TS5100 series
Online Manual

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List of Support Code for Error

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Using Online Manual

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

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

⚠ Important
Instructions including important information. To avoid damage and injury or improper use of the product, be sure to read these indications.

⚠ 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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**Note**

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

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CMap Resources

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Basic Operation

- Printing Photos from a Computer
- Printing Photos from a Smartphone/Tablet
- Copying
Printing Photos from a Computer

This section describes how to print photos with My Image Garden.

1. Open the rear tray cover (A) and then pull up the paper support (B).

2. Open the feed slot cover (C).

3. Load paper vertically WITH THE PRINT SIDE FACING UP.

4. Align the paper guides (D) with the paper width.
5. Close the feed slot cover (E) gently.

After closing the feed slot cover, the paper information registration screen for the rear tray is displayed on the LCD.

6. Select the size and type of the loaded paper in the rear tray at **Page size** and **Type**, and then select **Register**.
7. Open the operation panel (F), pull out the paper output tray (G) and paper output support (H), and open the output tray extension (I).

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

8. Click the My Image Garden icon (J) in Quick Menu.

The Guide Menu screen is displayed.

Note

- The number and types of icons displayed vary depending on your region, the registered printer/scanner and the installed applications.

9. Click the Photo Print icon (K).
10. Click the folder (L) with photos you want to print.

11. Click the photos (M) you want to print.

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

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

12. Click **Print** (N).

13. Specify the number of copies, etc.

   **For Windows:**
   
   Specify the number of copies, your printer name, media type, etc.
For Mac OS:
Specify the number of copies.


For Windows:
Click Print.

For Mac OS:
Click Print.

When the Print dialog starts, specify your printer name, paper size, etc., then click Print.

**Note**

- My Image Garden lets you use images on your computer, such as photos taken with a digital camera, in a number of ways.
  - For Windows:
    - My Image Garden Guide
  - For Mac OS:
    - My Image Garden Guide

- If your printer is not displayed on Mac OS, the AirPrint setting in My Image Garden may not be correct. For details on how to set correctly, refer to a heading for AirPrint-enabled Printer on below page.
  - Making Settings According to Printer Status
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 the rear tray cover (A) and then pull up the paper support (B).

2. Open the feed slot cover (C).

3. Load paper vertically WITH THE PRINT SIDE FACING UP.

4. Align the paper guides (D) with the paper width.
5. Close the feed slot cover (E) gently.

After closing the feed slot cover, the paper information registration screen for the rear tray is displayed on the LCD.

6. Select the size and type of the loaded paper in the rear tray at **Page size** and **Type**, and then select **Register**.
7. Open the operation panel (F), pull out the paper output tray (G) and paper output support (H), and open the output tray extension (I).

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

8. Start (Canon PRINT Inkjet/SELPHY) from your smartphone/tablet.

9. Select Photo Print on Canon PRINT Inkjet/SELPHY.

   The list of photos saved on your smartphone/tablet is displayed.

10. Select a photo.

    You can also select multiple photos at once.

11. Specify the number of copies, paper size, etc.

12. Select Print.
Copying

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. Remove the cassette cover (B).

3. Load the paper stack WITH THE PRINT SIDE FACING DOWN.
4. Align the paper guides (C) with the paper length and width.

5. Mount the cassette cover, and then insert the cassette into the printer.

After inserting the cassette into the printer, the paper information registration screen for the cassette is displayed on the LCD.

6. Select the size of the loaded paper in the cassette at **Page size**, and then select **Register**.
7. Open the operation panel (D), pull out the paper output tray (E) and paper output support (F), and open the output tray extension (G).

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

8. Press the **HOME** button (H).

9. Select **Copy** (I).

10. Select **Standard copy**.
11. Open the document cover (J).

12. Load the original WITH THE SIDE TO COPY FACING DOWN and align it with the alignment mark (K).

13. Close the document cover.

14. Confirm the paper settings, then press the Black button (L) or Color button (M).

>>> Important

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

>>> Note

- Your printer is equipped with many other convenient copy features.

  ➔ Copying
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 SSID and security protocol on the printer.
  - When the connection between a device and a wireless router is completed and Wi-Fi icon is displayed in the device's screen, you can connect the device to the printer using the wireless router.

- 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 SSID and security protocol are specified automatically.

Note

- You can connect the printer and computer using a USB cable (USB connection). Prepare a USB cable. For details, see Connecting to Another Computer via LAN/Changing 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:
Changing Wireless LAN Connection Method

Changing Connection Mode

• To add computer/smartphone/tablet to the printer:
  ➤ Connecting to Another Computer via LAN/Changing 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.

➤ For Windows
➤ For Mac OS

• 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/Mac OS)
  You can diagnose or repair network settings using IJ Network Device Setup Utility.
  ◦ For Windows:
    ➤ IJ Network Device Setup Utility (Windows)
  ◦ For Mac OS:
    ➤ IJ Network Device Setup Utility (Mac OS)

Network Connection Tips

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

➤ Network Connection Tips
➤ Changing Printer’s Setting Using 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 smartphone) 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.

Connect via wireless router

- Make sure your device and the wireless router are connected. For details on checking these settings, see the manual supplied with the wireless router or contact its manufacturer.
  
  As for a device already connected to the printer without using a wireless router, reconnect it via a wireless router.
- Configuration, router functions, setup procedures and security settings of network devices vary depending on the system environment. For details, see the manual for your network device or contact its manufacturer.
- This printer does not support IEEE802.11ac, IEEE802.11a, or IEEE802.11n (5 GHz). Check if your device supports IEEE802.11n (2.4 GHz), IEEE802.11g or IEEE802.11b.
- 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 wireless router settings, see the 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.
Network Connection Tips

- Default Network Settings
- Another Printer Found with Same Name
- Connecting to Another Computer via LAN/Changing from USB to LAN Connection
- Printing Network Settings
- Changing Wireless LAN Connection Method
Default Network Settings

LAN Connection Defaults

<table>
<thead>
<tr>
<th>Item</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLAN active/inactive</td>
<td>Inactive</td>
</tr>
<tr>
<td>SSID</td>
<td>BJNPSETUP</td>
</tr>
<tr>
<td>Wireless LAN 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>XXXXXXXX</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 TS5100 series</td>
</tr>
<tr>
<td>LPR protocol setting</td>
<td>Enable</td>
</tr>
<tr>
<td>RAW protocol</td>
<td>Enable</td>
</tr>
<tr>
<td>LLMNR</td>
<td>Active</td>
</tr>
<tr>
<td>PictBridge communication</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>SSID (Identifier for wireless direct)</td>
<td>DIRECT-abXX-TS5100series *1</td>
</tr>
<tr>
<td>Password</td>
<td>YYYYYYYYYYY *2</td>
</tr>
<tr>
<td>Wireless LAN security</td>
<td>WPA2-PSK (AES)</td>
</tr>
<tr>
<td>Wireless Direct device name</td>
<td>DIRECT-abXX-TS5100series *1</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.
Another Printer Found with Same Name

