and redo the operation. may be displayed on the touch screen. In this case, wait a while and add the print job.
Setting Items for Photo Printing Using Operation Panel

You can specify the setting of page size, media type, photo fix and so on to print the photos saved on the memory card.

Print Settings Screen

How to display the print settings screen varies with the print menu.

- **In Select photo print or Slide show:**
  The following screen is displayed by selecting **Settings**.

  ![Print Settings Screen](image)

- **In Trimming print:**
  The following screen is displayed before printing.

  ![Print Settings Screen](image)

Setting Items

Flick vertically to display setting items and select the setting item to display the settings. Select to specify the setting.

**Note**

- Depending on the print menu, some setting items cannot be selected. This section describes the setting items in **Select photo print**. The setting item which cannot be selected is displayed grayed out or not displayed.
- Some settings cannot be specified in combination with the other setting items or the print menus. If the setting which cannot be specified in combination is selected, ![Warning](image) and **Error details** are displayed.
on the touch screen. In this case, select ⚠️ on the upper left on the touch screen to check the message and change the setting.

- The settings of the page size, media type, etc. are retained even if another print menu is selected or the printer is turned off.

You can specify the following setting items.

- **Paper src**
  Select a paper source (Rear tray/Cassette/Auto) where paper is loaded.

  **Note**
  - When Auto is selected, paper is fed from the paper source where the paper that matches the paper settings (page size and media type) is loaded.

- **Page size**
  Select the page size of the loaded paper.

- **Type (Media type)**
  Select the media type of the loaded paper.

- **Print qly (Print quality)**
  Select print quality according to the photo.

- **Border (Bordered/Borderless print)**
  Select bordered or borderless print.

- **Photo fix**
  When Auto photo fix is selected, the scene or person's face of a shot photo is recognized and the most suitable correction for each photo is made automatically. It makes a darkened face by backlight brighter to print. It also analyzes a scene such as scenery, night scene, person, etc. and corrects each scene with the most suitable color, brightness, or contrasts automatically to print.

  **Note**
  - As a default, photos on the memory card are printed with auto correction applied.
  - If No correction is selected, photos are printed without correction.

- **Red-EyeCorrection**
  Corrects red eyes in portraits caused by flash photography.
  Depending on the type of the photo, red eyes may not be corrected or parts other than the eyes may be corrected.

- **Print date**
  Activates/deactivates to print the date (shooting date) on a photo.

  **Note**
  - The shooting date is printed according to the settings of Date display format in Other device settings under Device settings.
Other device settings
Disc Label Printing

- Copying Label Side of Disc ✨Basic
- Printing Photo from Memory Card onto Disc Label
Copying Label Side of Disc

You can copy the label of an existing BD/DVD/CD and print it on a printable disc.

**Important**

- You cannot print on 3.15 inches / 8 cm printable discs.
- Do not mount the multi-purpose tray until the message prompting you to load the printable disc appears. Doing so can damage the printer.

1. Check that printer is turned on.

2. Select **Copy** on the HOME screen.

   Using the Operation Panel

3. Select **Disc label**.

4. Check message and select **OK**.

   The print area setting screen is displayed.

5. Specify print area and select **OK**.

   ![Set disc print area diagram]

   A: Specify the outer circle.
   B: Specify the inner circle.

**Note**

- Measure the outer and inner diameters of the printing surface of the printable disc and make sure you set a value smaller than the measured value for the outer diameter, and a value larger than the measured value for the inner diameter.
- For information on printable discs, contact their manufacturers.

6. Specify the amount of ink.
If the print result is blurry, select **Bleed-proof**. Blurring may be reduced by printing with less ink.

7. Follow on-screen instructions to load copy source BD/DVD/CD on platen and select **OK**.

The print setting confirmation screen is displayed.

### Important
- Be sure to load the copy source BD/DVD/CD with its label side down on the center of the platen. If you load it near the edge of the platen, part of the image may be cut off.

8. Open operation panel until horizontal.

9. After checking message, tap **Color** for color copying, or **Black** for black & white copying.

10. Follow on-screen instructions to set printable disc.
Place a printable disc on the multi-purpose tray, insert into the device, and then tap [OK].

Note

- You can see the procedure to set the printable disc by selecting How to set.
- For more on setting the printable disc:
  ⇒ Placing a Printable Disc

11. Select OK.

The printer starts copying.

Note

- Tap Stop to cancel copying.
- After printing, allow the printing surface of the disc to dry naturally. Do not use hairdryers or expose the disc to direct sunlight to dry the ink. Do not touch the printing surface until the ink has dried.
- If printing is misaligned, adjust the printing position using Adjust disc print area in Print settings under Device settings.
  ⇒ Print settings
Printing Photo from Memory Card onto Disc Label

You can print a photograph saved on a memory card onto the disc label of the printable disc.

Important

• You cannot print on 3.15 inches / 8 cm printable discs.

• Do not mount the multi-purpose tray until the message prompting you to load the printable disc appears. Doing so can damage the printer.

1. Check that printer is turned on.

2. Select Print on the HOME screen.

   Using the Operation Panel

3. Select Memory card.

   The memory card print menus are displayed.

4. Select Print photos to disc label.

5. Insert memory card into card slot.

   Note

   • When you insert the memory card before you displays the memory card print menus, the photo selection screen in Select photo print is displayed.

   To display the HOME screen, tap (HOME).

   • If no printable photo data is saved on the memory card, Saved data is not of a supported type. is displayed on the touch screen.

   • If more than 2,000 photo data are saved on the memory card, the photo data is split by group per 2,000 photos in reverse chronological order (date last modified) automatically. Check the message displayed on the touch screen and select OK.

6. Check message and select OK.

   The print area setting screen is displayed.

7. Specify print area and select OK.
A: Specify the outer circle.
B: Specify the inner circle.

Note

- Measure the outer and inner diameters of the printing surface of the printable disc and make sure you set a value smaller than the measured value for the outer diameter, and a value larger than the measured value for the inner diameter.
- For information on printable discs, contact their manufacturers.

8. Specify the amount of ink.
   If the print result is blurry, select **Bleed-proof**. Blurring may be reduced by printing with less ink.

9. Select a photo you want to print.
   
   Note
   
   - Other Options
     ➔ Using Useful Display Functions

10. Specify print area with trimming and select **OK**.

   A: Drag to position the trimming frame.
   B: Drag to set the trimming frame size.

11. Open operation panel until horizontal.
12. Check message and tap **Color**.

13. Follow on-screen instructions to set printable disc.

   Note
   - You can see the procedure to set the printable disc by selecting **How to set**.
   - For more on setting the printable disc:
     - [Placing a Printable Disc](#)

14. Select **OK**.

The printer starts printing.

   Note
   - Tap **Stop** to cancel printing.
   - After printing, allow the printing surface of the disc to dry naturally. Do not use hairdryers or expose the disc to direct sunlight to dry the ink. Do not touch the printing surface until the ink has dried.
   - If printing is misaligned, adjust the printing position using **Adjust disc print area** in **Print settings** under **Device settings**.
     - [Print settings](#)
Paper Settings

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

**Note**

- The default display setting is different between when you print or copy from the operation panel of the printer, when you print from Smartphone/tablet, when you print from Windows, and when you print from macOS.
  - [Default Setting for Displaying the Message which Prevents Misprinting](#)

**After loading paper:**

- When you close the feed slot cover:

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

  - **Current rear tray setting.**
    - Please confirm.

    - ![A4 Plain paper]
    - ![Change Yes]

  - If the page size on the touch screen matches the size of the paper loaded in the rear tray, select **Yes**.
  - If not, select **Change** to change the setting in accordance with the size of the loaded paper.
• When you insert the cassette:

The screen to register the cassette paper information is displayed.

If the page size on the touch screen matches the size of the paper loaded in the cassette, select Yes.
If not, select Change to change the setting in accordance with the size of the loaded paper.
* You can load only plain paper in the cassette.

**Important**

• For more on the proper combination of paper settings you can specify by the printer driver (Windows) or on the touch screen:
  ➤ Paper Settings on the Printer Driver and the Printer (Media Type)
  ➤ Paper Settings on the Printer Driver and the Printer (Paper Size)

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

Ex:

• Paper settings for printing/copying: A5
• Paper information registered to the printer: A4
When you start printing/copying, a message is displayed and the paper setting specified for printing/copying is shown under the message.

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

**Note**

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

**Print with the loaded paper.**
Select if you want to print/copy on the paper loaded without changing the paper settings.

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

**Replace the paper and print**
Select if you want to print after replacing the paper of the rear tray or the cassette.

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

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

• If you do not know what paper information to register to the printer, tap (Back) when the screen to select the operation is displayed.

• For more on the proper combination of paper settings you can specify by the printer driver (Windows) or on the touch screen:
  ➤ Paper Settings on the Printer Driver and the Printer (Media Type)
  ➤ Paper Settings on the Printer Driver and the Printer (Paper Size)

Cancel

Cancels printing.

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

Default Setting for Displaying the Message which Prevents Misprinting

• When you print/copy using the operation panel of the printer or when you print from smartphone/tablet:

  The message which prevents misprinting is enabled by default.
  To change the setting:
  ➤ Feed settings

• When you print from Windows:

  The message which prevents misprinting is disabled by default.
  To change the setting:
  ➤ Changing the Printer Operation Mode

• When you print from macOS:

  The message which prevents misprinting is enabled by default.
  To change the setting:
  ➤ Changing the Printer Operation Mode

Important

• When the message which prevents misprinting is disabled:

  The printer starts printing/copying even though the paper settings for printing/copying and the paper information registered to the printer are different.
Copying

- Making Copies
- Basics
- Reducing/Enlarging Copies
- Two-Sided Copying
- Collated Copying
- Special Copy Menu
- Copying Using Smartphone or Tablet
Making Copies

This section describes the procedure to copy with **Standard copy**.

1. **Check that printer is turned on**.

2. **Load paper**.

3. Select **Copy** on the HOME screen.

   ➔ **Using the Operation Panel**

4. Select **Standard copy**.

   The Copy standby screen is displayed.

5. **Load original document on platen or in ADF (Auto Document Feeder)**.

6. Specify settings as necessary.

   ![Copy Settings](image)

   **A**: The scanning method and copy layout is displayed.
   Switch the scanning method from the ADF and layout (single-sided/two-sided).
   **B**: Specify the number of copies.

   ![Copy Settings](image)
Tap ▲ or ▼ to specify the number of copies.  
If you keep touching here, the number scrolls by 10.  
You can also flick the number to specify.  
C: Display the print setting items.  
For more on the setting items:
   ➤ Setting Items for Copying  
D: Specify the page size and the media type.  

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7. Tap **Color** for color copying, or **Black** for black & white copying.  
The printer starts copying.  
Remove the original on the platen or from the document output slot after copying is complete.  

**Important**  
- If you load the original on the platen, do not open the document cover or remove the original while **Scanning document...** is displayed on the touch screen.  
- If you load the original in the ADF, do not move the original until copying is complete.  

**Note**  
- To cancel copying, tap *Stop*.  

**Adding Copying Job (Reserve copy)**  
If you load the original on the platen, you can add the copying job while printing (Reserve copy).  
The screen below is displayed when you can add the copying job.
Load the original on the platen and tap the same button (Color or Black) as the one which you previously tapped.

**Important**

- When you load the original on the platen, move the document cover gently.

**Note**

- When Print qlty (print quality) is set High, you cannot add the copying job.
- When you add the copying job, the number of copies or the settings such as the page size or media type cannot be changed.
- If you tap Stop while reserve copying is in progress, the screen to select the method to cancel copying is displayed. If you select Cancel all reservations, you can cancel copying all scanned data. If you select Cancel the last reservation, you can cancel the last copying job.
- If you set a document of too many pages to add the copying job, Cannot add more copy jobs. Please wait a while and redo the operation may appear on the touch screen. Select OK and wait a while, and then try copying again.
- If Failed to reserve the copy job. Start over from the beginning, appears on the touch screen when scanning, select OK and tap Stop to cancel copying. After that, copy the documents that have not been finished copying.
Setting Items for Copying

You can change the copy settings such as magnification and intensity.

Print Settings Screen

Note

• For more on the print settings screen or the setting item for Photo copy, see Copying Photos.

The following screen is displayed by selecting Settings in the Copy standby screen.

Example in Standard copy:

- Preview

When Preview is displayed on the print settings screen, selecting Preview allows you to preview an image of the printout on the preview screen.

- Setting Items

Flick to display setting items and select the setting item to display the settings. Select to specify the setting.
Note

- Depending on the copy menu, some setting items cannot be selected. This section describes the setting items in **Standard copy**.

  The setting item which cannot be selected is displayed grayed out.

  For more on the setting items for **Photo copy**, see Copying Photos.

- Some settings cannot be specified in combination with the setting of other setting item or the copy menu. If the setting which cannot be specified in combination is selected, ![ exclamation mark ] appears on the touch screen. In this case, select ![ exclamation mark ] on the upper left on the touch screen to check the message and change the setting.

- The settings of the page size, media type, etc. are retained even if the printer is turned off.

- When copying starts in the copy menu that is not available with the specified setting, **The specified function is not available with current settings.** is displayed on the touch screen. Change the setting, following the on-screen instructions.

Following setting items can be changed.

- **Intensity**

  Specify the intensity.

  ![ Intensity setting interface ]

  A: Select to activate/deactivate automatic intensity adjustment.

  When **ON** is selected, the intensity is adjusted automatically according to the originals loaded on the platen.

  B: Drag to specify the intensity.

- **Magnif. (Magnification)**

  Specify the reduction/enlargement method.

  ➔ Reducing/Enlarging Copies

- **Paper src**

  Select a paper source (**Rear tray/Cassette/Auto**) where paper is loaded.

**Note**

- When **Auto** is selected, paper is fed from the paper source where the paper that matches the paper settings (page size and media type) is loaded.
• Page size
  Select the page size of the loaded paper.

• Type (Media type)
  Select the media type of the loaded paper.

• Print qlty (Print quality)
  Adjust print quality according to the original.

  Important
  • If you use Draft with Type set to Plain paper and the quality is not as good as expected, select Standard or High for Print qlty and try copying again.
  • Select High for Print qlty to copy in grayscale. Grayscale renders tones in a range of grays instead of black or white.

• Layout
  Select the layout.
  - Copying Two Pages onto Single Page
  - Copying Four Pages onto Single Page

• ADF duplex scan
  Select whether to perform duplex scanning from the ADF (Auto Document Feeder).
  - Two-Sided Copying

• 2-sidedPrintSetting
  Select whether to perform two-sided copying.
  - Two-Sided Copying

• Collate
  Select whether to obtain sorted printouts when making multiple copies of a multi-paged original.
  - Collated Copying
Scanning

- Scanning from Computer (Windows)
- Scanning from Computer (macOS)
- Scanning from Operation Panel
- Scanning Using Smartphone/Tablet
Scanning from Computer (Windows)

- Scanning According to Item Type or Purpose (IJ Scan Utility)
  - IJ Scan Utility Features
  - Scanning Easily (Auto Scan) Basics
  - Scanning Documents and Photos
  - Creating/Editing PDF Files
    - Setting Passwords for PDF Files
    - Editing Password-Protected PDF Files

- Scanning Using Application Software (ScanGear)

- Scanning Tips
  - Positioning Originals (Scanning from Computer)
  - Network Scan Settings
    - IJ Network Scanner Selector EX2 Menu and Setting Screen
Scanning According to Item Type or Purpose (IJ Scan Utility)

- IJ Scan Utility Features
- Scanning Easily (Auto Scan) [Basics]
- Scanning Documents and Photos
- Creating/Editing PDF Files
  - Setting Passwords for PDF Files
  - Editing Password-Protected PDF Files
IJ Scan Utility Features

Use IJ Scan Utility to scan and save documents, photos, or other items at one time by simply clicking the corresponding icon.

![IJ Scan Utility Interface]

Multiple Scanning Modes

**Auto** allows for one click scanning with default settings for various items. **Document** will sharpen text in a document or magazine for better readability, and **Photo** is best suited for scanning photos.