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

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

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

• For Mac OS:
  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 LCD.
  MAC address
  ➤ LAN settings
  Serial number
  ➤ System information

• Print the network settings.
  ➤ Printing Network Settings
Connecting to Another Computer via LAN/Changing from USB to LAN Connection

- For Windows:
- For Mac OS:

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 Mac OS:
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. **Make sure printer is turned on.**

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

3. Select "Network status" on the LCD.

4. Check message and select **Yes**.

5. Select **Print details**.

6. Select **Yes**.

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>
<tr>
<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>XXXXXXXXXX</td>
</tr>
<tr>
<td>1-2</td>
<td>ROM Version</td>
<td>ROM version</td>
<td>XXXXXXXXXX</td>
</tr>
<tr>
<td>1-3</td>
<td>Serial Number</td>
<td>Serial number</td>
<td>XXXXXXXXXX</td>
</tr>
<tr>
<td>2</td>
<td>Network Diagnostics</td>
<td>Network diagnostics</td>
<td>—</td>
</tr>
<tr>
<td>2-1</td>
<td>Diagnostic Result</td>
<td>Diagnostic result</td>
<td>XXXXXXXXXX</td>
</tr>
<tr>
<td>2-2</td>
<td>Result Codes</td>
<td>Result codes</td>
<td>XXXXXXXXX</td>
</tr>
<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>
</tr>
<tr>
<td>3</td>
<td>Wireless LAN</td>
<td>Wireless LAN</td>
<td>Enable/Disable</td>
</tr>
<tr>
<td>3-2</td>
<td>Infrastructure</td>
<td>Infrastructure</td>
<td>Enable/Disable</td>
</tr>
<tr>
<td>3-2-1</td>
<td>Signal Strength</td>
<td>Signal strength</td>
<td>0 to 100 [%]</td>
</tr>
<tr>
<td>3-2-2</td>
<td>Link Quality</td>
<td>Link quality</td>
<td>0 to 100 [%]</td>
</tr>
<tr>
<td>3-2-3</td>
<td>Frequency</td>
<td>Frequency</td>
<td>XX (GHz)</td>
</tr>
<tr>
<td>3-2-4</td>
<td>MAC Address</td>
<td>MAC address</td>
<td>XX:XX:XX:XX:XX:XX</td>
</tr>
<tr>
<td>3-2-5</td>
<td>Connection</td>
<td>Connection status</td>
<td>Active/Inactive</td>
</tr>
<tr>
<td>3-2-6</td>
<td>SSID</td>
<td>SSID</td>
<td>Wireless LAN SSID</td>
</tr>
<tr>
<td>3-2-7</td>
<td>Channel</td>
<td>Channel</td>
<td>XX (1 to 13)</td>
</tr>
<tr>
<td>3-2-8</td>
<td>Encryption</td>
<td>Encryption method</td>
<td>None/WEP/TKIP/AES</td>
</tr>
<tr>
<td>3-2-9</td>
<td>WEP Key Length</td>
<td>WEP key length (bits)</td>
<td>Inactive/128/64</td>
</tr>
<tr>
<td>3-2-10</td>
<td>Authentication</td>
<td>Authentication method</td>
<td>None/auto/open/shared/WPA-PSK/WPA2-PSK</td>
</tr>
<tr>
<td>3-2-11</td>
<td>TCP/IPv4</td>
<td>TCP/IPv4</td>
<td>Enable</td>
</tr>
<tr>
<td>3-2-12</td>
<td>IP Address</td>
<td>IP address</td>
<td>XXX.XXX.XXX.XXX</td>
</tr>
<tr>
<td>3-2-13</td>
<td>Subnet Mask</td>
<td>Subnet mask</td>
<td>XXX.XXX.XXX.XXX</td>
</tr>
<tr>
<td>3-2-14</td>
<td>Default Gateway</td>
<td>Default gateway</td>
<td>XXX.XXX.XXX.XXX</td>
</tr>
<tr>
<td>3-2-15</td>
<td>TCP/IPv6</td>
<td>TCP/IPv6</td>
<td>Enable/Disable</td>
</tr>
<tr>
<td>3-2-16</td>
<td>Link Local Address</td>
<td>Link local address</td>
<td>XXX:XXXX:XXXX:XXXX</td>
</tr>
<tr>
<td>3-2-17</td>
<td>Link Local Prefix Length</td>
<td>Link local prefix length</td>
<td>XXX</td>
</tr>
<tr>
<td>3-2-18</td>
<td>Stateless Address1</td>
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</table>

("XX" represents alphanumeric characters.)
Changing Wireless LAN Connection Method

Follow either procedure below to change wireless LAN 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. Make sure printer is turned on.
     If the HOME screen is not displayed, press the HOME button.
  2. Select "Network status" on the LCD.

    ➤ **LCD and Operation Panel**
    
    3. Check message and select Yes.
    4. Select LAN settings.
    5. Select Wireless LAN.
    7. Select Easy wireless connect.
    8. Check message and select Yes.

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

• For Mac OS:
  Redo setup from the web page.
Handling Paper, Originals, FINE Cartridges, etc.

- Loading Paper
- Loading Originals
- Replacing a FINE Cartridge
Loading Paper

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

Important

• If you cut plain paper into small size such as 4” x 6” (10 x 15 cm) or 5” x 7” (13 x 18 cm) to perform trial print, it can cause paper jams.

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.

   ![Flatten 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 Check3 in Paper Is Smudged / Printed Surface Is Scratched.

2. Load paper.

   1. Open the rear tray cover (A) and then pull up the paper support (B).
2. Open the feed slot cover (C).

3. Slide the paper guides to open them, and load the paper in the center of the rear tray WITH THE PRINT SIDE FACING UP.

4. Slide the paper guides (D) to align them with both sides of the paper stack.
   Do not slide the paper guides too hard against the paper. The paper may not be fed properly.
5. Close the feed slot cover (H) 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 information registration screen for the rear tray is displayed on the LCD.

6. Select the size and type of the loaded paper in the rear tray at Page size and Type, and then select Register.

7. Open the operation panel (I), pull out the paper output tray (J) and paper output support (K), and open the output tray extension (L).

Be sure to open the operation panel before printing. If the operation panel is close, the printer does not start printing.
When printing, select the size and type of the loaded paper on the print settings screen of the operation panel or the computer.

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 information set for the paper loaded on the rear tray matches the paper settings. Before printing, make paper settings in accordance with the paper information. 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.

   ![Align paper edges](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 [Check3 in Paper Is Smudged / Printed Surface Is Scratched](#).

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

![Cassette](image)
3. Remove the cassette cover (B).

4. Slide the paper guide (C) in front and (D) on the right to open the guides.

5. Load the paper stack WITH THE PRINT SIDE FACING DOWN, and place it in the center of the cassette.

**Important**

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

**Note**

- Align the paper stack with the edge of the cassette as shown in the figure below.
6. Align the paper guide (H) in front with the paper stack.
   Align the paper guide (H) with where it clicks into place.

7. Slide the paper guide (I) on the right to align with the 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 (J).
- Keep the paper stack height below the tabs (K) of the paper guides.

8. Mount the cassette cover, and then insert the cassette into the printer.
   Push the cassette into the printer until it stops.
   After inserting the cassette into the printer, the paper information registration screen for the cassette is displayed on the LCD.
9. Select the size and type of the loaded paper in the cassette at **Page size**, then select **Register**.

10. Open the operation panel (L), pull out the paper output tray (M) and paper output support (N), and open the output tray extension (O).

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

- When printing, select the size and type of the loaded paper on the print settings screen of the operation panel or the computer.

- To prevent incorrect printing, this printer has a function that detects whether the information set for the paper loaded in the cassette matches the paper settings. Before printing, make paper settings in accordance with the paper information. 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

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 (Wireless LAN) 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 inches (3 mm).

2. Load envelopes.

   1. Open the rear tray cover (A) and then pull up the paper support (B).
2. Open the feed slot cover (C).

3. Slide the paper guides (D) to open them, and load the envelopes in the center of the rear tray WITH THE PRINT SIDE FACING UP.

   Fold flap of the envelope and load the envelope in the portrait orientation with the address side facing up.
   Up to 10 envelopes can be loaded at once.

4. Slide the paper guides (D) to align them with both sides of the envelopes.

   Do not slide the paper guides too hard against the envelopes. The envelopes may not be fed properly.
5. Close the feed slot cover (F) 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 information registration screen for the rear tray is displayed on the LCD.

6. Select the size and type of the loaded envelopes in the rear tray at **Page size** and **Type**, and then select **Register**.

7. Open the operation panel (G), pull out the paper output tray (H) and paper output support (I), and open the output tray extension (J).

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

**Note**

- After loading envelopes, select the size and type of the loaded envelopes on the print settings screen of the printer driver.
- To prevent incorrect printing, this printer has a function that detects whether the information set for the paper loaded on the rear tray matches the paper settings. Before printing, make paper settings in accordance with the paper information. 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 Originals

- Loading Originals on the Platen Glass
- Loading Based on Use
- Supported Originals
- How to Detach / Attach the Document Cover
Loading Originals on the Platen Glass

1. Open the document cover.

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

   ➤ Loading Based on Use

   ▶▶ Important

   • Be sure to observe the following when loading the original on the platen glass.
     - 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.

   Failure to observe the above may cause the scanner to malfunction or the platen glass to break.

3. Close the document cover gently.
Important

- After loading the original on the platen glass, be sure to close the document cover before starting to copy or scan.
## 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.

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<td></td>
<td>• Select <strong>Auto scan</strong> for <strong>Doc.type</strong> in <strong>Scan</strong>.</td>
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<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>
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### Note

- For details on how to scan from the computer and how to load originals, see below.
  - For Windows:  
    - Scanning from Computer (Windows)
  - For Mac OS:
**Loading the Original to Be Aligned with the alignment mark**

Place the original WITH THE SIDE TO SCAN FACING DOWN on the platen glass 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 inches (1 mm) from the edges of the platen glass).

**Loading Only One Original in the Center of the platen glass**

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

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

You can place up to 12 items.

A: More than 0.40 inches (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

<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>Size (width x height)</td>
<td>Max. 8.5 x 11.7 inches (216 x 297 mm)</td>
</tr>
</tbody>
</table>

**Note**

- When loading a thick original such as a book on the platen glass, you can load it by removing the document cover from the printer.

  ➔ [How to Detach / Attach the Document Cover](#)
How to Detach / Attach the Document Cover

Detaching the document cover:
Hold up the document cover vertically and then tip it back.

Attaching the document cover:
Fit both hinges (A) of the document cover into the holder (B) and insert both hinges of the document cover vertically as illustrated below.
Replacing a FINE Cartridge

- Replacing a FINE Cartridge
- Checking Ink Status on the LCD
- Ink Tips
Replacing a FINE Cartridge

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

An Error Occurs

Replacing Procedure

When you need to replace a FINE cartridge, follow the procedure below.

Important

• Do not touch the electrical contacts (A) or print head nozzle (B) on a FINE cartridge. The printer may not print properly if you touch them.

![Image of FINE cartridge with electrical contacts and nozzle indicated]

• If you remove a FINE cartridge, replace it immediately. Do not leave the printer with the FINE cartridge removed.

• Use a new FINE cartridge for replacement. Installing a used FINE cartridge may cause the nozzles to clog.

Furthermore, with such a FINE cartridge, the printer will not be able to inform you when to replace the FINE cartridge properly.

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

Note

• For Windows, if a FINE cartridge runs out of ink, you can print with either color or black FINE cartridge, in whichever ink remains, only for a while. However the print quality may be reduced compared to when printing with both cartridges. We recommend to use a new FINE cartridge in order to obtain optimum qualities.

Even when printing with one ink only, print with leaving the empty FINE cartridge installed. If either of the color FINE cartridge or black FINE cartridge is not installed, an error occurs and the printer cannot print.

For information on how to configure this setting, see below.

Setting the FINE Cartridge to be Used

• Color ink may be consumed even when printing a black-and-white document or when black-and-white printing is specified.
Both color ink and black ink are 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 ink runs out, replace the FINE cartridge immediately with a new one.

**Ink Tips**

1. Make sure that the power is turned on.

2. Open the scanning unit / cover.

   The print head holder moves to the replacement position.

   ![Image](image1)

   **Caution**

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

   **Important**

   - The inside of the printer may be stained with ink. Be careful not to stain your hands or clothing when replacing the FINE cartridge. You can easily wipe off the ink from the inside of the printer with tissue paper or the like.
   - Do not touch the metallic parts or other parts inside the printer.
   - If the scanning unit / cover is left open for more than 10 minutes with the FINE cartridge installed, the FINE cartridge holder moves to the right. In this case, close and reopen the scanning unit / cover.

3. Remove the empty FINE cartridge.

   1. Pinch the tabs and open the ink cartridge locking cover.
2. Remove the FINE cartridge.

**Important**

- Handle the FINE cartridge carefully to avoid staining of clothing or the surrounding area.
- Discard the empty FINE cartridge according to the local laws and regulations regarding disposal of consumables.