**Note**

- For details on the IJ Scan Utility main screen, see IJ Scan Utility Main Screen.

Save Scanned Images Automatically

Scanned images are automatically saved to a preset folder. The folder can be changed as needed.

**Note**

- The default save folders are as follows.
  - **Windows 10/Windows 8.1:**
    - Documents folder
  - **Windows 7:**
    - My Documents folder
- To change folder, see Settings Dialog Box.

Application Integration

Scanned images can be sent to other applications. For example, display scanned images in your favorite graphics application, attach them to e-mails, or extract text from images.
Note

• To set the applications to integrate with, see Settings Dialog Box.
Scanning Easily (Auto Scan)

Auto Scan allows for automatic detection of the type of the item placed on the platen or ADF (Auto Document Feeder).

**Important**

- The following types of items may not be scanned correctly. In that case, adjust the cropping frames (scan areas) in whole image view of ScanGear (scanner driver), and then scan again.
  - Photos with a whitish background
  - Items printed on white paper, hand-written text, business cards, and other unclear items
  - Thin items
  - Thick items
- When scanning two or more documents from the ADF, place documents of the same size.

1. Make sure scanner or printer is turned on.

2. Place items on platen or ADF.
   - Positioning Originals (Scanning from Computer)

3. Start IJ Scan Utility.

4. Click **Auto**.

   ![IJ Scan Utility](image)

Scanning starts.

**Note**

- To cancel the scan, click **Cancel**.
- Use the **Settings (Auto Scan)** dialog box to set where to save the scanned images and to make advanced scan settings.
- To scan a specific item type, see the following pages.
  - Scanning Documents and Photos
  - Scanning with Favorite Settings
  - Scanning Multiple Documents at One Time from the ADF (Auto Document Feeder)
Scanning Documents and Photos

Scan items placed on the platen with settings suitable for documents or photos.
Save documents in formats such as PDF and JPEG, and photos in formats such as JPEG and TIFF.

1. Place the Item on the Platen
   ➤ Positioning Originals (Scanning from Computer)

2. Start IJ Scan Utility.

3. To specify the paper size, resolution, PDF settings, etc., click Settings..., and then set each item in the Settings dialog box.

   ➤ Note
   • Once settings are made in the Settings dialog box, the same settings can be used for scanning from the next time.
   • In the Settings dialog box, specify image processing settings such as slant correction and outline emphasis, set the destination of the scanned images, and more, as needed.

   When setting is completed, click OK.

4. Click Document or Photo.

   Scanning starts.

   ➤ Note
   • To cancel the scan, click Cancel.
Creating/Editing PDF Files

You can create PDF files by scanning items placed on the platen or ADF (Auto Document Feeder). Add, delete, rearrange pages or make other edits in the created PDF files.

Important

- You can create or edit up to 100 pages of a PDF file at one time.
- Only PDF files created or edited in IJ Scan Utility or IJ PDF Editor are supported. PDF files created or edited in other applications are not supported.

Note

- You can also create PDF files from images saved on a computer.
- Selectable file formats are PDF, JPEG, TIFF, and PNG.
- Images whose number of pixels in the vertical or horizontal direction is 10501 or more cannot be used.
- When you select a password-protected PDF file, you must enter the password.

Editing Password-Protected PDF Files

1. Place items on platen or ADF.

2. Start IJ Scan Utility.

3. Click PDF Editor.

   IJ PDF Editor starts.

4. To specify paper size, resolution, and other settings, click Settings... from the File menu, and then set each item in the Settings (Document Scan) dialog box.

   Note

   - Once settings are made in the Settings dialog box, the same settings can be used for scanning from the next time.
   - In the Settings dialog box, specify image processing settings such as slant correction and outline emphasis.

When setting is completed, click OK.
5. Click \( \text{Scan} \) on Toolbar.

Scanning starts.

Note

- To open a file saved on the computer, click **Open...** from the **File** menu, and then select the file you want to edit.
- You can switch the view with the Toolbar buttons. For details, see PDF Edit Screen.

6. Add pages as needed.

   **When scanning and adding more items:**

   Place items, and then click \( \text{Scan} \) on the Toolbar.

   **When adding existing images or PDF files:**

   Click \( \text{Add Page} \) on the Toolbar. After the **Open** dialog box appears, select the image(s) or PDF file(s) you want to add, and then click **Open**.

   Note

   - You can also add images or PDF files from **Add Page from Saved Data...** in the **File** menu.

7. Edit pages as needed.

   **When changing page order:**

   Click the page you want to move, and then click \( \text{Page Up} \) or \( \text{Page Down} \) on the Toolbar to change the page order. You can also change the page order by dragging and dropping a page to the target location.
When deleting pages:

Click the page you want to delete, and then click (Delete Page) on the Toolbar.

Note

- These buttons appear when two or more pages have been created.

8. Select Save As... in File menu.

The Save dialog box appears.

   
   ➤ Save Dialog Box (PDF Edit Screen)

10. Click Save.

   The PDF file is saved.

Note

- When a password-protected PDF file is edited, the passwords will be deleted. Reset the passwords in the Save dialog box.
   
   ➤ Setting Passwords for PDF Files

- To overwrite a saved file, click (Save) on the Toolbar.
Scanning Using Application Software (ScanGear)

- What Is ScanGear (Scanner Driver)?
- Starting ScanGear (Scanner Driver)
- Scanning in Basic Mode
- ScanGear (Scanner Driver) Screens
- General Notes (Scanner Driver)

**Important**

- Available functions and settings vary depending on your scanner or printer.
What Is ScanGear (Scanner Driver)?

ScanGear (scanner driver) is software required for scanning documents. Use the software to specify the output size, image corrections, and other settings.

ScanGear can be started from IJ Scan Utility or applications that are compatible with the standard TWAIN interface. (ScanGear is a TWAIN-compatible driver.)

Features

Specify the document type, output size, and other settings when scanning documents and preview scan results. Make various correction settings or finely adjust the brightness, contrast, and other parameters to scan in a specific color tone.

Screens

There are two modes: Basic Mode and Advanced Mode.

Switch modes with the tabs on the upper right of the screen.

Basic Mode

Use the Basic Mode tab to scan easily by following three simple on-screen steps (1, 2, and 3).

Note

- ScanGear starts in the last used mode.
- Settings are not retained when you switch modes.
Advanced Mode

Use the Advanced Mode tab to scan by specifying the color mode, output resolution, image brightness, color tone, and other settings.
Starting ScanGear (Scanner Driver)

Use ScanGear (scanner driver) to make image corrections and color adjustments when scanning. Start ScanGear from IJ Scan Utility or other applications.

Note

• If you have more than one scanner or have a network compatible model and changed the connection from USB connection to network connection, set up the network environment.

Starting from IJ Scan Utility

1. Start IJ Scan Utility.
   For details, click Home to return to the top page of the Online Manual for your model and search for "Starting IJ Scan Utility."

2. In IJ Scan Utility main screen, click ScanGear.
   The ScanGear screen appears.

Starting from Application

The procedure varies depending on the application. For details, see the application's manual.

1. Start application.

2. On application's menu, select machine.

   Note
   • A machine connected over a network, will have "Network" displayed after the product name.

3. Scan document.
   The ScanGear screen appears.
Scanning in Basic Mode

Use the Basic Mode tab to scan easily by following these simple on-screen steps.

To scan multiple documents at one time from the Platen, see Scanning Multiple Documents at One Time with ScanGear (Scanner Driver).

When scanning from the ADF (Auto Document Feeder), preview is not available.

**Important**

- The following types of documents may not be scanned correctly. In that case, click (Thumbnail) on the Toolbar to switch to whole image view and scan.
  - Photos with a whitish background
  - Documents printed on white paper, hand-written text, business cards, and other unclear documents
  - Thin documents
  - Thick documents

- The following types of documents cannot be scanned correctly.
  - Documents smaller than 1.2 inches (3 cm) square
  - Photos that have been cut to irregular shapes

**Note**

- Both sides of a two sided document can be scanned simultaneously on models with ADF duplex scanning support.

1. Place document on machine’s Platen or ADF, and then start ScanGear (scanner driver).
   - Positioning Originals (Scanning from Computer)
   - Starting ScanGear (Scanner Driver)

2. Set Select Source to match your document.
Important

• Some applications do not support continuous scanning from the ADF. For details, see the application's manual.

Note

• To scan magazines containing many color photos, select Magazine (Color).

3. Click Preview.

Preview image appears in the Preview area.

Important

• Preview is not available when scanning from the ADF.

Note

• Colors are adjusted based on the document type selected in Select Source.

4. Set Destination.

Note

• Skip ahead to Step 7 if an ADF option is selected in Select Source.

5. Set Output Size.

Output size options vary with the selected Destination.

6. Adjust cropping frames (scan areas) as needed.

Adjust the size and position of the cropping frames on the preview image.

Adjusting Cropping Frames (ScanGear)
7. Set **Image corrections** as needed.

8. Click **Scan**.
   
   Scanning starts.

**Note**

- Click (Information) to display a dialog box showing the document type and other details of the current scan settings.
- How ScanGear behaves after scanning is complete can be set from **Status of ScanGear dialog after scanning** on the **Scan** tab of the **Preferences** dialog box.

**Related Topic**

- [Basic Mode Tab](#)
ScanGear (Scanner Driver) Screens

- Basic Mode Tab
- Advanced Mode Tab
Basic Mode Tab

Use the Basic Mode tab to scan easily by following these simple on-screen steps.

This section describes the settings and functions available on the Basic Mode tab.

(1) Settings and Operation Buttons

(2) Toolbar

(3) Preview Area

Note

- The displayed items vary by document type and view.
- Preview is not available when scanning from the ADF (Auto Document Feeder).

(1) Settings and Operation Buttons

Select Source

- Photo (Color)
  - Scan color photos.

- Magazine (Color)
  - Scan color magazines.

- Document (Color)
  - Scan documents in color.

- Document (Grayscale)
  - Scan documents in black and white.

- Document (Color) ADF Simplex
  - Scan documents from the ADF in color.

- Document (Grayscale) ADF Simplex
  - Scan documents from the ADF in black and white.
Document (Color) ADF Duplex (only for models supporting ADF duplex scanning)
Scan both sides of documents from the ADF in color.

Document (Grayscale) ADF Duplex (only for models supporting ADF duplex scanning)
Scan both sides of documents from the ADF in black and white.

Important

• Some applications do not support continuous scanning from the ADF. For details, see the application's manual.

Note

• When you select a document type, the unsharp mask function will be active.
• When you select an option other than the ADF types, the image adjustment function which adjusts images based on the document type will also be active.
• When you select Magazine (Color), the descreen function will be active.

Display Preview Image

Preview
Performs a trial scan.

Note

• When using the machine for the first time, scanner calibration starts automatically. Wait a while until the preview image appears.

Destination
Select what you want to do with the scanned image.

Print
Select this to print the scanned image on a printer.

Image display
Select this to view the scanned image on a monitor.

OCR
Select this to use the scanned image with OCR software.
"OCR software" is software that converts text scanned as an image into text data that can be edited in word processors and other programs.

Output Size
Select an output size.

Output size options vary by the item selected in Destination.

Flexible
Adjust the cropping frames (scan areas) freely.

In thumbnail view:
Drag the mouse over a thumbnail to display a cropping frame. When a cropping frame is displayed, the portion within the cropping frame will be scanned. When no cropping frame is displayed, each frame is scanned individually.

In whole image view:
When no cropping frame is displayed, the entire Preview area will be scanned. When a cropping frame is displayed, the portion within the cropping frame will be scanned.

Paper Size (such as L or A4)
Select an output paper size. The portion within the cropping frame will be scanned at the size of the selected paper size. Drag the cropping frame to enlarge/reduce it while maintaining the aspect ratio.

Monitor Size (such as 1024 x 768 pixels)
Select an output size in pixels. A cropping frame of the selected monitor size will appear and the portion within the cropping frame will be scanned. Drag the cropping frame to enlarge/reduce it while maintaining the aspect ratio.

Add/Delete...
Displays the Add/Delete the Output Size dialog box for specifying custom output sizes. This option can be selected when Destination is Print or Image display.

In the Add/Delete the Output Size dialog box, multiple output sizes can be specified and then saved at one time. Saved items will be registered to the Output Size list and can be selected, along with the predefined items.

Adding:
Enter Output Size Name, Width, and Height, and then click Add. For Unit, select inches or mm if Destination is Print; if it is Image display, only pixels can be selected. The name of the added size appears in Output Size List. Click Save to save the items listed in Output Size List.
Deleting:
Select the output size you want to delete in Output Size List, and then click Delete. Click Save to save the items listed in Output Size List.

---

**Important**

- Predefined output sizes such as A4 and 1024 x 768 pixels cannot be deleted.

---

**Note**

- Save up to 10 items.
- An error message appears when you enter a value outside the setting range. Enter a value within the setting range.

---

**Note**

- For details on whether or how the cropping frame initially appears on a preview image, see Cropping Frame on Previewed Images in Preview Tab of the Preferences dialog box.

---

**Invert aspect ratio**

Available when Output Size is set to anything but Flexible.

Click this button to rotate the cropping frame. Click again to return it to the original orientation.

---

**Adjust cropping frames**

Adjust the scan area within the Preview area.

If an area is not specified, the document will be scanned at the document size (Auto Crop). If an area is specified, only the portion in the cropping frame will be scanned.

 nhấn “Adjusting Cropping Frames (ScanGear)”

---

**Image corrections**

Correct the image to be scanned.

---

**Important**

- Apply Auto Document Fix and Correct fading are available when Recommended is selected on the Color Settings tab of the Preferences dialog box.

---

**Note**

- Available functions vary by the document type selected in Select Source.

---

**Apply Auto Document Fix**

Sharpens text in a document or magazine for better readability.

---

**Important**

- Scanning may take longer than usual when this checkbox is selected.
- The color tone may change from the source image due to corrections. In that case, deselect the checkbox and scan.
- Correction may not be applied properly if the scan area is too small.

---

**Correct fading**

Corrects photos that have faded with time or have a colorcast.
Reduce gutter shadow
Corrects shadows that appear between pages when scanning open booklets.

Important
• Be sure to see Gutter Shadow Correction for precautions and other information on using this function.

Color Pattern...
Adjust the image's overall color. Correct colors that have faded due to colorcast or other reasons and reproduce natural colors while previewing color changes.

Adjusting Colors Using a Color Pattern

Important
• This setting is not available when Color Matching is selected on the Color Settings tab of the Preferences dialog box.

Perform Scan
Scan
Starts scanning.

Note
• When scanning starts, the progress appears. To cancel the scan, click Cancel.

Preferences...
Displays the Preferences dialog box for making scan/preview settings.

Close
Closes ScanGear (scanner driver).

(2) Toolbar
Adjust or rotate preview images. The buttons displayed on the Toolbar vary by view.

In thumbnail view:

In whole image view:

Switches the view in the Preview area.

(3) Preview Area

(Rotate Left)
Rotates the preview image 90 degrees counter-clockwise.
• The result will be reflected in the scanned image.
• The image returns to its original state when you preview again.

(Rotate Right)
Rotates the preview image 90 degrees clockwise.
• The result will be reflected in the scanned image.
• The image returns to its original state when you preview again.

(Auto Crop)
Displays and adjusts the cropping frame automatically to the size of the document displayed in the Preview area. The scan area is reduced every time you click this button if there are croppable areas within the cropping frame.

(Check All Frames)
Available when two or more frames are displayed.
Selects the checkboxes of the images in thumbnail view.

(Uncheck All Frames)
Available when two or more frames are displayed.
Deselects the checkboxes of the images in thumbnail view.

(Select All Frames)
Available when two or more frames are displayed.
Selects the images in thumbnail view and outlines them in blue.

(Select All Cropping Frames)
Available when two or more cropping frames are specified.
Turns the cropping frames into thick broken lines and applies the settings to all of them.

(Remove Cropping Frame)
Removes the selected cropping frame.

(Information)
Displays the version of ScanGear, along with the document type and other details of the current scan settings.

(Open Guide)
Opens this page.