4. Prepare a new FINE cartridge.

1. Take a new FINE cartridge out of its package and remove the protective tape (C) gently.
Important

- If you shake a FINE cartridge, ink may spill out and stain your hands and the surrounding area. Handle a FINE cartridge carefully.
- Be careful not to stain your hands and the surrounding area with ink on the removed protective tape.
- Do not reattach the protective tape once you have removed it. Discard it according to the local laws and regulations regarding disposal of consumables.
- Do not touch the electrical contacts or print head nozzle on a FINE cartridge. The printer may not print properly if you touch them.

5. Install the FINE cartridge.


      The color FINE cartridge should be installed into the left slot and the black FINE cartridge should be installed into the right slot.

   2. Close the ink cartridge locking cover to lock the FINE cartridge into place.

      Push down the ink cartridge locking cover until it clicks.
Important

- The printer cannot print unless both the color FINE cartridge and black FINE cartridge are installed. Be sure to install both cartridges.

6. Close the scanning unit / cover.

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
- The printer may make noise during operation.

7. Adjust the print head position.

  - Aligning the Print Head

After replacing the FINE cartridge, align the print head.

Note

- When print head alignment is performed, the printer starts cleaning the print head automatically before printing the print head alignment sheet. Do not perform any other operations until the printer completes the cleaning of the print head.
Checking Ink Status on the LCD

1. Make sure that the power is turned on, and display the HOME screen.
   If the HOME screen is not displayed, press the HOME button to display it.

2. Select Setup on the HOME screen.
   ➡ LCD and Operation Panel
   The setup 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](image)

   Example: ⚠️
   The ink is running low. Prepare a new ink cartridge. The resulting print quality may not be satisfactory, if printing is continued under this condition.

   ➤ Note

   • The above screen shows estimated ink levels.
   • Selecting Ink number displays the Ink number screen for checking ink numbers. Selecting Order ink now on this screen displays the QR code for accessing the ink purchasing site. Cost of connecting to Internet is to be born by the customer.
   • You can also check the ink status on a screen of the LCD displayed while printing.
   • You can also check the ink status on the computer screen.
     • For Windows:
       ➡ Checking Ink Status from Your Computer
     • For Mac OS:
       ➡ 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. Ink is not only used for printing, but also for cleaning the print head to maintain the optimal printing quality.

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

Does black-and-white printing use color ink?

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

- If Printing Is Faint or Uneven
- Performing Maintenance Functions from Your Computer (Windows)
- Performing Maintenance Functions from Your Computer (Mac OS)
- Cleaning
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
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 FINE cartridge. This can cause trouble with the FINE cartridge.

**Note**

- Check if ink remains in the FINE cartridge.
  - [Checking Ink Status on the LCD](#)

Check if the FINE cartridge is installed correctly.

- [Replacing Procedure](#)

Also check if the protective tape on the bottom of the FINE cartridge is removed.

- If the error message is displayed on the LCD, see [An Error Occurs](#).
- For Windows, increasing the print quality in the printer driver settings may improve the print result.
  - [Changing the Print Quality and Correcting Image Data](#)

---

When the Print Results Are Blurred or Uneven:

**Step1** Print the nozzle check pattern.

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

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

**Step2** 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 Mac OS:
      ➤ 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 Mac OS:
      ➤ Cleaning the Print Heads

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:

[Step 5] Replace the FINE cartridge.
   ➤ Replacing a FINE Cartridge

➤ Note

• If the problem is still not resolved after replacing the FINE cartridge, contact your nearest Canon service center to request a repair.
When the Print Results Are Not Even such as the Ruled Lines Are Misaligned:

**Step** Align the print head.

From the printer

- [Aligning the Print Head](#)

From the computer

- For Windows:
  - Adjusting Print Head Position

- For Mac OS:
  - 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 FINE cartridge whose ink is low.

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

1. Make sure that the power is turned on.

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

   After pushing the cassette back, the paper information registration screen is displayed on the LCD. Select A4 or Letter for Page size, then select Register.

   ![Register cassette paper info]

   If a message is displayed on the screen, follow the directions in the message to complete registration.

   **Note**

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

3. Open the operation panel, then pull out the paper output tray.

4. Select Setup on the HOME screen.

   - LCD and Operation Panel

   The setup menu screen will appear.

5. Select Maintenance.

   The Maintenance screen will appear.

6. Select Print nozzle check pattern.
The confirmation screen will appear.

7. Select **Yes**.

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

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.

   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:

![Pattern Example](example.png)

(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. Make sure that the power is turned on.

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

   After pushing the cassette back, the paper information registration screen is displayed on the LCD. Select A4 or Letter for Page size, then select Register.

   ![Register cassette paper info](image)

   If a message is displayed on the screen, follow the directions in the message to complete registration.

   **Note**

   • Be sure to load paper in the cassette. Even if you load paper on the rear tray, the nozzle check pattern is not be printed.

3. Open the operation panel, then pull out the paper output tray.

4. Select Setup on the HOME screen.

   ![Setup](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 2 minutes.
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. Make sure that the power is turned on.

2. Load a sheet of A4 or Letter-sized plain paper in the cassette.
   
   After pushing the cassette back, the paper information registration screen is displayed on the LCD. Select A4 or Letter for Page size, then select Register.

   ![Image of paper information registration screen]

   If a message is displayed on the screen, follow the directions in the message to complete registration.

   **Note**
   
   • Be sure to load paper in the cassette. Even if you load paper on the rear tray, the nozzle check pattern is not be printed.

3. Open the operation panel, then pull out the paper output tray.

4. Select **Setup** on the HOME screen.

   ![Image of Setup icon]

   The setup menu screen will appear.

5. Select **Maintenance**.

   The Maintenance screen will appear.

6. Select **Deep cleaning**.
The confirmation screen will appear.

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 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, replace the FINE cartridge with a new one.
    If the problem is still not resolved after replacing the FINE cartridge, 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 FINE cartridge whose ink is low.

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

* Be sure to use paper that is white and clean on both sides.

1. Make sure that the power is turned on.

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

After pushing the cassette back, the paper information registration screen is displayed on the LCD. Select A4 or Letter for Page size, then select Register.

If a message is displayed on the screen, follow the directions in the message to complete registration.

>>> Note

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

3. Open the operation panel, then pull out the paper output tray.

4. Select Setup on the HOME screen.

   ➤ LCD and Operation Panel

   The setup menu screen will appear.

5. Select Maintenance.

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

![Auto head alignment menu]

The confirmation screen will appear.

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

The print head alignment sheet will be printed.

![Print head alignment sheet]

**Important**

- Do not touch any printed part on the print head alignment sheet. If the sheet is stained or wrinkled, it may not be scanned properly.

8. Confirm the message, then load the print head alignment sheet on the platen glass.

Load the print head alignment sheet **WITH THE PRINTED SIDE FACING DOWN** and align the mark on the bottom right corner of the sheet with the alignment mark 🕗.
9. Close the document cover gently, then select **OK**.

The printer starts scanning the print head alignment sheet, and the print head position will be adjusted automatically.

**Important**

- Do not open the document cover or move the print head alignment sheet on the platen glass until adjusting the print head position is complete.
- If the error message appears on the LCD, select **OK** to release the error, then take appropriate action.

   ➤ [An Error Occurs](#)

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

Remove the print head alignment sheet on the platen glass.

**Note**

- If the print results are still not satisfactory after adjusting the print head position as described above, adjust the print head position manually from the computer.
  - For Windows:
    ➤ [Adjusting Print Head Position](#)
  - For Mac OS:
    ➤ [Adjusting Print Head Position](#)
- To print and check the current head position adjustment values, select **Print the head alignment value** on the **Maintenance** screen.
Cleaning

- Cleaning Exterior Surfaces
- Cleaning the Platen Glass and Document Cover
- 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. Make sure that the power is turned on.

2. Select Setup on the HOME screen.
   ➔ [LCD and Operation Panel]

   The setup menu screen will appear.

3. Select Maintenance.

   The Maintenance screen will appear.

4. Select Roller cleaning.

   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 paper feed roller will rotate as it is cleaned without paper.
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 the operation panel, then pull out the 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 the service center.
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. Make sure that the power is turned on.

2. Open the operation panel, then pull out the paper output tray.

3. Select Setup on the HOME screen.

   LCD and Operation Panel

   The setup menu screen will appear.

4. Select Maintenance.

   The Maintenance screen will appear.

5. Select Bottom plate cleaning.

   The confirmation screen will appear.

6. Select Yes.

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

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

9. Fold one side of the opened paper in another half, aligning the edge with the center crease, unfold the paper, then select OK.
10. 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.

11. Mount the cassette cover, and then insert the cassette into the printer.

12. Open the operation panel, then pull out the paper output tray.

13. 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.

14. When the completion message appears, select OK.
• 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.

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

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  - Regulatory Information
  - WEEE (EU & EEA)

- **Handling Precautions**
  - Canceling Print Jobs
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Safety

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

Choosing a location

- Do not install the printer in a location that is unstable or subject to excessive vibration.
- Do not install the printer in locations that are very humid or dusty, in direct sunlight, outdoors, or close to a heating source.
- To avoid the risk of fire or electric shocks, use the printer under the operating environment specified in the Specifications.
- Do not place the printer on a thick rug or carpet.
- Do not place the printer with its back attached to the wall.

Power Supply

- Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.
  Pulling the cord may damage the power cord, leading to possible fire or electrical shock.
- Do not use an extension lead/cord.

Working Around the Printer

- Never put your hands or fingers in the printer while it is printing.
- When moving the printer, carry the printer at both ends. In case the printer weighs more than 14 kg, it is recommended to have two people lifting the printer. Accidental dropping of the printer may cause injury. For the printer's weight, refer to the Specifications.
- Do not place any object on the printer. Especially do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer.
- Do not transport or use the printer on a slant, vertically or upside-down, as the ink may leak and damage the printer.

Print Heads/Ink Tanks/FINE Cartridges

- Keep ink tanks out of the reach of children. In case ink is accidentally licked or swallowed, rinse out mouth or give one or two glasses of water to drink. If irritation or discomfort occurs, obtain medical advice immediately.
- In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Never touch the electrical contacts on a print head or FINE cartridges after printing.
  The metal parts may be very hot and could cause burns.
- Do not throw ink tanks and FINE cartridges into fire.
- Do not attempt to disassemble or modify the print head, ink tanks, and FINE cartridges.
Regulatory Information

Users in the U.S.A.

FCC Notice (U.S.A. Only)
For 120V, 60Hz model
Model Number: K10460 (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
**About Radio Waves**

Do not use this product near medical equipment or electronic equipment. Radio wave interference can affect the operation or performance of the equipment.

**Users in Canada**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

**Pour les usagers résidant au Canada**

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

**Environmental Information**

Reducing your environmental impact

**Power Consumption and Operational Modes**

The amount of electricity a device consumes depends on the way the device is used. This product is designed and set in a way to allow you to reduce the power consumption. After the last print it switches to Ready Mode. In this mode it can print again immediately if required. If the product is not used for a time, the device switches to its Sleep Mode. The devices consume less power (Watt) in these modes.

**Energy Star®**

The Energy Star® programme is a voluntary scheme to promote the development and purchase of energy efficient models, which help to minimise environmental impact.

Products which meet the stringent requirements of the Energy Star® programme for both environmental benefits and the amount of energy consumption will carry the Energy Star® logo accordingly.
Paper types

This product can be used to print on both recycled and virgin paper (certified to an environmental stewardship scheme), which complies with EN12281 or a similar quality standard. In addition it can support printing on media down to a weight of 64g/m², lighter paper means less resources used and a lower environmental footprint for your printing needs.
WEEE (EU&EEA)

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 (AEEA) 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)**

![Símbolo RAEE]

Aquest símbol indica que aquest producte no s’ha de llen 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 inadeguada d’aquest tipus de residus podria tenir un impacte negatiu en l’entorn i en la salut humana, a causa de les substàncies potencialment perilloses que normalment estan associades 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)**

![Símbolo RAEE]

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)**

![Símbolo RAEE]
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)

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 βάση ανταλλαγής όταν αγοράζετε ένα νέο παρόμοιο προϊόν ή 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 αντικτυπο στο περιβάλλον και την υγεία του ανθρώπου, λόγω δυνητικά επικίνδυνων υσών 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 απορρίμετε τον εξοπλισμό σας για
ανακύκλωση, επικοινωνήστε με το τοπικό γραφείο της πόλης σας, την υπηρεσία απορριμμάτων, το
eγκεκριμένο σχήμα ΑΗΗΕ ή την υπηρεσία απόρριψης οικιακών αποβλήτων. Για περισσότερες
πληροφορίες σχετικά με την επιστροφή και την ανακύκλωση των προϊόντων ΑΗΗΕ, επισκεφθείτε την

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

Dette symbolet indikerer at dette produktet ikke skal kastes sammen med husholdningsavfall, i henhold til
WEEE-direktiv (2012/19/EU) og nasjonal lov. Produktet må leveres til et dertil egnet innsamlingspunkt, det
vil si på en autorisert en-til-en-basis når du kjøper et nytt lignende produkt, eller til et autorisert
innsamlingssted for resirkulering av avfall fra elektrisk og elektronisk utstyr (EE-utstyr). Feil håndtering av
 denne typen avfall kan være miljø- og helseskadelig på grunn av potensielt skadelige stoffer som ofte
brukes i EE-utstyr. Samtidig bidrar din innsats for korrekt avhending av produktet til effektiv bruk av
naturenssurser. Du kan få mer informasjon om hvor du kan avhende utrangert utstyr til resirkulering ved å
kontakte lokale myndigheter, et godkjent WEEE-program eller husholdningens renovasjonsselskap. Du