(3) Preview Area
This is where a trial image appears after you click Preview. The results of image corrections, color adjustments, and other settings made in (1) Settings and Operation Buttons are also reflected.
When [Thumbnail] is displayed on Toolbar:

Cropping frames are specified according to the document size, and thumbnails of scanned images appear. Only the images with the checkbox selected will be scanned.

**Note**

- When multiple images are previewed, different outlines indicate different selection status.
  - Focus Frame (thick blue outline): The displayed settings will be applied.
  - Selected Frame (thin blue outline): The settings will be applied to the Focus Frame and Selected Frames simultaneously. To select multiple images, click them while pressing the Ctrl key.
  - Unselected (no outline): The settings will not be applied.

- Double-click a frame to enlarge the image. Click 
  (Frame Advance) at the bottom of the screen to display the previous or next frame. Double-click the enlarged frame again to return it to its original state.

When [Whole Image] is displayed on Toolbar:

Items on the Platen are scanned and appear as a single image. All portions in the cropping frames will be scanned.
Note

- Create cropping frame(s) on the displayed image. In thumbnail view, one cropping frame can be created per image. In whole image view, multiple cropping frames can be created.

  ➤ Adjusting Cropping Frames (ScanGear)

Related Topic

➤ Scanning in Basic Mode
Advanced Mode Tab

This mode allows you to make advanced scan settings such as the color mode, output resolution, image brightness, and color tone.

This section describes the settings and functions available on the Advanced Mode tab.

(1) Settings and Operation Buttons
(2) Toolbar
(3) Preview Area

Important

- The displayed items vary depending on your model, document type, and view.
- The preview function is not available when scanning from the ADF (Auto Document Feeder).

(1) Settings and Operation Buttons

Favorite Settings
You can name and save a group of settings (Input Settings, Output Settings, Image Settings, and Color Adjustment Buttons) on the Advanced Mode tab, and load it as required. It is convenient to save a group of settings if you will be using it repeatedly. You can also use this to reload the default settings.

Select Add/Delete... from the pull-down menu to open the Add/Delete Favorite Settings dialog box.
Enter **Setting Name** and click **Add**; the name appears in **Favorite Settings List**.

When you click **Save**, the item appears in the **Favorite Settings** list and can be selected, along with the predefined items.

To delete an item, select it in **Favorite Settings List** and click **Delete**. Click **Save** to save the settings displayed in **Favorite Settings List**.

**Note**
- You can set **Add/Delete...** in **Favorite Settings** after preview.
- Save up to 10 items.

**Input Settings**
Specify the input settings such as the document type and size.

**Output Settings**
Specify the output settings such as the output resolution and size.

**Image Settings**
Enable/disable various image correction functions.

**Color Adjustment Buttons**
Fine corrections to the image brightness and color tones can be made including adjustments to the image's overall brightness or contrast and adjustments to its highlight and shadow values (histogram) or balance (tone curve).

**Zoom**
Zooms in on a frame, or zooms in on the image in the area specified with a cropping frame (scan area). When zoomed in, **Zoom** changes to **Undo**. Click **Undo** to return the display to its non-magnified state.

**In thumbnail view:**
When multiple images are displayed in thumbnail view, clicking this button zooms in on the selected frame. Click (Frame Advance) at the bottom of the screen to display the previous or next frame.

**Note**
- You can also zoom in on an image by double-clicking the frame. Double-click the enlarged frame again to return it to its original state.

**In whole image view:**
Rescans the image in the area specified with a cropping frame at higher magnification.
**Note**

- **Zoom** rescans the document and displays high-resolution image in Preview.
- **🔍 (Enlarge/Reduce)** on the Toolbar zooms in on the preview image quickly. However, the resolution of the displayed image will be low.

**Preview**

Performs a trial scan.

**Scan**

Starts scanning.

**Note**

- When scanning starts, the progress appears. To cancel the scan, click **Cancel**.
- When scanning is completed, a dialog box prompting you to select the next action may appear. Follow the prompt to complete. For details, refer to **Status of ScanGear dialog after scanning** in **Scan Tab** (**Preferences** dialog box).
- It will take time to process the images if the total size of the scanned images exceeds a certain size. In that case, a warning message appears; it is recommended that you reduce the total size. To continue, scan in whole image view.

**Preferences...**

Displays the **Preferences** dialog box for making scan/preview settings.

**Close**

Closes ScanGear (scanner driver).

**(2) Toolbar**

Adjust or rotate preview images. The buttons displayed on the Toolbar vary by view.
In thumbnail view:

In whole image view:

(Thumbnail) / (Whole Image)
Switches the view in the Preview area.

(Clear)
Deletes the preview image from the Preview area.
It also resets the Toolbar and color adjustment settings.

(Crop)
Allows you to specify the scan area by dragging the mouse.

(Move Image)
Allows you to drag the image until the part you want to see is displayed when an image enlarged in the Preview area does not fit in the screen. You can also move the image using the scroll bars.

(Enlarge/Reduce)
Allows you to zoom in on the Preview area by clicking the image. Right-click the image to zoom out.

(Rotate Left)
Rotates the preview image 90 degrees counter-clockwise.
- The result will be reflected in the scanned image.
- The image returns to its original state when you preview again.

(Rotate Right)
Rotates the preview image 90 degrees clockwise.
- The result will be reflected in the scanned image.
- The image returns to its original state when you preview again.

(Auto Crop)
Displays and adjusts the cropping frame automatically to the size of the document displayed in the Preview area. The scan area is reduced every time you click this button if there are croppable areas within the cropping frame.

(Complete Frames)
Available when two or more frames are displayed.
Selects the checkboxes of the images in thumbnail view.
(Uncheck All Frames)
Available when two or more frames are displayed.
Deselects the checkboxes of the images in thumbnail view.

(Select All Frames)
Available when two or more frames are displayed.
Selects the images in thumbnail view and outlines them in blue.

(Select All Cropping Frames)
Available when two or more cropping frames are specified.
Turns the cropping frames into thick broken lines and applies the settings to all of them.

(Remove Cropping Frame)
Removes the selected cropping frame.

(Information)
Displays the version of ScanGear, along with the document type and other details of the current scan settings.

(Open Guide)
Opens this page.

(3) Preview Area
This is where a trial image appears after you click Preview. The results of image corrections, color adjustments, and other settings made in (1) Settings and Operation Buttons are also reflected.

When (Thumbnail) is displayed on Toolbar:
Cropping frames are specified according to the document size, and thumbnails of scanned images appear. Only the images with the checkbox selected will be scanned.
Note

• When multiple images are previewed, different outlines indicate different selection status.
  • Focus Frame (thick blue outline): The displayed settings will be applied.
  • Selected Frame (thin blue outline): The settings will be applied to the Focus Frame and Selected Frames simultaneously. To select multiple images, click them while pressing the Ctrl key.
  • Unselected (no outline): The settings will not be applied.

When 📷 (Whole Image) is displayed on Toolbar:
Items on the Platen are scanned and appear as a single image. All portions in the cropping frames will be scanned.

Note

• Create cropping frame(s) on the displayed image. In thumbnail view, one cropping frame can be created per image. In whole image view, multiple cropping frames can be created.
  ➤ Adjusting Cropping Frames (ScanGear)

Related Topic

➤ Scanning in Advanced Mode
➤ Scanning Multiple Documents from the ADF (Auto Document Feeder) in Advanced Mode
General Notes (Scanner Driver)

ScanGear (scanner driver) is subject to the following restrictions. Keep these points in mind when using it.

Scanner Driver Restrictions

- When using the NTFS file system, the TWAIN data source may not be invoked. This is because the TWAIN module cannot be written to the winnt folder for security reasons. Contact the computer's administrator for help.
- Some computers (including laptops) connected to the machine may not resume correctly from standby mode. In that case, restart the computer.
- Do not connect two or more scanners or multifunction printers with scanner function to the same computer simultaneously. If multiple scanning devices are connected, you cannot scan from the operation panel or scanner buttons of the machine and also may experience errors while accessing the devices.
- Calibration may take time if the machine is connected via USB1.1.
- Scanning may fail if the computer has resumed from sleep or standby mode. In that case, follow these steps and scan again.

If your model has no power button, perform Step 2 only.

1. Turn off the machine.
2. Exit ScanGear, then disconnect the USB cable from the computer and reconnect it.
3. Turn on the machine.

If scanning still fails, restart the computer.

- ScanGear cannot be opened in multiple applications at the same time. Within an application, ScanGear cannot be opened for the second time when it is already open.
- Be sure to close the ScanGear window before closing the application.
- When using a network compatible model by connecting to a network, the machine cannot be accessed from multiple computers at the same time.
- When using a network compatible model by connecting to a network, scanning takes longer than usual.
- Make sure that you have adequate disk space available when scanning large images at high resolutions. For example, at least 300 MB of free space is required to scan an A4 document at 600 dpi in full-color.
- ScanGear and WIA driver cannot be used at the same time.
- Do not enter the computer into sleep or hibernate state during scanning.

Applications with Restrictions on Use

- Some applications may not display the TWAIN user interface. In that case, refer to the application's manual and change the settings accordingly.
- Some applications do not support continuous scanning of multiple documents. In some cases, only the first scanned image is accepted, or multiple images are scanned as one image. For such applications, do not scan multiple documents from the ADF (Auto Document Feeder).
- To import scanned images into Microsoft Office 2000, first save them using IJ Scan Utility, then import the saved files from the Insert menu.
• When scanning Platen size images into Microsoft Office 2003 (Word, Excel, PowerPoint, etc.), click Custom Insert in the Insert Picture from Scanner or Camera screen. Otherwise, images may not be scanned correctly.
• When scanning images into Microsoft Office 2007/Microsoft Office 2010 (Word, Excel, PowerPoint, etc.), use Microsoft Clip Organizer.
• Images may not be scanned correctly in some applications. In that case, increase the operating system's virtual memory and retry.
• When image size is too large (such as when scanning large images at high resolution), your computer may not respond or the progress bar may remain at 0 % depending on the application. In that case, cancel the action (for example by clicking Cancel on the progress bar), then increase the operating system's virtual memory or reduce the image size/resolution and retry. Alternatively, scan the image via IJ Scan Utility first, then save and import it into the application.
Scanning Tips

➤ Positioning Originals (Scanning from Computer)

➤ Network Scan Settings

   • IJ Network Scanner Selector EX2 Menu and Setting Screen
Positioning Originals (Scanning from Computer)

This section describes how to load originals on the platen or ADF (Auto Document Feeder) for scanning. If items are not placed correctly they may not be scanned correctly.

**Important**

- Be sure to observe the following when loading the original on the platen. Failure to observe the following may cause the scanner to malfunction or the platen glass to break.
  - Do not place any objects weighing 4.4 lb (2.0 kg) or more on the platen glass.
  - Do not put any pressure of 4.4 lb (2.0 kg) or more on the platen glass, such as pressing down the original.
  - Close the document cover when scanning.
  - Do not touch the operation panel buttons or LCD (Liquid Crystal Display) when opening/closing the document cover. May result in unintended operation.

**Placing Items (Platen)**

**Placing Documents (ADF (Auto Document Feeder))**

**Placing Items (Platen)**

Place items as described below to scan by detecting the item type and size automatically.

**Important**

- When scanning by specifying the paper size in IJ Scan Utility or ScanGear (scanner driver), align an upper corner of the item with the corner at the arrow (alignment mark) of the platen.
- Photos that have been cut to irregular shapes and items smaller than 1.2 inches (3 cm) square cannot be cropped accurately when scanning.
- Reflective disc labels may not be scanned as expected.

<table>
<thead>
<tr>
<th>Photos, Postcards, Business Cards, and BD/DVD/CD</th>
<th>Magazines, Newspapers, and Documents</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Photo" /> <img src="image2.png" alt="Postcard" /> <img src="image3.png" alt="Business Card" /> <img src="image4.png" alt="BD/DVD/CD" /></td>
<td><img src="image5.png" alt="Magazine" /> <img src="image6.png" alt="Newspaper" /> <img src="image7.png" alt="Document" /></td>
</tr>
</tbody>
</table>

**Single item:**

Place the item face-down on the platen, with 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and the item. Portions placed on the diagonally striped area cannot be scanned.

Place the item face-down on the platen and align an upper corner of the item with the corner at the arrow (alignment mark) of the platen. Portions placed on the diagonally striped area cannot be scanned.
Important

• Large items (such as A4 size photos) that cannot be placed away from the edges/arrow (alignment mark) of the platen may be saved as PDF files. To save in a format other than PDF, scan by specifying the data format.

Multiple items:
Allow 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and items, and between items. Portions placed on the diagonally striped area cannot be scanned.

Note

• Place up to 12 items.
• Positions of slanted items (10 degrees or less) are corrected automatically.

Important

• For the portions in which items cannot be scanned, see Loading Originals.

Placing Documents (ADF (Auto Document Feeder))

Important

• Do not leave thick items on the platen when scanning from the ADF. May result in paper jam.
• Place and align documents of the same size when scanning two or more documents.
• For supported document sizes when scanning from the ADF, see Supported Originals.

1. Make sure any original has been removed from platen.
2. Open document tray (A).

3. Slide the paper guides (B) all the way out.

4. Load document with side to scan facing up in document tray.
   Insert the document until it stops.

5. Adjust document guide (B) to match width of document.
   Do not slide the document guide too hard against the document. The document may not be fed properly.
Network Scan Settings

You can connect your scanner or printer to a network to share it among multiple computers or scan images into a specified computer.

**Important**
- Multiple users cannot scan at the same time.

**Note**
- Complete the network settings of your scanner or printer beforehand from the Setup CD-ROM or by following the instructions our website.
- With network connection, scanning takes longer than USB connection.

Complete the following settings to enable scanning over a network.

### Specifying Your Scanner or Printer

Use IJ Network Scanner Selector EX to specify the scanner you want to use. By specifying the scanner, you can scan over a network from your computer or the operation panel.

**Important**
- If the product you want to use is changed with IJ Network Scanner Selector EX, the product used for scanning with IJ Scan Utility changes as well. The product for scanning from the operation panel also changes.

If your scanner or printer is not selected in IJ Scan Utility, check that it is selected with IJ Network Scanner Selector EX.

Refer to "IJ Network Scanner Selector EX2 Menu and Setting Screen" for your model from Home of the Online Manual for details.

- To scan from the operation panel, specify your scanner or printer with IJ Network Scanner Selector EX beforehand.

1. Check that IJ Network Scanner Selector EX is running.

   If IJ Network Scanner Selector EX is running, (IJ Network Scanner Selector EX2) appears in the notification area on the desktop. Click to check the hidden icons as well.

**Note**
- If the icon is not displayed in the notification area on the desktop, follow the procedure below to start.
  - **Windows 10:**
    From the Start menu, click (All apps >) Canon Utilities > IJ Network Scanner Selector EX2.
  - **Windows 8.1:**
    Click IJ Network Scanner Selector EX2 on the Start screen.
If IJ Network Scanner Selector EX2 is not displayed on the Start screen, select the Search charm, then search for "IJ Network Scanner Selector EX2".

- **Windows 7:**
  
  From the Start menu, click All Programs > Canon Utilities > IJ Network Scanner Selector EX2 > IJ Network Scanner Selector EX2.

  The icon appears in the notification area on the desktop, and the Scan-from-PC Settings screen appears. In that case, skip ahead to Step 3.

2. In the notification area on the desktop, right-click (IJ Network Scanner Selector EX2), then select Settings....

   The Scan-from-PC Settings screen appears.

3. Select your scanner or printer from Scanners.

   Normally, the MAC address of your scanner or printer is already selected after the network setup. In that case, you do not need to select it again.

   **Important**

   - If multiple scanners exist on the network, multiple model names appear. In that case, you can select one scanner per model.

4. Click OK.

   **Note**

   - The scanner selected in the Scan-from-PC Settings screen will be automatically selected in the Scan-from-Operation-Panel Settings screen as well.

### Setting for Scanning with IJ Scan Utility

To scan from IJ Scan Utility using a scanner or printer connected to a network, specify your scanner or printer with IJ Network Scanner Selector EX, then follow the steps below to change the connection status between it and the computer.

1. Start IJ Scan Utility.

2. Select "Canon XXX series Network" (where "XXX" is the model name) for Product Name.

3. Click Settings... to use another scanner connected to a network.

4. Click (General Settings), then click Select in Product Name.

   The Scan-from-PC Settings screen of IJ Network Scanner Selector EX appears.
Select the scanner you want to use and click OK.

5. In the Settings (General Settings) dialog box, click OK.

The IJ Scan Utility main screen reappears. You can scan via a network connection.

Setting for Scanning from the Operation Panel

You can make the setting for scanning from the operation panel.

Important

- Set IJ Scan Utility to use your scanner or printer via a network connection beforehand.
  
  ⇒ Setting for Scanning with IJ Scan Utility

1. Check that IJ Network Scanner Selector EX is running.

If IJ Network Scanner Selector EX is running, 🔄 (IJ Network Scanner Selector EX2) appears in the notification area on the desktop. Click 🔄 to check the hidden icons as well.

Note

- If the icon is not displayed in the notification area on the desktop, follow the procedure below to start.

  - Windows 10:
    From the Start menu, click (All apps >) Canon Utilities > IJ Network Scanner Selector EX2.

  - Windows 8.1:
    Click IJ Network Scanner Selector EX2 on the Start screen.
    If IJ Network Scanner Selector EX2 is not displayed on the Start screen, select the Search charm, then search for "IJ Network Scanner Selector EX2".

  - Windows 7:
    From the Start menu, click All Programs > Canon Utilities > IJ Network Scanner Selector EX2 > IJ Network Scanner Selector EX2.
    The icon appears in the notification area on the desktop, and the Scan-from-PC Settings screen appears. In that case, skip ahead to Step 3.

2. In the notification area on the desktop, right-click 🔄 (IJ Network Scanner Selector EX2), then select Settings....

   The Scan-from-PC Settings screen appears.

3. Click Scan-from-Operation-Panel Settings.

   The Scan-from-Operation-Panel Settings screen appears.
4. Select your scanner or printer from **Scanners** and click **OK**.

Select the MAC address of your scanner or printer.

**Note**

- When multiple scanners are connected via a network, you can select up to three scanners.

5. In the Scan-from-PC Settings screen, click **OK**.

**Note**

- If your scanner or printer does not appear, check the following, click **OK** to close the screen, then reopen it and try selecting again.
  - MP Drivers is installed
  - Network settings of your scanner or printer is completed after installing the MP Drivers
  - Network communication between your scanner or printer and computer is enabled

If the problem is still not solved, see [Network Communication Problems](#).
Scanning Using Smartphone/Tablet

- Using PIXMA/MAXIFY Cloud Link
- Printing/Scanning with Wireless Direct
Frequently Asked Questions

Network

- Cannot Find Printer on Network
- Cannot Find Printer while Using Wi-Fi
- Network Key (Password) Unknown
- Cannot Print or Connect

For other questions about network, click here.

Print

- Printer Does Not Print
- Printouts Are Blank/Blurry or Fuzzy/Inaccurate or Bleeding Colors/Streaks or Lines
- Printout Results Are Unsatisfactory
- List of Support Code for Error (Paper Jams)
- Cannot Print or Connect

Installation

- Failed to MP Drivers Installation (Windows)

Error

- An Error Occurs
- Message (Support Code) Appears

Solve Problems

Printer Does Not Work

- Printer Does Not Turn On
- Printer Turns Off Unexpectedly or Repeatedly
- Wrong Language Appears in Touch Screen
- Display on Touch Screen Is Off
- USB Connection Problems
- Cannot Communicate with Printer via USB
- Printer Does Not Print
- Copying/Printing Stops
- Cannot Print Using AirPrint
- Printer Prints Slowly
- Ink Does Not Come Out
- List of Support Code for Error (Paper Jams)
- Paper Does Not Feed Properly/"No Paper" Error
- Cannot Print on the Disc Label
- Automatic Duplex Printing Problems
- Printout Results Are Unsatisfactory
Scanning Problems (Windows)
Scanning Problems (macOS)
Scan Results Are Unsatisfactory (Windows)
Scan Results Are Unsatisfactory (macOS)

Cannot Print/Scan from Smartphone/Tablet

Cannot Set Correctly (Network)

Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)
Cannot Find Printer while Using Wi-Fi
Cannot Find Printer while Using Wired LAN

Printer Suddenly Stopped Working for Some Reason

Network Key (Password) Unknown
Forgot Administrator Password of Printer

Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings

Message Appears on Computer During Setup
Checking Network Information
Restoring to Factory Defaults

Cannot Set Correctly (Installation)

Failed to MP Drivers Installation (Windows)
Easy-WebPrint EX Does Not Start or Easy-WebPrint EX Menu Does Not Appear (Windows)

Updating MP Drivers in Network Environment (Windows)

Error or Message Appears

An Error Occurs
Message (Support Code) Appears
Error Message Appears on PictBridge (Wi-Fi) Compliant Device

List of Support Code for Error

IJ Scan Utility Error Messages (Windows)
IJ Scan Utility Lite Error Messages (macOS)
ScanGear (Scanner Driver) Error Messages (Windows)

Operation Problems

Network Communication Problems
Printing Problems
Problems while Printing/Scanning from Smartphone/Tablet
Scanning Problems (Windows)
Scanning Problems (macOS)
Mechanical Problems
Installation and Download Problems
Errors and Messages
If You Cannot Solve a Problem
Network Settings and Common Problems

Here are frequently asked questions on network. Select a connection method you are using, or you want to use.

Wireless LAN

Cannot Find Printer

- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)
- Cannot Proceed beyond Printer Connection Screen
- Printer Is Not Found by Printer Find Screen of Setup
- Searching Printer by IP Address or Host Name During Setup
- Error Occurs During Wi-Fi Setup
- Detect Same Printer Name
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

Cannot Print or Connect

- Printer Suddenly Stopped Working for Some Reason
- Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings
- Cannot Access to Internet on Wi-Fi from Communication Device
- Connecting Printer and Wireless Router Using Easy wireless connect
- Cannot Connect Smartphone/Tablet to Wireless Router
- Error Occurs During Wi-Fi Setup
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

- Network Key (Password) Unknown
- Forgot Administrator Password of Printer
- Checking Network Information
- Restoring to Factory Defaults
- Checking Wireless Router SSID/Key
- Checking Wireless Router Network Name (SSID) for Smartphone/Tablet
- Privacy Separator/SSID Separator/Network Separation Function
- Default Network Settings
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Checking Status Code
Printing/Scanning from Smartphone/Tablet

- Connecting Printer and Wireless Router Using Easy wireless connect
- Cannot Connect Smartphone/Tablet to Wireless Router
- Checking Wireless Router Network Name (SSID) for Smartphone/Tablet
- Setting Up Using Smartphone/Tablet
- Cannot Print/Scan from Smartphone/Tablet
- Cannot Find Printer from Smartphone/Tablet while Using Bluetooth
- Downloading Canon PRINT Inkjet/SELPHY

Problems while Using Printer

- Message Appears on Computer During Setup
- Printer Prints Slowly
- No Ink Level Appears in Printer Status Monitor (Windows)
- Packets Are Sent Constantly (Windows)

Wireless Direct

Cannot Print or Connect

- Printer Suddenly Stopped Working for Some Reason
- Cannot Access to Internet on Wi-Fi from Communication Device
- Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

- Network Key (Password) Unknown
- Forgot Administrator Password of Printer
- Checking Network Information
- Restoring to Factory Defaults
- Default Network Settings
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Checking Status Code

Printing/Scanning from Smartphone/Tablet

- Cannot Print/Scan from Smartphone/Tablet
- Cannot Find Printer from Smartphone/Tablet while Using Bluetooth
- Downloading Canon PRINT Inkjet/SELPHY

Problems while Using Printer

- Message Appears on Computer During Setup
- Printer Prints Slowly
- No Ink Level Appears in Printer Status Monitor (Windows)

Wired LAN

Cannot Find Printer

- Printer Is Not Found by Printer Find Screen of Setup
- Searching Printer by IP Address or Host Name During Setup
<table>
<thead>
<tr>
<th>Issues</th>
<th>Solutions</th>
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<tr>
<td>Cannot Find Printer while Using Wired LAN</td>
<td>Detect Same Printer Name</td>
</tr>
<tr>
<td>Cannot Print or Connect</td>
<td>Printer Suddenly Stopped Working for Some Reason</td>
</tr>
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</tr>
<tr>
<td><strong>LAN Setting Tips/Changing LAN Settings</strong></td>
<td></td>
</tr>
<tr>
<td>Forgot Administrator Password of Printer</td>
<td>Checking Network Information</td>
</tr>
<tr>
<td>Checking Network Information</td>
<td>Restoring to Factory Defaults</td>
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<td>Restoring to Factory Defaults</td>
<td>Default Network Settings</td>
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<td>Default Network Settings</td>
<td>Connects to Another Computer via LAN/Changes from USB to LAN Connection</td>
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<tr>
<td>Connects to Another Computer via LAN/Changes from USB to LAN Connection</td>
<td>Printing Network Settings</td>
</tr>
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<td>Printing Network Settings</td>
<td>Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection</td>
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<td>Checking Status Code</td>
</tr>
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<td><strong>Problems while Using Printer</strong></td>
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<td>Message Appears on Computer During Setup</td>
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<td>Printer Prints Slowly</td>
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<tr>
<td>No Ink Level Appears in Printer Status Monitor (Windows)</td>
<td></td>
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<tr>
<td>Packets Are Sent Constantly (Windows)</td>
<td></td>
</tr>
</tbody>
</table>
Network Communication Problems

- Cannot Find Printer on Network
- Network Connection Problems
- Other Network Problems
Cannot Find Printer on Network

While performing printer setup:

- Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)
- Cannot Proceed beyond Printer Connection Screen

While using printer:

- Cannot Find Printer while Using Wi-Fi

Note
- You cannot use the wireless LAN and the wired LAN at the same time.
Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)

If the printer cannot be found and the Check Printer Settings screen appears after searching the printer by Automatic search on the Search for Printers screen, click Redetect and search for the printer again by the IP address on the Search for Printers screen.

If the printer has not been found after searching it by the IP address, check network settings.

- When using Wi-Fi:
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Power Status
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking PC Network Connection
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's Wi-Fi Settings
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wi-Fi Environment
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's IP Address
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Security Software Settings
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wireless Router Settings

- When using wired LAN:
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking LAN Cable and Router
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking PC Network Connection
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's Wired LAN Settings
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's IP Address
- Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)- Checking Security Software Settings
- Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)- Checking Router Settings
Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Power Status

A

Are printer and network device (router, etc.) turned on?

Make sure the printer is turned on.

- Checking that Power Is On

Make sure network device (router, etc.) is turned on.

If printer or network device is off:

Turn on printer or network device.

It may take a while for the printer and network device to become ready for use once they are turned on.

Wait a while after turning on the printer or network device, and then click Redetect on the Check Printer Settings screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.

If printer and network device are on:

If the network devices are on, turn them off and on again.

If above does not solve the problem:

- Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking PC Network Connection
Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking 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 any web pages:
Click Cancel on the Check Printer Settings screen to cancel to set up the network communication. After that, configure the computer and network device.
For the procedures, refer to the instruction manuals supplied with the computer and network device, or contact their manufacturers.
If you can view web pages after configuring the computer and network device, try to set up the network communication from the beginning.

If above does not solve the problem:

⇒ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's Wi-Fi Settings
Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer’s Wi-Fi Settings

Is printer set to allow wireless communication?

Make sure the or icon is displayed on the touch screen.

If icon is not displayed:
The printer is not set to allow wireless communication. Turn on wireless communication on the printer.

If icon is displayed:

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wi-Fi Environment
Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wi-Fi Environment

Is the printer connected to the wireless router?

Use the icon on the touch screen to make sure the printer is connected to the wireless router.

If \( \text{ is displayed:} \)

- Check wireless router configuration.
  
  After checking the wireless router setting, make sure the printer is not placed far away from the wireless router.
  
  The printer can be up to 50 m (164 ft) from the wireless router indoors. 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.

  \[ \text{Note} \]

  - Though an antenna is attached to most wireless routers, note that some of them have it inside.
  
  - Check wireless router setting.

  The printer and wireless router should be connected using 2.4 GHz bandwidth. Make sure the wireless router for the printer’s destination is configured to use 2.4 GHz bandwidth.
Check the network name (SSID) of the wireless router for the printer on the touch screen.

Select (Setup) icon, Device settings, LAN settings, and Wi-Fi, and then check Network name (SSID).

Note

• You can also check Network name (SSID) by selecting the icon on the lower left and selecting Wi-Fi.

For details, see the instruction manual supplied with the wireless router or contact the manufacturer.

After taking measures above, click Redetect on the Check Printer Settings screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.

If the printer cannot be detected, the printer is not connected to the wireless router. Connect the printer to the wireless router.

After connecting the printer to the wireless router, set up the network communication from the beginning.

If is displayed:

⇒ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's IP Address
Is printer's IP address specified correctly?

If printer's IP address is not specified correctly, the printer may not be found. Make sure whether printer's IP address is not used for another device.

To check the printer's IP address, print out the network settings information or use the operation panel to display it.

- Display on the touch screen.
  - LAN settings
- Print the network settings.
  - Printing Network Settings

If the IP address is not specified correctly:

See If an error screen appears: and specify the IP address.

If the IP address is specified correctly:

- Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Security Software Settings
Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Security Software Settings

Disable block in firewall function temporarily.
The firewall of your security software or operation system for computer may limit communication between the printer and your computer. Check the firewall setting of your security software or operation system or the message shown on your computer and disable block temporarily.

If firewall interferes with setup:

• If message appears:
  If a 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, click Redetect on the Check Printer Settings screen to redetect the printer.
  If the printer is found, follow the instructions on the screen to continue to set up network communication.

• If no message appears:
  Cancel the setup, and then set the security software to allow Canon software to access the network.
  The file Setup.exe or Setup64.exe in the win > Driver > DrvSetup folder on the Setup CD-ROM
  After setting the security software, redo the network communication setup from the beginning.
  After setup is completed, enable firewall.

Note
• For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

If above does not solve the problem:

• Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wireless Router Settings
Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wireless Router Settings

Check wireless router settings.
Check wireless router network connection settings, such as IP address filtering, MAC address filtering, encryption key, and DHCP function.

Make sure the same radio channel is assigned to the printer and the wireless router.

To check the settings of the wireless router, see the instruction manual supplied with the wireless router or contact the manufacturer.

In addition, make sure the wireless router you are using is configured to use 2.4 GHz bandwidth.

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).

After checking the wireless router settings, click Redetect on the Check Printer Settings screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.
Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking LAN Cable and Router

Is LAN cable connected, and are printer and router on?

Make sure the LAN cable is connected.

Make sure the printer is turned on.

⇒ Checking that Power Is On

Make sure the router is turned on.

If LAN cable is connected and printer or network device is off:

Turn on printer or network device.

It may take a while for the printer and network device to become ready for use once they are turned on.

Wait a while after turning on the printer or network device, and then click Redetect on the Check Printer Settings screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up the network communication.

If LAN cable is connected and printer and network device are on:

If the printer cannot not be found after trying to redetect it, even though the printer and the network device are on:

⇒ Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking PC Network Connection
Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking 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 any web pages:
Click Cancel on the Check Printer Settings screen to cancel to set up the network communication.
After that, configure the computer and network device.
For the procedures, refer to the instruction manuals supplied with the computer and network device, or contact their manufacturers.
If you can view web pages after configuring the computer and network device, try to set up the network communication from the beginning.

If you can view web pages:

- Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer’s Wired LAN Settings
Q

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer’s Wired LAN Settings

A

Is printer set to allow wired communication?

Make sure the icon is displayed on the touch screen.

If icon is not displayed:

The printer is not set to allow wired communication. Turn on wired communication on the printer. Once you have turned on wired communication, redo the network communication setup from the beginning.

If icon is displayed:

＞ Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer’s IP Address
Is printer's IP address specified correctly?

If printer's IP address is not specified correctly, the printer may not be found. Make sure whether printer's IP address is not used for another device.