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 kielletävät tuotteen hävittämisen talousjätteen mukana. Tuote
on viettävä asianmukaiseen keräyspisteeseen, esimerkiksi kodinkoneliikkeeseen uutta vastaavaa tuotetta
ostettaessa tai viralliseen sähkö- ja elektroniikkalaiteromun keräyspisteeseen. Sähkö- ja
elektroniikkalaiteromun virheellinen käsitteley voi vahingoittaa ympäristöä ja ihmisten terveyttä, koska
laitteet saattavat sisältää ympäristölle haitallisia aineita. Lisäksi tuotteen asianmukainen
hävittäminen säästää luonnonvaroja. Lisätietoja sähkö- ja elektroniikkalaiteromun keräyspiisteistä saat
kaupunkien ja kuntien tiedotuksesta, jätehuoltoviranomaisilta, sähkö- ja elektroniikkalaiteromun
kierräysjärjestelmän ylläpitäjältä ja jätehuoltoyhtiöiltä. Lisätietoja sähkö- ja elektroniikkalaiteromun
keräyksestä ja kierrátyksestä on osoitteessa www.canon-europe.com/weee.

Endast för Europeiska unionen och EES (Norge, Island och Liechtenstein)

Den här symbolen visar att produkten enligt WEEE-direktivet (2012/19/EU) och nationell lagstiftning inte
får sorteras och slängas som hushållsavfall. Den här produkten ska lämnas in på en därför avsedd
insamplingsplats, t.ex. på en återvinningsstation auktoriserad att hantera elektrisk och elektronisk
utrustning (EE-utrustning) eller hos handlare som är auktoriserade att byta in varor då nya, motsvarande
köps (en mot en). Olämplig hantering av avfall av den här typen kan ha en negativ inverkan på miljön och människors hälsa på grund av de potentiellt farliga ämnen som kan återfinnas i elektrisk och elektronisk utrustning. Din medverkan till en korrekt avfallshantering av den här produkten bidrar dessutom till en effektiv användning av naturresurserna. Kontakta ditt lokala kommunkontor, berörd myndighet, företag för avfallshantering eller ta del av en godkänd WEEE-organisation om du vill ha mer information om var du kan lämna den kasserade produkten för återvinning. För mer information om inlämning och återvinning av WEEE-produkter, se www.canon-europe.com/weee.

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 domácností. 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 efektivněmu využití přírodních zdrojů. Další informace o místech sběru vašeho odpadního zařízení současně na www.canon-europe.com/weee.

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

Tylko dla krajów Unii Europejskiej oraz EOG (Norwegia, Islandia i Liechtenstein)

Ten symbol oznacza, że zgodnie z dyrektywą WEEE dotyczącą zużytego sprzętu elektrycznego i elektronicznego (2012/19/UE) oraz przepisami lokalnymi nie należy wyrzucać tego produktu razem z odpadami gospodarstwa domowego. Produkt należy przekazać do wyznaczonego punktu gromadzenia odpadów, np. firme, od której kupowany jest nowy, podobny produkt lub do autoryzowanego punktu gromadzenia zużytego sprzętu elektrycznego i elektronicznego w celu poddania go recyklingowi. Usuwanie tego typu odpadów w nieodpowiedni sposób może mieć negatywny wpływ na otoczenie i zdrowie innych osób ze względu na niebezpieczne substancje stosowane w takim sprzęcie. Jednocześnie pozbicie się zużytego sprzętu w zalecany sposób przyczynia się do właściwego wykorzystania zasobów naturalnych. Aby uzyskać więcej informacji na temat punktów, do których można dostarczyć sprzęt do recyklingu, prosimy skontaktować się z lokalnym urzędem miasta, zakładem utylizacji odpadów, skorzystać z instrukcji zatwierdzonej dyrektywą WEEE lub skontaktować się z przedsiębiorstwem zajmującym się wywozem odpadów domowych. Więcej informacji o zwracaniu i recyklingu zużytego sprzętu elektrycznego i elektronicznego znajduje się w witrynie www.canon-europe.com/weee.

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 vietā, piemēram, apstiprinātā veikalā, kur iegādājaties līdzīgu jaunu produktu un atstājat veco, vai apstiprinātā vietā izlietotu elektrisko un elektronisko iekārtu pārstrādei. Nepareiza šāda veida atkritumu apsaimniekošanā var apdraudēt vidi un cilvēka veselību tādu iespējami bīstamu vielu dēļ, kas parasti ir elektriskajās un elektroniskajās iekārtās. Turklāt jūsu atbalsts pareizā šāda veida atkritumu apsaimniekošanā sekmēs efektīvu dabas resursu izmantošu. Lai saņemtu pilnīgāku informāciju par vietām, kur izlietoto iekārtu var nodot pārstrādei, sazinieties ar vietējo pašvaldību, atkritumu savākšanas atbildīgo dienestu, pilnvarotu EEIA struktūru vai sadzīves atkritumu apsaimniekošanas iestādi. Lai saņemtu plašāku informāciju par elektrisko un elektronisko iekārtu nodošanu pārstrādei, apmeklējiet tīmekļa vietni www.canon-europe.com/weee.

Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteiniui)


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 odvreči v gospodinjske odpadke. Ta izdelek morate odložiti na ustrezen zbiralno mesto, na primer pri pooblaščenem prodajalcu, ko kupite podoben nov izdelek ali na zbiralno mesto za recikliranje električne in elektronske opreme. Neprimerno odstranjevanje izdelka hkrati prispeva tudi k učinkovitii porabi naravnih virov. Če želite več informacij o tem, kje lahko odložite odpadno opremo, 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/ЕC) и Вашето национално законодателство. Този продукт трябва да бъде предаден в предназначени пунктове 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 третиране на този вид отпадъци може да доведе до евентуални отрицателни последствия за околната среда и човешкото здраве поради потенциално опасните вещества, които обикновено са свързани с ЕЕО. В същото време Вашето съдействие за правилното изхвърляне на този продукт ще допринесе за ефективното използване на природните ресурси. 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 излязло от употреба ЕЕО или от Вашата местна служба за битови отпадъци. За повече информация относно връщането и рециклирането на продукти от излязло от употреба ЕЕО посетете www.canon-europe.com/weee.

Doar pentru Uniunea Europeană şi EEA (Norvegia, Islanda şi 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 achiziţionați un produs nou similar, sau la un punct de colectare autorizat pentru reciclarea deşeurilor provenite de la echipamentele electrice şi electronice (EEE). Mânuierea necorespunzătoare a acestor tipuri de deşuri 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. Nеприсно 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 efektnoj 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

Handling Precautions

- Canceling Print Jobs
- Legal Restrictions on Scanning/Copying
- Printer Handling Precautions
- 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
Printer Handling Precautions

Do not place any object on the document cover!

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

When relocating the printer, 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 FINE cartridge 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".