To check the printer's IP Address, print out the network settings information or use the operation panel to display it.

- Display on the touch screen.
  - [LAN settings]
- Print the network settings.
  - [Printing Network Settings]

If the IP address is not specified correctly:

See If an error screen appears: and specify the IP address.

If the IP address is specified correctly:

- [Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Security Software Settings]
Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Security Software Settings

Disable block in firewall function temporarily.

The firewall of your security software or operation system for computer may limit communication between the printer and your computer. Check the firewall setting of your security software or operation system or the message shown on your computer and disable block temporarily.

If firewall interferes with setup:

- If message appears:
  
  If a 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, click **Redetect** on the **Check Printer Settings** screen to redetect the printer.
  
  If the printer is found, follow the instructions on the screen to continue to set up the network communication.

- If no message appears:
  
  Cancel the setup, and then set the security software to allow Canon software below to access the network.

    The file **Setup.exe** or **Setup64.exe** in the **win > Driver >DrvSetup** folder on the Setup CD-ROM
  
  After setting the security software, redo the network communication setup from the beginning.
  
  After setup is completed, enable firewall.

**Note**

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

If above does not solve the problem:

- **Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Router Settings**
Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Router Settings

Check router settings.
Check router network connection settings such as IP address filtering, MAC address filtering, and DHCP function.

For more on checking the settings of the router, refer to the instruction manual supplied with the router or contact its manufacturer.

After checking the router settings, click Redetect on the Check Printer Settings screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.
Cannot Proceed beyond Printer Connection Screen

If you cannot proceed beyond the Printer Connection screen, check the following.

**Check1** Make sure USB cable is securely plugged in to printer and computer.

Connect the printer and the computer using a USB cable as the illustration below. The USB port is located at the back of the printer.

![USB Connection Illustration]

**Important**
- Connect the "Type-B" terminal to the printer with the notched side facing UP. For details, refer to the instruction manual supplied with the USB cable.

**Check2** 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. Unplug USB cable from printer and computer and connect it again.
2. Make sure no printer operation is in progress and turn off.
3. Turn on printer.

**Check3** If you cannot resolve problem, follow procedure below to reinstall MP Drivers.

- For Windows:

  1. Click **Cancel**.

  2. Click **Back to Top** on Setup Canceled screen.

  3. Click **Exit** on Start Setup screen and finish setup.
4. Turn off printer.

5. Restart computer.

6. Make sure you have no application software running.

7. Perform setup on web page.

Note

• You can use the Setup CD-ROM to redo setup.

• For macOS:

1. Click **Next**.
   The screen telling you that installation has not been completed appears.

2. Click **No**.
   The screen to select application software to install appears.

3. Click **Back to Top**.

4. Click **Exit** on **Start Setup** screen.

5. Turn off printer.

6. Restart computer.

7. Make sure you have no application software running.

8. Perform setup on web page.
Cannot Find Printer while Using Wi-Fi

Check1 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.

Check2 Check the (Network status) icon on the touch screen.
If the icon is displayed, or only the icon is displayed, wireless LAN is disabled.
Select LAN settings > Wi-Fi > Settings > in this order, and select Enable for Enable/disable Wi-Fi.
If the icon is displayed, see Check 3 or later checking items to make sure whether printer setup is complete or the settings of wireless router to connect are correct.

Check3 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 the web page.
• For macOS:
  Perform setup from the web page.

Note
• IJ Network Device Setup Utility allows you to diagnose and repair the network status. Download it from the web page.
  ➔ For Windows
  ➔ For macOS

Check4 Make sure printer and wireless router network settings match.
Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.
To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.
Use 2.4 GHz frequency band to connect to a wireless router. Match the network name (SSID) set for the printer with that for 2.4 GHz frequency band of the wireless router.

To check the network name (SSID) set for the printer, print out the network setting information.

- Printing Network Settings

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  
  Select the link below to download IJ Network Device Setup Utility and install it.
  
  ➤ Checking Printer Connection Status Using IJ Network Device Setup Utility

See below for starting up IJ Network Device Setup Utility.

- For Windows:
  
  ➤ Starting Up IJ Network Device Setup Utility

- For macOS:
  
  ➤ Starting Up IJ Network Device Setup Utility

Check5 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.

Check6 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.

Check the signal strength on the touch screen.

- Using the Operation Panel

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  
  Select the link below to download IJ Network Device Setup Utility and install it.
  
  ➤ Checking Printer Connection Status Using IJ Network Device Setup Utility

See below for starting up IJ Network Device Setup Utility.

- For Windows:
Starting Up IJ Network Device Setup Utility

• For macOS:
  Starting Up IJ Network Device Setup Utility

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**Check7** 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.

**Check8** 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.

**Check9** 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. Some programs use a firewall by default.

**Check10** If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network name (SSID). (macOS)

If the problem is not resolved, redo setup.

• For Windows:
  Perform setup using the Setup CD-ROM or from the web page.

• For macOS:
  Perform setup from the web page.
Network Connection Problems

- Printer Suddenly Stopped Working for Some Reason
- Network Key (Password) Unknown
- Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings
Printer Suddenly Stopped Working for Some Reason

- Cannot Connect to a Printer after Network Configuration Changes
- Cannot Connect to a Printer via Wireless LAN (Wi-Fi)
- Cannot Connect to a Printer through Wireless Direct
- Cannot Connect to a Printer via Wired LAN
- Cannot Print/Scan through Network

Q  Cannot Connect to a Printer after Network Configuration Changes

A

It may take a while for the computer to obtain an IP address, or you may need to restart your computer. Make sure the computer has obtained a valid IP address, and try again to find the printer.

Q  Cannot Connect to a Printer via Wireless LAN (Wi-Fi)

A

Check1  Check the power status of printer, network devices (e.g. wireless router), and smartphone/tablet.

- Turn on the printer or devices.
- If the power is already turned on, cycle the power switch.
- 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.

Check2  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.

Check3  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.

Check4  Make sure the printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.
To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

**Note**
- Use 2.4 GHz frequency band to connect to a wireless router. Match the network name (SSID) set for the printer with that for 2.4 GHz frequency band of the wireless router.

To check the current network settings of the printer, print out the network setting information.

**Printing Network Settings**

**Note**
- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  
  Select the link below to download IJ Network Device Setup Utility and install it.
  
  **Checking Printer Connection Status Using IJ Network Device Setup Utility**

See below for starting up IJ Network Device Setup Utility.

- For Windows:
  
  **Starting Up IJ Network Device Setup Utility**

- For macOS:
  
  **Starting Up IJ Network Device Setup Utility**

**Check5** 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.

**Check6** 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.

Check the signal strength on the touch screen.

**Using the Operation Panel**

**Note**
- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  
  Select the link below to download IJ Network Device Setup Utility and install it.
  
  **Checking Printer Connection Status Using IJ Network Device Setup Utility**
See below for starting up IJ Network Device Setup Utility.

- For Windows:
  ➤ Starting Up IJ Network Device Setup Utility
- For macOS:
  ➤ Starting Up IJ Network Device Setup Utility

**Check 7** Make sure of the Wi-Fi channel numbers used for your computer.

You need to have the same Wi-Fi channel number that you are using for the wireless router as your computer. It is normally set in the way that you can use all the Wi-Fi channels. However, when the channels that you are using are restricted, the Wi-Fi channels do not match.

See the instruction manual provided with your computer and check the Wi-Fi channel number available for your computer.

**Check 8** Make sure channel set on wireless router is a usable channel as confirmed in Check 7.

If it is not, change the channel set on the wireless router.

**Check 9** Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings. Some programs use a firewall by default.

**Check 10** If printer is connected to an AirPort Base Station via LAN, make sure you use alphanumeric characters for network name (SSID). (macOS)

If the problem is not resolved, redo setup.

- For Windows:
  Perform setup using the Setup CD-ROM or from the web page.
- For macOS:
  Perform setup from the web page.
- **Positioning:**
  Make sure there are no obstacles between the printer and the wireless router.

**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, cycle the power switch.

**Check2** Is the 📲 icon displayed on the touch screen?

If not, Wireless Direct is disabled. Turn on Wireless Direct.

**Check3** 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.

**Check4** Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the network name (SSID) for Wireless Direct specified for the printer as the connection destination for devices.
Check the destination on your device.
For details, refer to your device's instruction manual or visit the manufacturer's website.
To check the network name (SSID) for Wireless Direct specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.
  ➜ [LAN settings](#)

- Print the network settings.
  ➜ [Printing Network Settings](#)

**Check5** Have you entered the proper password specified for the Wireless Direct?

To check the password specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.
  ➜ [LAN settings](#)

- Print the network settings.
  ➜ [Printing Network Settings](#)

**Check6** 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.

**Check7** Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.
Cannot Connect to a Printer via Wired LAN

Check1 Make sure the printer is turned on.

Check2 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 the web page.

- For macOS:
  Perform setup from the web page.

Cannot Print/Scan through Network

Check1 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.

Check2 If MP Drivers are not installed, install them. (Windows)

Install the MP Drivers using the Setup CD-ROM or install them from the Canon website.

Check3 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.

Note

- To check the MAC address or IP address of your computer, see Checking Computer IP Address or MAC Address.
Network Key (Password) Unknown

- WPA/WPA2 or WEP Key Set for Wireless Router Unknown, Cannot Connect
- Setting an Encryption Key

Q WPA/WPA2 or WEP Key Set for Wireless Router Unknown, Cannot Connect

A

For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  - Select the link below to download IJ Network Device Setup Utility and install it.
  - Checking Printer Connection Status Using IJ Network Device Setup Utility
  
  See below for starting up IJ Network Device Setup Utility.
  - For Windows:
    - Starting Up IJ Network Device Setup Utility
  - For macOS:
    - Starting Up IJ Network Device Setup Utility

Q Setting an Encryption Key

A

For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  - Select the link below to download IJ Network Device Setup Utility and install it.
  - Checking Printer Connection Status Using IJ Network Device Setup Utility
  
  See below for starting up IJ Network Device Setup Utility.
  - For Windows:
    - Starting Up IJ Network Device Setup Utility
  - For macOS:
    - Starting Up IJ Network Device Setup Utility
Selecting WPA, WPA2, or WPA/WPA2 is recommended for security reason. If your wireless router is compatible with WPA/WPA2, you can also use WPA2 or WPA.

**• Using WPA/WPA2 (Windows)**

The authentication method, Wi-Fi password, and dynamic encryption type must be identical among the wireless router, the printer, and your computer.

Enter the Wi-Fi password configured on the wireless router.

Either TKIP (basic encryption) or AES (secure encryption) is selected automatically as the dynamic encryption method.

For details, see If WPA/WPA2 Details Screen Appears.

**Note**

- This printer supports WPA/WPA2-PSK (WPA/WPA2-Personal) and WPA2-PSK (WPA2-Personal).

**• Using WEP**

The length or format of the Wi-Fi password and authentication method must be identical among the wireless router, the printer, and your computer.

To communicate with a wireless router that generates a password automatically, you must set the printer to use the password generated by the wireless router.

- For Windows:
  
  When the **WEP Details** screen appears after you click **Search...** on the **Network Settings (Wi-Fi)** screen in IJ Network Device Setup Utility, follow the on-screen instructions to set the password length, format, and the password to use.
  
  For details, see If WEP Details Screen Appears.

**Note**

- If the printer is connected to an AirPort Base Station via LAN:

  If the printer is connected to an AirPort Base Station via a LAN, check the settings in **Wireless Security of AirPort Utility**.

  - Select **64 bit** if **WEP 40 bit** is selected for password length in AirPort Base Station.
  - Select **1** for the password to use. Otherwise, computer will not be able to communicate with printer via the wireless router.
Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings

When you replace a wireless router, redo the network setup for the printer according to the replaced one.

• For Windows:
  Perform setup using the Setup CD-ROM or from the web page.

• For macOS:
  Perform setup from the web page.

**Note**

• IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  Select the link below to download IJ Network Device Setup Utility and install it.
  ➤ Checking Printer Connection Status Using IJ Network Device Setup Utility
  See below for starting up IJ Network Device Setup Utility.
  • For Windows:
    ➤ Starting Up IJ Network Device Setup Utility
  • For macOS:
    ➤ Starting Up IJ Network Device Setup Utility

If this does not solve the problem, see below.

➤ Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router
➤ With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at Wireless Router

Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router

Check1

Check wireless router setting.

To check the wireless router setting, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure the computer and the wireless router can communicate with each other under this setting.
Check2  If filtering MAC addresses or IP addresses at wireless router, check that MAC addresses or IP addresses for computer, network device, and printer are registered.

Check3  If using WPA/WPA2 key or a password, make sure encryption key for computer, network device, and printer matches key set for wireless router.

The length or format of the Wi-Fi password and authentication method must be identical among the wireless router, the printer, and your computer.

For details, see Setting an Encryption Key.

With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at Wireless Router

If you change the encryption type for the printer and it subsequently cannot communicate with the computer, make sure the encryption type for the computer and the wireless router matches the type set for the printer.

Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router
Other Network Problems

- Checking Network Information
- Restoring to Factory Defaults
Checking Network Information

- Checking Printer IP Address or MAC Address
- Checking Computer IP Address or MAC Address
- Checking Communication Between the Computer, the Printer, and the Wireless Router
- Checking Network Setting Information

Checking Printer IP Address or MAC Address

To check the printer's IP Address or MAC address, print out the network settings information or use the operation panel to display it.

- Display on the touch screen.
  - LAN settings
- Print the network settings.
  - Printing Network Settings

For Windows, you can check the network setting information on the computer screen.

- Canon IJ Network Device Setup Utility Screen

Checking Computer IP Address or MAC Address

To check the IP Address or MAC address of your computer, follow the instructions below.

- For Windows:
  1. Select Command Prompt as shown below.
     
     In Windows 10, right-click Start and select Command Prompt.
     In Windows 8.1, select Command Prompt from the Start screen. If Command Prompt is not displayed on the Start screen, select the Search charm and search for "Command Prompt".
     In Windows 7, click Start > All Programs > Accessories > Command Prompt.
  2. Enter "ipconfig/all" and press Enter.
     
     The IP address and MAC address of your computer appear. If your computer is not connected to a network, the IP address does not appear.

- For macOS:
  1. Select System Preferences from Apple menu, and then click Network.
2. Make sure network interface used by computer is selected, and then click **Advanced**.
   When you are using Wi-Fi on your computer, make sure **Wi-Fi** is selected as network interface.
   When you are using wired LAN, make sure **Ethernet** is selected.

3. Click **TCP/IP** to check the IP address, or click **Hardware** to check the MAC address.

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### Checking Communication Between the Computer, the Printer, and the Wireless Router

Perform a ping test to check if communication is taking place.

- **For Windows:**
  1. Select **Command Prompt** as shown below.
     In Windows 10, right-click **Start** and select **Command Prompt**.
     In Windows 8.1, select **Command Prompt** from the **Start** screen. If **Command Prompt** is not displayed on the **Start** screen, select the **Search** charm and search for "**Command Prompt**".
     In Windows 7, click **Start** > **All Programs** > **Accessories** > **Command Prompt**.
  2. Type the ping command and press **Enter**.
     The ping command is as follows: `ping XXX.XXX.XXX.XXX`
     "XXX.XXX.XXX.XXX" is the IP address of the target device.
     If communication is taking place, a message like the one shown below appears.
     Reply from XXX.XXX.XXX.XXX: bytes=32 time=10ms TTL=255
     If **Request timed out** appears, communication is not taking place.
  3. **For macOS:**
     1. Start **Network Utility** as shown below.
        Select **Computer** from **Go** menu of Finder, double-click **Macintosh HD > System > Library > CoreServices > Applications > Network Utility**.
     2. Click **Ping**.
     3. Make sure **Send only XX pings** (XX are numbers) is selected.
     4. Enter IP address of target printer or target wireless router in **Enter the network address to ping**.
5. Click Ping.

"XXX.XXX.XXX.XXX" is the IP address of the target device.

A message such as the following appears.

64 bytes from XXX.XXX.XXX.XXX: icmp_seq=0 ttl=64 time=3.394 ms
64 bytes from XXX.XXX.XXX.XXX: icmp_seq=1 ttl=64 time=1.786 ms
64 bytes from XXX.XXX.XXX.XXX: icmp_seq=2 ttl=64 time=1.739 ms

--- XXX.XXX.XXX.XXX ping statistics ---
3 packets transmitted, 3 packets received, 0% packet loss

If packet loss is 100%, communication is not taking place. Otherwise, computer is communicating with target device.

Checking Network Setting Information

To check the printer's network settings information, print out the network settings information or use the operation panel to display it.

- Display on the touch screen.
  - LAN settings
- Print the network settings.
  - Printing Network Settings
Restoring to Factory Defaults

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**Important**

- For Windows:
  
  Initialization erases all network settings on the printer, making printing or scanning operation from a computer over a network impossible. To use the printer over a network again after restoring it to the factory defaults, redo setup using the Setup CD-ROM or from the web page.

- For macOS:

  Initialization erases all network settings on the printer, making printing or scanning operation from a computer over a network impossible. To use the printer over a network again after restoring it to the factory defaults, redo setup from the web page.

Initialize the network setting using the printer's operation panel.

- [Reset setting](#)
Problems while Printing/Scanning from Smartphone/Tablet

- Cannot Print/Scan from Smartphone/Tablet
Cannot Print/Scan from Smartphone/Tablet

If you cannot print/scan from your smartphone/tablet, it is possible that your smartphone/tablet cannot communicate with the printer.

Check the cause of your problem according to the connection method.

- Cannot Communicate with Printer over Wireless LAN
- Cannot Communicate with Printer while It Is in Wireless Direct

**Note**

- For problems on printing with other connection methods or more on performing settings of each connection method:
  - Using PIXMA/MAXIFY Cloud Link
  - Printing with Google Cloud Print
  - Printing from iOS Device (AirPrint)

**Cannot Communicate with Printer over Wireless LAN**

If your smartphone/tablet cannot communicate with the printer, check the following.

**Check1** Check the power status of printer, network devices (e.g. wireless router), and smartphone/tablet.

- Turn on the printer or devices.
- If the power is already turned on, cycle the power switch.
- 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.

**Check2** 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.

**Check3** 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.

**Check4** Are network settings of printer identical with those of wireless router?

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.
To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the printer, print out the network setting information.

**Printing Network Settings**

**Note**

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.
  
  Select the link below to download IJ Network Device Setup Utility and install it.
  
  **Checking Printer Connection Status Using IJ Network Device Setup Utility**

  See below for starting up IJ Network Device Setup Utility.
  
  - For Windows:
    
    **Starting Up IJ Network Device Setup Utility**
  
  - For macOS:
    
    Starting Up IJ Network Device Setup Utility

**Check5** Are network settings of your smartphone/tablet identical with those of wireless router?

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.

To check the settings of your smartphone/tablet, refer to the instruction manual provided with it.

If the network settings of your smartphone/tablet are not identical with those of the wireless router, change the network settings of it to match with those of the wireless router.

**Check6** 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.

**Check7** 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.

Check the signal strength on the touch screen.

**Using the Operation Panel**
**Note**

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

Select the link below to download IJ Network Device Setup Utility and install it.

- Checking Printer Connection Status Using IJ Network Device Setup Utility

See below for starting up IJ Network Device Setup Utility.

- For Windows:
  - Starting Up IJ Network Device Setup Utility
- For macOS:
  - Starting Up IJ Network Device Setup Utility

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**Cannot Communicate with Printer while It Is in Wireless Direct**

If your smartphone/tablet cannot communicate with the printer in the Wireless Direct, check the following.

**Check1** 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, cycle the power switch.

**Check2** Is the icon displayed on the touch screen?

If not, Wireless Direct is disabled. Turn on Wireless Direct.

**Check3** 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.

**Check4** Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the network name (SSID) for Wireless Direct specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

To check the network name (SSID) for Wireless Direct specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the touch screen.
  - **LAN settings**
- Print the network settings.
Have you entered the proper password specified for the Wireless Direct?

To check the password specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

• Display on the touch screen.
  ➤ LAN settings

• Print the network settings.
  ➤ Printing Network Settings

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.

Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.
Printing Problems

➤ Printer Does Not Print
➤ Ink Does Not Come Out
➤ Paper Does Not Feed Properly/"No Paper" Error
➤ Cannot Print on the Disc Label
➤ Printout Results Are Unsatisfactory
Printer Does Not Print

Check1  Make sure printer is turned on.
If not, make sure the printer is securely plugged in and press ON button to turn on.
The ON lamp flashes while the printer is initializing. Wait until the ON lamp stops flashing and remains lit.

Note
• If you are printing large data such as photos or other graphics, printing may take longer to start. The ON lamp flashes while the computer is processing data and sending it to the printer. Wait until printing starts.

Check2  Make sure printer is properly connected to computer.
If you are using a USB cable, make sure it is securely connected to both the printer and the computer. When the USB cable is securely plugged in, check the following:
• If you are using a relay device such as a USB hub, disconnect it, connect the printer directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
• There could also be a problem with the USB cable. Replace the USB cable and retry the printing.
If you use the printer over a LAN, make sure the printer is correctly set up for network use.

• Cannot Find Printer while Using Wi-Fi
• Cannot Find Printer while Using Wired LAN

Note
• IJ Network Device Setup Utility allows you to diagnose and repair the network status. Download it from the web page.
  ➤ For Windows
  ➤ For macOS

Check3  Make sure paper settings match information set for rear tray or cassette.
If the paper settings do not match the information set for the rear tray or the cassette, an error message appears on the touch screen. Follow the instructions on the touch screen to solve the problem.

Note
• You can select whether the message which prevents misprinting is displayed.
  • To change the message view setting when printing or copying using the printer's operation panel:
    ➤ Feed settings
  • To change the message view setting when printing using the printer driver:
    ➤ Changing the Printer Operation Mode (Windows)
Changing the Printer Operation Mode (macOS)

Check4 If printing from a computer, delete jobs stuck in print queue.

- For Windows:
  - Deleting the Undesired Print Job
- For macOS:
  - Deleting the Undesired Print Job

Check5 Make sure that the paper output tray is at the normal print position.

When you do not use the multi-purpose tray, pull the paper output tray out to the front side until it stops and select OK on the touch screen.

Check6 Is your printer's printer driver selected when printing?

The printer will not print properly if you are using a printer driver for a different printer.

- For Windows:
  Make sure "Canon XXX series" (where "XXX" is your printer's name) is selected in the Print dialog box.

  **Note**
  - If multiple printers are registered to your computer, select Set as Default Printer for a printer to make the one selected by default.

- For macOS:
  Make sure your printer's name is selected in Printer in the Print dialog.

  **Note**
  - If multiple printers are registered to your computer, select Set as Default Printer from System Preferences > Printers & Scanners for a printer to make the one selected by default.

Check7 Are you trying to print a large data file? (Windows)

If you are trying to print a large file, it takes a long time to start printing.

If the printer does not start printing after a certain period of time, select On for Prevention of Print Data Loss.

For details, refer to Page Setup Tab Description.

**Important**

- Selecting On for Prevention of Print Data Loss may reduce print quality.
After printing is completed, select Off for Prevention of Print Data Loss.

Check8 If printing from a computer, restart the computer.

Restart the computer and try printing again.
Ink Does Not Come Out

Check1 Make sure of the estimated ink levels in the ink tanks.
Check the ink status on the touch screen.

⇒ Checking Ink Status on the Touch Screen

Check2 Are the orange tape and plastic wrap still on the ink tank?
Make sure all the protective plastic wrap is peeled off to expose the Y-vent area, as shown below (A).
If the orange tape remains on the ink tank (B), peel it off.

Check3 Are the print head nozzles clogged?
Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles.
For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see If Printing Is Faint or Uneven.

- If nozzle check pattern is not printed correctly:
  Check if the ink tank for the problem color is empty.
  If the ink tank is not empty, perform print head cleaning and try printing the nozzle check pattern again.
- If problem is not resolved after performing print head cleaning twice:
  Perform print head deep cleaning.
  If the problem is not resolved after performing print head deep cleaning, turn off the printer and perform print head deep cleaning again 24 hours later.
- If problem is not resolved after performing print head deep cleaning twice:
  If print head deep cleaning does not resolve the problem, the print head may be damaged. Contact your nearest Canon service center to request a repair.
Paper Does Not Feed Properly/"No Paper" Error

Check1  Make sure paper is loaded.

» Loading Paper

Check2  When loading paper, consider the following.

• When loading two or more sheets of paper, align the edges of the sheets before loading the paper.
• When loading two or more sheets of paper, make sure the paper stack does not exceed the paper load limit.

However, paper may not feed correctly at the maximum capacity, depending on the type of paper or environmental conditions (very high or low temperature and humidity). In such cases, reduce the amount of paper you load at a time to less than half of the paper load limit.
• Always load the paper in portrait orientation, regardless of the printing orientation.
• When you load the paper on the rear tray, place the print side facing UP and align the right and left paper guides with the paper stack.

» Loading Paper

• In the cassette, be sure to load only plain paper.
• When you load the paper on the cassette, place the print side facing DOWN and align the right/left/front paper guides with the paper stack.

» Loading Paper

Check3  Is paper too thick or curled?

» Unsupported Media Types

Check4  When loading envelopes, consider the following.

When printing on envelopes, see Loading Envelopes in Rear Tray, and prepare the envelopes before printing.

Once you have prepared the envelopes, load them in portrait orientation. If the envelopes are placed in landscape orientation, they will not feed properly.

Check5  Make sure media type and paper size settings match with loaded paper.

Check6  Make sure that there are not any foreign objects in the rear tray.
If the paper tears in the rear tray, see List of Support Code for Error (Paper Jams) to remove it.
If there are any foreign objects in the rear tray, be sure to turn off the printer, unplug it from the power supply, then remove the foreign object.

>>> Note
• If the feed slot cover is opened, close it slowly.

Check7 Clean paper feed roller.
  ➜ Cleaning Paper Feed Rollers

>>> Note
• Cleaning the paper feed roller abrades it, so do this only when necessary.

Check8 If two or more sheets of paper feed from cassette at once, clean inside of cassette.
  ➜ Cleaning Cassette Pads
Are transport unit cover and rear cover attached properly?

See Rear View for the positions of the transport unit cover and the rear cover.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.
Cannot Print on the Disc Label

- Disc Label Printing Does Not Start
- Multi-Purpose Tray Does Not Feed Properly
- Multi-Purpose Tray Jammed

Disc Label Printing Does Not Start

A

Check1: Is multi-purpose tray placed properly?
Place the multi-purpose tray properly again and tap OK on the touch screen.
Use the multi-purpose tray supplied with this printer.
For more on placing the multi-purpose tray, see Placing a Printable Disc.

Check2: Is printable disc placed on multi-purpose tray?
Place the printable disc on the multi-purpose tray properly and tap OK on the touch screen.
Use the multi-purpose tray supplied with this printer.
For more on placing the multi-purpose tray, see Placing a Printable Disc.

Check3: Has time elapsed since you placed the multi-purpose tray?
If a certain period of time has elapsed since you placed the multi-purpose tray, it may be ejected.
Follow the instructions on the touch screen and try the operation again.

Multi-Purpose Tray Does Not Feed Properly

A

Check1: Is multi-purpose tray placed properly?
Place the multi-purpose tray properly again and tap OK on the touch screen.
Use the multi-purpose tray supplied with this printer.
For more on placing the multi-purpose tray, see Placing a Printable Disc.

Check2: Unrecognizable printable disc may be placed.
Canon recommends that you use printable discs specially processed to be printed on by an inkjet printer.
Multi-Purpose Tray Jammed

Pull out the multi-purpose tray gently.

If the multi-purpose tray cannot be pulled out, cycle the power switch. The multi-purpose tray will automatically be ejected.

When the multi-purpose tray is pulled out, place the multi-purpose tray again and retry printing. For more on placing the multi-purpose tray, see Placing a Printable Disc.

If the multi-purpose tray is still jammed, check if there is a problem with the printable disc.

⇒ Multi-Purpose Tray Does Not Feed Properly
Printout Results Are Unsatisfactory

If the print results are unsatisfactory due to white streaks, misaligned/distorted lines, or uneven colors, check the paper and print quality settings first.

Check1

Do page size and media type settings match size and type of loaded paper?

If these settings do not match, it is not possible to obtain the proper result.

If you are printing a photograph or an illustration, an incorrect paper type setting may reduce the quality of the printout color.

Also, if you print with an incorrect paper type setting, the printed surface may be scratched.

In borderless printing, uneven coloring may occur depending on the combination of the paper type setting and the loaded paper.

The method for checking the paper and print quality settings differs depending on what you are using your printer for.

• Copying/Printing from memory card
  Check the settings using the operation panel.
  ➡ Setting Items for Copying
  ➡ Setting Items for Photo Printing Using Operation Panel

• Printing from your computer
  Check the settings using the printer driver.
  ➡ Basic Printing Setup

• Printing from a PictBridge (Wi-Fi) compliant device
  Check the settings on your PictBridge (Wi-Fi) compliant device or using the operation panel.
  ➡ PictBridge (Wi-Fi) Print Settings
  ➡ PictBridge settings

• Printing from your smartphone/tablet using Canon PRINT Inkjet/SELPHY
  Check the settings on Canon PRINT Inkjet/SELPHY.
  ➡ Print Easily from a Smartphone or Tablet with Canon PRINT Inkjet/SELPHY

Check2

Make sure appropriate print quality is selected (see list above).

Select a print quality suited to the paper and to what you are printing. If you notice blurs or uneven colors, increase the print quality setting and retry the printing.

Note

• When printing from a PictBridge (Wi-Fi) compliant device, set the print quality setting using the operation panel.
This setting cannot be made on the PictBridge (Wi-Fi) compliant device.

**Check3** If problem is not resolved, check also the sections below.

See also the sections below:

- Printouts Are Blank/Blurry or Fuzzy/Inaccurate or Bleeding Colors/Streaks or Lines
- Lines Are Misaligned/Distorted
- Paper Is Smudged / Printed Surface Is Scratchy
- Vertical Line Next to Image
- Cannot Complete Printing
- Part of Page Is Not Printed (Windows)
- Lines Incomplete or Missing (Windows)
- Images Incomplete or Missing (Windows)
- Ink Blots / Paper Curl
- Back of Paper Is Smudged
- Uneven or Streaked Colors
Printouts Are Blank/Blurry or Fuzzy/Inaccurate or Bleeding Colors/Streaks or Lines

Printing Is Blurry

Colors Are Wrong
White Streaks Appear

Check1  Check paper and print quality settings.

- [Printout Results Are Unsatisfactory](#)

Check2  Check status of ink tanks. Replace ink tank if ink has run out.

- [Replacing Ink Tanks](#)

Check3  Are the orange tape and plastic wrap still on the ink tank?

Make sure all the protective plastic wrap is peeled off to expose the Y-vent area, as shown below (A).

If the orange tape remains on the ink tank (B), peel it off.

Check4  Are the print head nozzles clogged?

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

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see [If Printing Is Faint or Uneven](#).

- If nozzle check pattern is not printed correctly:
  
  Check if the ink tank for the problem color is empty.
  
  If the ink tank is not empty, perform print head cleaning and try printing the nozzle check pattern again.
  
- If problem is not resolved after performing print head cleaning twice:
Perform print head deep cleaning. If the problem is not resolved after performing print head deep cleaning, turn off the printer and perform print head deep cleaning again 24 hours later.

- If problem is not resolved after performing print head deep cleaning twice:
  If print head deep cleaning does not resolve the problem, the print head may be damaged. Contact your nearest Canon service center to request a repair.

**Check5** When using paper with one printable surface, check the correct printable side of the paper.

Printing on the wrong side of such paper may cause unclear prints or prints with reduced quality. When you load paper on the rear tray, load paper with the printable side facing up. When you load paper in the cassette, load paper with the printable side facing down.

Refer to the instruction manual supplied with the paper for detailed information on the printable side.

- **When copying, see also the sections below:**

**Check6** Is platen glass or glass of ADF dirty?

Clean the platen glass or the glass of ADF.