![Warning sign](image)

1. Turn the printer off.

2. Confirm that the ON lamp is off and **unplugging the power cord**.

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

3. Retract the paper output tray and the output tray extension.

4. Close the operation panel, paper support, and the rear tray cover.

5. If the cassette is extended, contract it.

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

7. 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.

8. 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 the HOME screen and select Settings > 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 paintstick, 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 Printer, make sure 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
- LCD and Operation Panel
Main Components

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

(1) operation panel
   Use to change the settings of the printer or to operate it.
   ➔ Operation Panel

(2) document cover
   Open to load an original on the platen glass.

(3) feed slot cover
   Prevents anything from falling into the feed slot.
   Open it to slide the paper guides, and close it before printing.

(4) paper support
   Extend to load paper in the rear tray.

(5) rear tray cover
   Open to load paper in the rear tray.

(6) 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

(7) paper guides
   Align with both sides of the paper stack.

(8) cassette
   Load A4, B5, A5, or Letter-sized plain paper into the cassette, and insert it into the printer.
(9) paper guides
  Align with right/left/front sides of the paper stack.

(10) cassette cover
  Detach to load paper in the cassette.

(11) paper output tray
  Printed paper is ejected. Pull out it before printing.

(12) paper output support
  Extend to support ejected paper.

(13) output tray extension
  Open to support ejected paper.

(14) platen glass
  Load an original here.
Rear View

(1) rear cover
   Detach when removing jammed paper.

(2) transport unit cover
   Open when removing jammed paper.

(3) power cord connector
   Plug in the supplied power cord.

(4) USB port
   Plug in the USB cable to connect the printer with a computer.

Important

- Do not touch the metal casing.
- Do not plug in or unplug the USB cable while the printer is printing or scanning originals with the computer.
Inside View

(1) scanning unit / cover
Scans originals. Also, lift and open it to replace an FINE cartridge or to remove jammed paper inside the printer.

(2) FINE cartridge (ink cartridges)
A replaceable cartridge that integrates print head and ink tank.

(3) ink cartridge locking cover
Lock the FINE cartridge into place.

(4) FINE cartridge holder
Install the FINE cartridge.

The color FINE cartridge should be installed into the left slot and the black FINE cartridge should be installed into the right slot.

Note
• For details on replacing an FINE cartridge, see Replacing a FINE Cartridge.
Operation Panel

(1) 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.

(2) HOME button
   Used to display the HOME screen.
   ➔ LCD and Operation Panel

(3) LCD
   Displays messages, menu items, and the operational status.

(4) Black button
   Starts black & white copying, scanning, etc.

(5) Stop button
   Cancels operation when print, copy, or scan job is in progress.

(6) Color button
   Starts color copying, scanning, etc.

(7) OK button
   Finalizes the selection of a menu or setting item. This button is also used to resolve an error.

(8) ▲, ▼, ◀, and ► buttons
   Used to select a menu or setting item.
   ➔ LCD and Operation Panel

(9) Back button
   Returns the LCD to the previous screen.
Power Supply

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

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

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

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
</table>
| • It may take a while for the printer to start printing immediately after you turn on the printer.  
• The LCD will turn off if the printer is not operated for about 10 minutes. To restore the display, press any button except the **ON** button or perform the print operation. You cannot change the wait time before the LCD turns off. |
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.

Note

• It may take a while for the printer to start printing immediately after you turn on the printer.
• If an error message is displayed on the LCD, see 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 Mac OS:
      ➤ 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

- 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 Mac OS:
    
    ➔ 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, [Unplugging the Printer](#) 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.
LCD and Operation Panel

You can select the function such as copy or scan from the HOME screen on the LCD.

Select a menu on the HOME screen, then select an item or option on the menu screen or settings screen.

**Operations on the Home Screen**

Use the ▲, ▼, ◀, or ► button (A) to select a menu, an item, or an option, then press the OK button (B) to finalize the selection or to proceed with the procedure.

To return to the previous screen, press the Back button (C).

**Operations on the Home Screen**

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

D. Basic menu

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

E. Network status

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.

- Wireless LAN is enabled and the printer is connected to the wireless router.

**Note**

- Depending on the signal state, the icon will change.
(Signal strength: 81 % or more): You can use the printer over a wireless LAN 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.

Wireless LAN is enabled but the printer is not connected to the wireless router.

Wireless Direct is enabled.

Wireless LAN is disabled.

F. Setup

Displays the printer’s setting menus or the maintenance menus.

G. Quick guide

Displays the guides on how to load paper or how to replace the FINE cartridge, or the troubleshooting.
Changing Settings

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

- Changing the Print Options
- Registering a Frequently Used Printing Profile
- Setting the FINE Cartridge 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.

Note

When you use the XPS printer driver, the functions available to you are different.

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...

   ![Image of printer driver setup window]

   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 FINE Cartridge to be Used

This feature enables you to specify the most appropriate FINE cartridge among installed cartridges 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 FINE cartridge to be used from Print With

   Select the FINE cartridge to be used for printing and click OK.
   When you perform printing, the specified FINE cartridge will be used.

**Important**

- When the following settings are specified, Black Only does not function because the printer uses the color FINE cartridge 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 FINE cartridge that is not in use. Printing cannot be performed while either FINE cartridge 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:

   **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.

   **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
- Device user settings
- PictBridge print settings
- Language selection
- Firmware update
- Feed settings
- Reset setting
- Web service setup
- System information
- ECO settings
- Quiet setting
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. Make sure printer is turned on.

2. Select Setup on the HOME screen.
   ➜ LCD and Operation Panel

3. Select Settings.

4. Select Device settings.
   
   The Device settings screen is displayed.

5. Select a setting item to adjust.

   The setting screen for the selected item is displayed.

6. Select a setting item.

   Prent paper abrasion
   Extended copy amount
   Auto photo fix setting
   Adjust horizontal print position

7. 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
- Device user settings
- Web service setup
- Language selection
- ECO settings
- Quiet setting

Items for Paper/Printing
- Print settings
- Feed settings
- PictBridge print settings

Items for Maintenance/Management
- System information
- Firmware update
- LAN settings
- Reset setting
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.

• 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 (Wireless LAN) compliant device.

* When Default is selected for the print setting on the PictBridge (Wireless LAN) compliant device, select Auto photo fix for Photo fix in PictBridge print settings.

• Adjust horizontal print position

Adjusts the print position when the left/right margins are not aligned.

When the paper width is less than 8.04 inches/204 mm, you can adjust the left/right margins in increments of 0.01 inch/0.1 mm between -0.08 inch/-2 mm and +0.08 inch/+2 mm centered on the horizontal center of the paper.
LAN settings

- Wireless LAN
- Wireless Direct
- Common settings

Wireless LAN

- WLAN active/inactive
  Enables/disables wireless LAN.