- Cleaning Platen and Document Cover
- Cleaning the ADF (Auto Document Feeder)

**Note**

- If the glass of ADF is dirty, black streaks appear on the paper as shown below.

![Image of black streaks on paper]

**Check7** Make sure original is properly loaded on platen or ADF.

When you load the original on the platen, load it with the side to be copied facing down.
When you load the original on the ADF, load it with the side to be copied facing up.

- Loading Originals

**Check8** Is copy source a printed paper by printer?

If you use a printout done by this printer as the original, print quality may be reduced depending on the condition of the original.

Print from the printer directly, or reprint from the computer if you can reprint from it.
Lines Are Misaligned/Distorted

Check1  Check paper and print quality settings.

⇒ Printout Results Are Unsatisfactory

Check2  Perform print head alignment.

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

⇒ Aligning the Print Head

Note

- If the problem is not resolved after performing the print head alignment, perform print head alignment manually from your computer.
  - For Windows:
    ⇒ Adjusting the Print Head Position Manually
  - For macOS:
    ⇒ Adjusting Print Head Position

Check3  Increase print quality and try printing again.

Increasing the print quality using the operation panel or the printer driver may improve the print result.
Paper Is Smudged / Printed Surface Is Scratched

Paper Is Smudged

Smudged Edges  Smudged Surface

Printed Surface Is Scratched

Check1 Check paper and print quality settings.

- Printout Results Are Unsatisfactory

Check2 Check paper type.

Make sure you are using the right paper for what you are printing.

- Supported Media Types

Check3 Correct curl before loading paper.

When using Photo Paper Plus Semi-gloss, even if the sheet is curled, load one sheet at a time as it is. Rolling this paper in the opposite direction to flatten it may crack the paper surface and reduce the print quality.

We recommend putting unused paper back into the package and storing it flat.

- Plain Paper
  
  Turn the paper over and reload it to print on the other side.

- Other Paper such as envelope

  If the paper corners curl more than 0.1 inch / 3 mm (A) in height, the paper may smudge or may not feed properly. Follow the instructions below to correct the paper curl.
1. Roll up paper in opposite direction to paper curl as shown below.

2. Check that paper is now flat.

   We recommend printing curl-corrected paper one sheet at a time.

**Note**

- Depending on paper type, the paper may smudge or may not feed properly even if it is not curled inward. Follow the instructions below to curl the paper outward up to 0.1 inch / 3 mm (B) in height before printing. This may improve the print result.

(C) Print side

   We recommend feeding paper that has been curled outward one sheet at a time.

---

**Check4** Set printer to prevent paper abrasion.

Adjusting the setting to prevent paper abrasion will widen the clearance between the print head and the paper. If you notice abrasion even with the media type set correctly to match the paper, set the printer to prevent paper abrasion using the operation panel or the computer.

This may reduce the print speed.

* Once you have finished printing, undo this setting. Otherwise, it will apply to subsequent print jobs.

- From operation panel

  Touch the **HOME** button, select **(Setup) icon, Settings, Device settings**, and **Print settings**, and then set **Prevent paper abrasion** to **ON**.

  ➤ [Changing Settings from Operation Panel](#)

- From computer

  - For Windows:
1. Check that printer is turned on.

2. Open Canon IJ Printer Assistant Tool.
   - Maintenance Tab Description

3. Select **Select Printer**... and select printer you are using from pulldown menu and select **OK**.

4. Select **Custom Settings**.

5. Select **Prevent paper abrasion** check box and click **OK**.
   - For macOS:
     Adjust the setting to prevent paper abrasion from Remote UI.
     - Opening Remote UI for Maintenance

Check5 If brightness is set low, increase brightness setting and try printing again.
If you are printing with a low brightness setting on plain paper, the paper may absorb too much ink and become wavy, causing paper abrasion.

- Printing from your computer (Windows)
  Check the brightness setting in the printer driver.
  - Adjusting Brightness

- Copying
  - Setting Items for Copying

Check6 Is platen glass or glass of ADF dirty?
Clean the platen glass or the glass of ADF.
- Cleaning Platen and Document Cover
- Cleaning the ADF (Auto Document Feeder)

Note
- If the glass of ADF is dirty, black streaks appear on the paper as shown below.

Check7 Is paper feed roller dirty?
Clean paper feed roller.
- Cleaning Paper Feed Rollers
Note
- Cleaning the paper feed roller abrades it, so do this only when necessary.

Check8  Is inside of printer dirty?
During duplex printing, ink may stain the inside of the printer, smudging the printout. Perform bottom plate cleaning to clean inside of printer.

⇒ Cleaning Inside the Printer (Bottom Plate Cleaning)

Note
- To prevent staining inside the printer, be sure to set the correct paper size.

Check9  Set longer ink drying time.
This allows the printed surface to dry, preventing smudges and scratches.

- For Windows:
  1. Check that printer is turned on.
  2. Open Canon IJ Printer Assistant Tool.
     ⇒ Maintenance Tab Description
  3. Select Select Printer... and select printer you are using from pulldown menu and select OK.
  4. Select Custom Settings.
  5. Drag Ink Drying Wait Time slide bar to set the wait time and click OK.
  6. Check message and click OK.
- For macOS:
  Set the waiting time using Remote UI.
  ⇒ Changing the Printer Operation Mode
Vertical Line Next to Image

Check Is loaded paper size correct?

If the loaded paper is larger than the size you specified, a vertical line may appear in the margin. Set the paper size to match the loaded paper.

Printout Results Are Unsatisfactory

Note

- The direction of the vertical line pattern may vary depending on the image data or the print setting.
- This printer performs automatic cleaning when necessary to keep printouts clean. A small amount of ink is ejected for cleaning.

Although the ink is normally ejected onto the ink absorber at the outer edge of the paper, it may get onto the paper if the loaded paper is larger than the set size.
Scanning Problems (Windows)

- Scanning Problems
Scanning Problems

- Scanner Does Not Work
- ScanGear (Scanner Driver) Does Not Start
Q  
Scanner Does Not Work

A

Check 1 Make sure that your scanner or printer is turned on.

Check 2 Connect the USB cable to a different USB port on the computer.

Check 3 If the USB cable is connected to a USB hub, remove it from the USB hub and connect it to a USB port on the computer.

Check 4 With network connection, check the connection status and reconnect as needed.

Check 5 Restart the computer.
ScanGear (Scanner Driver) Does Not Start

**Check 1** Make sure MP Drivers is installed.
If not installed, install MP Drivers from the Setup CD-ROM or our website.

**Check 2** Select your scanner or printer on the application's menu.

**Important**
- If your scanner or printer name is displayed multiple times, select the one that does not include WIA.

**Note**
- The operation may differ depending on the application.
- Use the WIA driver when scanning from a WIA-compliant application.
  ➤ Scanning with WIA Driver

**Check 3** Make sure that the application supports TWAIN.
You cannot start ScanGear (scanner driver) from applications not supporting TWAIN.

**Check 4** Scan and save images with IJ Scan Utility and open the files in your application.
Mechanical Problems

- Printer Does Not Turn On
- Printer Turns Off Unexpectedly or Repeatedly
- USB Connection Problems
- Cannot Communicate with Printer via USB
- Wrong Language Appears in Touch Screen
Printer Does Not Turn On

A

<table>
<thead>
<tr>
<th>Check1</th>
<th>Press ON button.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check2</td>
<td>Make sure power plug is securely connected to printer, and then turn on again.</td>
</tr>
<tr>
<td>Check3</td>
<td>Unplug printer, leave it for at least 2 minutes, and then plug it back in and turn on again.</td>
</tr>
</tbody>
</table>

If this does not solve the problem, contact your nearest Canon service center to request a repair.
Printer Turns Off Unexpectedly or Repeatedly

Check

If printer is set to turn off automatically after a certain time, disable this setting.

If you have set the printer to turn off automatically after a specified time, the power will shut off by itself once that time has elapsed.

• To disable the setting from the operation panel:

1. Check that printer is turned on.

2. Select (Setup) on Home screen.

3. Select ECO.


5. Check displayed message and select Next.

6. Select Auto power off.

7. Select Never.

8. Select OK.

The setting is disabled.

• To disable the setting from the computer:

For Windows, use Canon IJ Printer Assistant Tool or ScanGear (scanner driver) to disable the setting. Follow the procedure below to disable the setting using Canon IJ Printer Assistant Tool.

1. Open Canon IJ Printer Assistant Tool.

   ➔ Maintenance Tab Description

2. Select Select Printer... and select printer you are using from pulldown menu and select OK.

4. Select **Disable** for **Auto Power Off**.

5. Select **OK**.

6. Select **OK** on the displayed screen.
   
   The setting to shut off the power automatically is disabled.

---

#### Note

- Refer to below to disable the setting from ScanGear (scanner driver).

  ➔ Scanner Tab
If your system environment does not support Hi-Speed USB, the printer operates at the slower speed of USB 1.1. In this case, the printer works properly but printing or scanning speed may slow down due to the communication speed.

Check following to make sure your system environment supports Hi-Speed USB connection.

- Does the USB port on your computer support Hi-Speed USB connection?
- Does the USB cable or the USB hub support Hi-Speed USB connection?
  
  Be sure to use a certified Hi-Speed USB cable. We recommend that the USB cable be no longer than 10 feet / 3 meters or so.
- Is the Hi-Speed USB driver working properly on your computer?
  
  Make sure the latest Hi-Speed USB driver is working properly and obtain and install the latest version of the Hi-Speed USB driver for your computer, if necessary.

**Important**

- For more information, contact the manufacturer of your computer, USB cable, or USB hub.
Cannot Communicate with Printer via USB

Check1 Make sure printer is turned on.

Check2 Connect USB cable properly.
As the illustration below, the USB port is at the back of the printer.

**Important**
- Connect the "Type-B" terminal to the printer with the notched side facing UP. For details, refer to the instruction manual supplied with the USB cable.

Check3 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.

⇒ Opening Printer Driver's Setup Screen
Wrong Language Appears in Touch Screen

Follow the instructions below to select your language.

1. Press **HOME** button and wait a little.

2. Select **(Setup)** icon.
   - Using the Operation Panel

3. Select **.**

4. Select sixth setting item from top.

5. Select a language for touch screen.

6. Select button on lower left.
Installation and Download Problems

- Failed to MP Drivers Installation (Windows)
- Updating MP Drivers in Network Environment (Windows)
Failed to MP Drivers Installation (Windows)

• If installation does not start when you insert Setup CD-ROM:

  Follow the instructions below to start the installation.

  1. Make the following settings.
     ◦ In Windows 10, click Start > File Explorer, and then click This PC from list on left.
     ◦ In Windows 8.1, select Explorer icon in Taskbar on Desktop, and then select This PC from list on left.
     ◦ In Windows 7, click Start, and then click Computer.

  2. Double-click the CD-ROM icon in the window that appears.

     If the contents of the CD-ROM appear, double-click MSETUP4.EXE.

     If you cannot install the MP Drivers with the Setup CD-ROM, install them from the Canon website.

  Note

  • If the CD-ROM icon does not appear, try the following:
    • Remove the CD-ROM from your computer and reinsert it.
    • Restart your computer.

  If the icon still does not appear, try a different disc and see if it appears. If it does, there is a problem with the Setup CD-ROM. Contact your nearest Canon service center to request a repair.
• If you cannot get past the Printer Connection screen:

**Cannot Proceed beyond Printer Connection Screen**

• Other cases:

Reinstall the MP Drivers.

If the MP Drivers were not installed correctly, uninstall the MP Drivers, restart your computer, and then reinstall the MP Drivers.

**Deleting the Unnecessary MP Drivers**

Reinstall the MP Drivers with the Setup CD-ROM or install them 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.
Updating MP Drivers in Network Environment (Windows)

Download the latest MP Drivers.

Download the latest MP Drivers for your model on the download page of the Canon website. Uninstall the existing MP Drivers and follow the installation instructions to install the latest MP Drivers that you downloaded. In the connection method selection screen, select **Use the printer with Wi-Fi connection** or **Use the printer with wired LAN connection** according to the connection method you use. The printer is detected automatically in the network.

Make sure the printer was found, and install the MP Drivers following the on-screen instructions.

**Note**

- The network settings on the printer are not affected, so the printer can be used on the network without redoing settings.
Errors and Messages

- An Error Occurs
- Message (Support Code) Appears
An Error Occurs

If an error occurs in printing, for example if the paper runs out or jams, a troubleshooting message appears automatically. Take the appropriate action described in the message.

When an error occurs, a message appears on the computer, or an error code appears on the printer. For some errors, a support code (error number) appears on the computer screen.

When a Support Code and a message are displayed on the computer screen (Windows):

![Image of computer screen with support code and message]

When a Support Code and a message are displayed on the printer (touch screen):

![Image of printer screen with support code and message]

For details on how to resolve errors, see List of Support Code for Error.

Note

- For details on how to resolve errors without Support Codes, see Message (Support Code) Appears.
Message (Support Code) Appears

This section describes some of the errors and messages that may appear.

Note

- A support code (error number) is displayed on the computer for some errors. For details on errors that have support code, see List of Support Code for Error.

If a message appears on the touch screen, see below.

Message Appears on Touch Screen

- Power was not turned off correctly the last time. Press the button when turning power off.
  The printer may have been unplugged while the power was still on.
  Select OK on the touch screen.

  Note

  • See Unplugging the Printer to unplug the printer correctly.

- Cannot connect to the server. Please wait a while and try again.
  The printer cannot connect to the server due to a communication error.
  Select OK on the touch screen and try again after a while.

Error Regarding Automatic Duplex Printing Is Displayed

Check See Automatic Duplex Printing Problems and take the appropriate action.
Error Regarding Power Cord Being Unplugged Is Displayed (Windows)

The printer may have been unplugged while it was on.
Check the error message that appears on the computer and click OK.
The printer starts printing.
See Unplugging the Printer for unplugging the power cord.

Writing Error/Output Error/Communication Error (Windows)

Check1  If the ON lamp is off, make sure printer is plugged in and turn on.
The ON lamp flashes while the printer is initializing. Wait until the ON lamp stops flashing and remains lit.

Check2  Make sure printer is properly connected to computer.
If you are using a USB cable, make sure it is securely connected to both the printer and the computer. When the USB cable is securely plugged in, check the following:

• If you are using a relay device such as a USB hub, disconnect it, connect the printer directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
• There could also be a problem with the USB cable. Replace the USB cable and retry the printing.
If you use the printer over a LAN, make sure the printer is correctly set up for network use.

Check3  Make sure MP Drivers are installed correctly.
Uninstall the MP Drivers following the procedure described in Deleting the Unnecessary MP Drivers and reinstall them from the Setup CD-ROM or the Canon website.

Check4  When printer is connected to your computer with a USB cable, check device status from your computer.
Follow the procedure below to check the device status.

1. Select Control Panel > Programs > Programs and Features.

   Note
   • If the User Account Control screen appears, select Continue.

   If USB Printing Support Properties screen does not appear, make sure the printer is correctly connected to the computer.
3. Click General tab and check for a device problem. If a device error is shown, see Windows Help to resolve it.

Other Error Messages (Windows)

Check

If an error message appears outside printer status monitor, check the following:

- "Could not spool successfully due to insufficient disk space"
  Delete any unnecessary files to increase the amount of free space on the disk.

- "Could not spool successfully due to insufficient memory"
  Close other applications to increase the available memory.
  If you still cannot print, restart your computer and retry the printing.

- "Printer driver could not be found"
  Uninstall the MP Drivers following the procedure described in Deleting the Unnecessary MP Drivers and reinstall them from the Setup CD-ROM or the Canon website.

- "Could not print Application name - File name"
  Try printing again once the current job is complete.
List of Support Code for Error

Support code appears on the touch screen and your computer screen when errors occur. A "support code" is an error number, and appears along with an error message. When an error occurs, check the support code displayed on the touch screen and computer screen and take the appropriate action in response.

Support Code Appears on Touch Screen and Computer Screen

• 1000 to 1ZZZ
  1000 1001 1002 1003 1013
  1200 1240 1270 1300 1303 1304
  1309 1310 1313 1401 1403 1405
  140B 1410 1411 1412 1413 1414
  1551 1552 1600 1660 1684 1688
  1689 168C 1700 1701 1730 1731
  1830 1850 1851 1855 1856 1857
  1871 1874 1890

• 2000 to 2ZZZ
  2110 2113 2114 2120 2123 2500
  2700 2801 2802 2803

• 3000 to 3ZZZ
  3402 3403 3404 3405 3406 3407
  3408 340A 340B 340C 340D 340E
  3410 3411 3412 3413 3438 3439
  3440 3441 3442 3443 3444 3445
  3446 3447

• 4000 to 4ZZZ
  4100 4103 4104 495A
• 5000 to 5ZZZ
  5011  5012  5040  5050  5100  5200
  520E  5400  5700  5B00  5B01  5C02

• 6000 to 6ZZZ
  6000  6001  6004  6500  6502  6800
  6801  6830  6831  6832  6833  6900
  6901  6902  6910  6911  6920  6921
  6930  6931  6932  6933  6934  6935
  6936  6937  6938  6940  6941  6942
  6943  6944  6945  6946  6951  6A80
  6A81  6D01

• 7000 to 7ZZZ
  7500  7600  7700  7800

• 8000 to 8ZZZ
  8300

• A000 to ZZZZ
  C000

For paper jam support codes, see also List of Support Code for Error (Paper Jams).
List of Support Code for Error (Paper Jams)

If paper jams, remove it following the appropriate procedure as shown below.

- If you can see the jammed paper at the paper output slot or the rear tray:
  ➤ 1300

- If you cannot see the jammed paper at the paper output slot or the rear tray:
  ◦ If the paper fed from the cassette is jammed:
    ➤ 1303
  ◦ If the paper is jammed when performing automatic duplex printing:
    ➤ 1304
  ◦ If the paper is jammed as the printer pulled in the printed paper:
    ➤ 1313
  ◦ If the paper tears and you cannot remove it from the paper output slot or if the paper is jammed inside the printer:
    ➤ Paper Is Jammed inside Printer

- If the document is jammed in the ADF (Auto Document Feeder):
  ➤ 2801

- Cases other than above:
  ➤ Other Cases
Cause
Paper is jammed when feeding paper from rear tray.

What to Do
If the paper fed from the rear tray is jammed, remove the jammed paper from the paper output slot or from the rear tray following the instructions below.

1. Slowly pull out paper, either from paper output slot or from rear tray, whichever is easier.

   Hold the paper with both hands, and pull it out slowly so as not to tear it.

   ![Image of printer](image)

   Note
   
   - If you cannot pull out the paper, turn the printer back on without pulling forcibly. The paper may be ejected automatically.
   - If paper becomes jammed during printing and you need to turn off the printer to remove it, tap Stop to stop the printing before you turn off the printer.
   - If the paper tears and you cannot remove the jammed paper from the paper output slot or the rear tray, remove the paper from inside the printer.
     
     ➤ Paper Is Jammed inside Printer
   
   - If you cannot pull the paper out from the paper output slot or from the rear tray, try to pull the paper out from the rear side of the printer.
     
     ➤ Removing Jammed Paper from Rear Side

2. Reload paper and select OK on printer's touch screen.

   The printer resumes printing. Reprint the page you were printing if it was not printed properly due to the paper jam.

   If you turned off the printer in step 1, the print data that was sent to the printer is erased. Redo the printing.
Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.
- We recommend using paper sizes other than A5 to print documents with photos or graphics. A5 paper may curl and jam as it leaves the printer.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.
1303

Cause
Paper is jammed when feeding paper from cassette.

What to Do

1. Remove jammed paper.
   • If the paper is jammed at the paper output slot:
     ➞ 1300
   • If the paper is jammed inside the printer:
     ➞ Paper Is Jammed inside Printer
   • If the paper is jammed at the feeder of the cassette:
     Pull out the cassette, and then remove the paper slowly with both hands.
   • If none of the above is applied, see Removing Jammed Paper from Rear Side to open the rear cover and to remove the paper.

2. Load paper in cassette properly.
   ➞ Loading Paper in the Cassette

3. Perform printing or copying again.
1304

<table>
<thead>
<tr>
<th>Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper is jammed when performing automatic duplex printing.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Remove jammed paper.</td>
</tr>
<tr>
<td>• If the paper is jammed at the paper output slot:</td>
</tr>
<tr>
<td>➤ 1300</td>
</tr>
<tr>
<td>• If the paper is jammed inside the printer:</td>
</tr>
<tr>
<td>➤ Paper Is Jammed inside Printer</td>
</tr>
<tr>
<td>• If the paper is jammed at the feeder of the cassette:</td>
</tr>
<tr>
<td>Pull out the cassette, and then remove the paper slowly with both hands.</td>
</tr>
<tr>
<td>• If none of the above is applied, see Removing Jammed Paper from Rear Side to open the rear cover and to remove the paper.</td>
</tr>
<tr>
<td>2. Load paper properly.</td>
</tr>
<tr>
<td>➤ Loading Paper in the Cassette</td>
</tr>
<tr>
<td>➤ Loading Paper in the Rear Tray</td>
</tr>
<tr>
<td>3. Perform printing or copying again.</td>
</tr>
</tbody>
</table>
### Cause

Paper is jammed as printer pulled in printed paper.

### What to Do

If the paper is jammed as the printer pulled in the printed paper, try to remove the paper from the following locations.

- Paper output slot
  - [1300](#)
- Inside of the printer
  - [Paper Is Jammed inside Printer](#)

If the measures above do not solve the problem, see [Removing Jammed Paper from Rear Side](#) to open the rear cover and to remove the paper.
Paper Is Jammed inside Printer

If the jammed paper tears and you cannot remove the paper from the paper output slot, or if the jammed paper remains inside the printer, remove the paper following the instructions below.

**Note**

- If paper becomes jammed during printing and you need to turn off the printer to remove it, tap **Stop** to stop the printing before you turn off the printer.

1. Turn off printer and unplug it.

2. Open scanning unit / cover.

![Scanning Unit Cover](image)

**Important**

- Do not touch white belt (A).

![White Belt](image)

If you soil or scratch this part by touching it with paper or your hand, it could damage the printer.

3. Check if jammed paper is under print head holder.

   If the jammed paper is under the print head holder, move the print head holder to the far right or left, whichever makes it easier to remove the paper.

   When moving the print head holder, hold the top of the print head holder and slide it slowly to the far right or left.
4. Hold jammed paper firmly in both hands.

5. Slowly pull out paper, so as not to tear it.

Pull out the paper at an angle of about 45 degrees.

6. Make sure all jammed paper is removed.

If the paper tears when you pull it out, a bit of paper may remain in the printer. Check the following and remove any remaining paper.
7. Close scanning unit / cover.

All jobs in the print queue are canceled. Redo the printing.

Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly. If a paper jam message appears on the touch screen or on your computer screen when you resume printing after removing all the jammed paper, there may be some paper still inside the printer. Check the printer again for any remaining bits of paper.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.
Removing Jammed Paper from Rear Side

**Note**

- If paper becomes jammed during printing and you need to turn off the printer to remove it, tap **Stop** to stop the printing before you turn off the printer.

1. Rotate printer so that rear side of printer faces toward you.

2. Open rear tray cover and then pull up paper support.

3. Detach rear cover.

   Pull out the rear cover.
4. Slowly pull out paper.

**Note**
- Do not touch the inner parts of the printer.

If you were not able to remove the paper in this step, detach the transport unit cover and remove the paper by following these steps.

1. Detach transport unit cover.
   - Lift up the transport unit cover and pull it out.
2. Slowly pull out paper.

![Image of printer with paper being pulled out]

**Note**
- Do not touch the inner parts of the printer.

3. Make sure all jammed paper is removed.

4. Attach transport unit cover.

   Insert the transport unit cover slowly all the way into printer and take down the transport unit cover.

![Image of transport unit cover being attached]

5. Attach rear cover.

   Insert the projections of the right side of the rear cover into the printer, and then push the left side of the rear cover until it is closed completely.

![Image of rear cover being attached]
If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.
Cause
Possible causes include the following.

• There is no paper in the rear tray.
• Paper is not loaded in the rear tray properly.

What to Do
Take the corresponding actions below.

• Load paper in the rear tray.
  ➞ Loading Paper in the Rear Tray

• Align the paper guides with the both edges of the paper when you load paper in the rear tray.

• Set paper information for the paper in the rear tray.

After carrying out the above measures, select OK on the touch screen.

Important
• Be sure to close the feed slot cover after loading paper in the rear tray. If the feed slot cover is open, paper cannot be fed.

Note
• After loading paper in the rear tray, the screen for setting rear tray paper information appears. Set paper information for the paper in the rear tray.
• To cancel printing, tap Stop on the touch screen.
1003

Cause
Possible causes include the following.
- There is no paper in the cassette.
- Paper is not loaded in the cassette properly.

What to Do
Take the corresponding actions below.
- Load paper in the cassette.
  ➔ Loading Paper in the Cassette
- Align the paper guides with the both edges of the paper when you load paper in the cassette.
- Set paper information for the paper in the cassette.

After carrying out the above measures, select OK on the touch screen.

Note
- Once the cassette is inserted, the screen for setting cassette paper information appears. Set paper information for the paper in the cassette.
- The loadable paper differs depending on the paper source.
  - The loadable paper in the cassette is A4, Letter, A5, or B5 size plain paper.
- To cancel printing, tap Stop on the touch screen.
1200

Cause
Scanning unit / cover is open.

What to Do
Close the scanning unit / cover and wait for a while.
Do not close it while you are replacing an ink tank.
1401

Cause
Print head may be damaged.

What to Do
Turn off the printer and turn it back on.
If this does not solve the problem, contact your nearest Canon service center to request a repair.
1600

**Cause**
Ink may have run out.

**What to Do**
Replacing the ink tank is recommended.

If printing is in progress and you want to continue printing, tap **OK** on the printer with the ink tank installed. Then printing can continue. Replacing the ink tank is recommended after the printing. The printer may be damaged if printing is continued under the ink out condition.
Cause
The ink tank cannot be recognized.

What to Do
Printing cannot be performed because the ink tank is not installed or is not compatible with this printer.
Check the ink tank.
If you want to cancel printing, tap Stop on the printer.
1688

Cause
The ink has run out.

What to Do
Replace the ink tank and close the scanning unit / cover.
Printing under the current condition may damage the printer.
If you want to continue printing in this condition, you need to disable the function for detecting the remaining ink level. 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 which may be caused by continuation of printing under the ink out condition.

Note
- If the function for detecting the remaining ink level is disabled, the ink tank is displayed in white on the touch screen when the current estimated ink level is checked.
**Cause**

Printer detected ink out condition.

**What to Do**

Replace the ink tank and close the scanning unit / cover.

An ink tank that was once empty is installed.

Printing under the ink out condition may damage the printer.

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.

**Note**

- If the function for detecting the remaining ink level is disabled, the ink tank is displayed in white on the touch screen when the current estimated ink level is checked.
1700

Cause
Ink absorber is almost full.

What to Do
Select OK on the touch screen to continue printing. Contact your nearest Canon service center to request a repair.

Note
- In the case of warnings or errors caused by remaining ink levels, the printer cannot print or scan.
1890

**Cause**

Tape for securing print head holder during transportation may still be attached.

**What to Do**

Open the scanning unit / cover and make sure the tape for securing the print head holder during transportation has been removed.

If the tape is still there, remove it and close the scanning unit / cover.

If this does not solve the problem, contact your nearest Canon service center to request a repair.
Cause

Paper settings for printing or copying do not match cassette paper information set on printer.

Note

- See below for the correct correspondence between paper settings made on the printer driver or on the touch screen.
  - Paper Settings on the Printer Driver and the Printer (Media Type) (Windows)
  - Paper Settings on the Printer Driver and the Printer (Paper Size) (Windows)
- For copying, make the copy paper settings to match cassette paper information set on the printer.
- See below for details on cassette paper information set on the printer.
  - Paper Settings

If the print or copy paper settings do not match cassette paper information set on the printer, as shown below, a message appears on the touch screen.

- Print settings specified on the printer driver:
  - Paper size: A5
  - Media type: Plain paper
- Cassette paper information set on the printer:
  - Paper size: A4
  - Media type: Plain paper

What to Do

Select Next on the touch screen to display the screen below.
Select what to do from the following.

- **Print with the loaded paper.**
  - Select this option to print or copy onto the paper in the cassette without changing the paper settings.
  - For example, if the print or copy paper setting is A5, and cassette paper information is set to A4, the A5 size setting is used to print or copy onto the paper in the cassette.

- **Replace the paper and print**
  - Select this option to print after changing the paper in the cassette.
  - For example, if the print or copy paper setting is A5, and cassette paper information is set to A4, change the paper in the cassette to A5 paper and proceed with printing or copying.
  - Once you have inserted the cassette after changing the paper, the screen for setting cassette paper information appears. Set paper information for the paper in the cassette.

**Note**
- If you do not know what paper information to set, tap (Back). The previous screen appears, showing the paper size and media type. Check the paper settings and set them as cassette paper information.
- See below for the correct correspondence between paper settings made on the printer driver or on the touch screen.
  - **Paper Settings on the Printer Driver and the Printer (Media Type) (Windows)**
  - **Paper Settings on the Printer Driver and the Printer (Paper Size) (Windows)**

**Cancel print**
- Cancels printing.
- Select this option when you want to change the print or copy paper settings. Change the paper settings and retry printing.

**Note**
- To suppress the misprint prevention message, change the setting as described below. When you suppress the message, the printer uses the paper settings for printing or copying onto the paper in the cassette regardless of whether or not the paper matches these settings.
• To change the message view setting when printing or copying using the operation panel of the printer:
  ➤ Feed settings

• To change the message view setting when printing using the printer driver:
  ➤ Changing the Printer Operation Mode (Windows)
  ➤ Changing the Printer Operation Mode (macOS)
4103

**Cause**
Cannot perform printing with current print settings.

**What to Do**
Tap **Stop** on the touch screen to cancel printing.
Then change the print settings and retry printing.
5011

**Cause**

Printer error has occurred.

**What to Do**

Turn off printer and unplug it.

Plug in the printer again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.
5012

Cause
Printer error has occurred.

What to Do
Turn off printer and unplug it.
Plug in the printer again and turn it back on.
If this does not solve the problem, contact your nearest Canon service center to request a repair.
5100

Cause
Printer error has occurred.

What to Do
Cancel printing and turn off the printer.
Check the following:
  • Make sure print head holder motion is not impeded by tapes for securing the print head holder during transportation, jammed paper, etc.
    Remove any impediment.
  • Make sure the ink tanks are properly installed.
    Press ink tanks until they click into place.
Turn the printer back on.
If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important
  • When clearing an impediment to print head holder motion, be careful not to touch white belt (A).

If you soil or scratch this part by touching it with paper or your hand, it could damage the printer.
5200

Cause
Printer error has occurred.

What to Do
Turn off printer and unplug it.
After a while, plug in the printer again and turn it back on.
If this does not solve the problem, contact your nearest Canon service center to request a repair.
5B00

Cause
Printer error has occurred.

What to Do
Contact your nearest Canon service center to request a repair.

Note
- In the case of warnings or errors caused by remaining ink levels, the printer cannot print or scan.
6000

**Cause**

Printer error has occurred.

**What to Do**

If the paper is jammed, remove it depending on the jammed location and cause.

⇒ [List of Support Code for Error (Paper Jams)]

Turn off printer and unplug it.

Plug in the printer again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.
C000

Cause
Printer error has occurred.

What to Do
Cancel printing and turn off the printer.
Check the following:

- Make sure print head holder motion is not impeded by tapes for securing the print head holder during transportation, jammed paper, etc.
  Remove any impediment.
- Make sure the ink tanks are properly installed.
  Press ink tanks until they click into place.

Turn the printer back on.
If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important
- When clearing an impediment to print head holder motion, be careful not to touch white belt (A).

If you soil or scratch this part by touching it with paper or your hand, it could damage the printer.