- Wireless LAN setup
  Selects the setup method for wireless LAN 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 wireless LAN manually using the operation panel of the printer.

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

  ◦ Other setup
    ■ Advanced setup
      Select when you perform settings for wireless LAN manually. You can specify multiple WEP keys.
    ■ WPS (PIN code method)
      Select when you perform settings for wireless LAN using a wireless router supporting a Wi-Fi Protected Setup (WPS) PIN code method. Follow the on-screen instructions during setup.

- WLAN setting list
  The list of wireless LAN settings of this printer is displayed on the LCD.
  Select Print details and then Yes to print the list.

- 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>
</table>
| SSID                          | XXXXXXXXXXXXXXXXXXXXX  
|                               | XXXXXXXXXXXXXXXXXXXXX (up to 32 characters)                           |
| Wireless LAN 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 address                  | XXXX: XXXX: XXXX: XXXX:  
|                               | XXXX: XXXX: XXXX: XXXX (32 characters)                                 |
| MAC address of wireless LAN   | XX:XX:XX:XX:XX:XX (12 characters)                                      |
| Printer name                  | XXXXXXXXXXXXXXXXXXXXX (up to 15 characters)                           |
| Bonjour service name          | XXXXXXXXXXXXXXXX  
|                               | XXXXXXXXXXXXXXXX  
|                               | XXXXXXXXXXXXXXXX (up to 52 characters)                                |
| Root cert. thumbprint (SHA-1) | XXXXXXXX XXXXXXXX XXXXXXXX  
|                               | XXXXXXXX XXXXXXXX                                                   |
| Root cert. thumbprint (SHA-256)| XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX  
|                               | XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX                                 |

("XX" represents alphanumeric characters.)

**Wireless Direct**

- **Wireless Direct active/inactive**
  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.
• **Wireless Direct setting list**

The list of Wireless Direct settings of this printer is displayed on the LCD.

Select **Print details** and then **Yes** to print the list.

---

**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>SSID</td>
<td>DIRECT-XXXX-TS5100series</td>
</tr>
<tr>
<td>Password</td>
<td>XXXXXXXXXX (10 characters)</td>
</tr>
<tr>
<td>Wireless LAN security</td>
<td>WPA2-PSK(AES)</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 of wireless LAN</td>
<td>XX:XX:XX:XX:XX:XX:XX (12 characters)</td>
</tr>
<tr>
<td>Printer name</td>
<td>XXXXXXXXXXXXXXXXXXX (up to 15 characters)</td>
</tr>
<tr>
<td>Bonjour service name</td>
<td>XXXXXXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXXXXXX (up to 52 characters)</td>
</tr>
<tr>
<td>Wireless Direct device name</td>
<td>DIRECT-XXXX-TS5100series</td>
</tr>
<tr>
<td>No. of devices connected now</td>
<td>XX/XX</td>
</tr>
<tr>
<td>Root cert. thumbprint (SHA-1)</td>
<td>XXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td>Root cert. thumbprint (SHA-256)</td>
<td>XXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXXXXXXXXXXXXX</td>
</tr>
</tbody>
</table>

(“XX” represents alphanumeric characters.)

**Common settings**

• 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 8.1, Windows 8, Windows 7, and Windows Vista).

- **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 8.1, Windows 8, Windows 7, and Windows Vista.

- **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, press the **Color** button.

  **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 Mac OS.

- **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 **Active** allows the printer to detect printer's IP address from the printer name without a DNS server.

- **PictBridge communication**
  Setting items for printing from a PictBridge (Wireless LAN) compliant device.
  - **Enable/disable communication**
    Selecting **Enable** allows you to print from a PictBridge (Wireless LAN) compliant device.
  - **Timeout setting**
    Specifies the timeout length.

- **IPsec settings**
  Selecting **Active** allows you to specify the IPsec security.
Device user settings

• Key repeat
   Enables/Disables continuous input by pressing and holding down the ▲, ▼, ◀, or ► button when setting the number of copies, changing the photo displayed on the LCD, setting the zoom ratio, etc.

• Device info sending settings
   Selects whether you will send the printer usage information to Canon server. The information sent to Canon will be utilized to develop better products. Select Agree to send the printer usage information to Canon server.

• 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 enter this setting menu by selecting ECO settings and Energy saving settings on the HOME screen.

   ➤ 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 glass 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.

• Bluetooth settings
   Setting items for connecting with Bluetooth compatible device.
   ◦ Enable/disable Bluetooth
      Enables/disables the Bluetooth function of the printer.
   ◦ List/delete paired devices
      Displays the list of paired Bluetooth compatible devices. To delete the paired Bluetooth compatible device, select a Bluetooth compatible device from the list.
   ◦ Check/change PIN code
      Allows you to check the PIN code and change it.
**Important**

- When you change the PIN code, pairing with all Bluetooth compatible devices is canceled.

- **Set Bluetooth device name**
  
  Specifies the printer name for Bluetooth connection.

**Note**

- If the printer cannot be paired to the Bluetooth compatible device after you changed some settings in **Bluetooth settings** see below.
  
  ➤ Cannot Find Printer from Smartphone/Tablet while Using Bluetooth
Language selection

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

**Note**

- Only **Check current version** is available when **Inactive** is selected for **WLAN active/inactive** of **Wireless 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.

  **Important**

  - When you use this function, make sure the printer is connected to the Internet.

**Note**

- If the firmware update is not complete, check the following and take an appropriate action.
  - Check the network settings such as a wireless router.
  - If **Cannot connect to the server**. is displayed on the LCD, select **OK** and try again after a while.

- **Check current version**

  You can check the current firmware version.

- **Update notification setting**

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

- **DNS server setup**

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

- **Proxy server setup**

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

- **Register paper information**
  Registers the paper size and the media type you load on the rear tray and in the cassette.

  ➡️ **Note**

  - Plain paper can only be loaded in the cassette.
  - For more on the proper combination of paper settings you can specify by the printer driver (Windows) or on the LCD:
    ➡️ **Paper Settings on the Printer Driver and the Printer (Media Type)**
    ➡️ **Paper Settings on the Printer Driver and the Printer (Paper Size)**

- **Detect paper setting mismatch**
  If you select Yes, the printer detects whether the paper size and the media type are identical with those registered in Register paper information. If printing starts with the settings that do not match, an error message is displayed on the touch screen.

  ➡️ **Note**

  - When No is selected, Register paper information is disabled.
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.

- **Device info sending settings only**
  Sets only the device information sending settings 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 LCD
  - The current position of the print head
  - CSR (Certificate Signing Request) for encryption method (SSL/TLS) setting
Web service setup

Select this setting item from [Web service setup on Settings].

• 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 LCD to perform settings.

• Proxy server setup
  Performs settings for a proxy server. Follow the display on the LCD to perform settings.
System information

To display this menu, select  

• **Current version**  
  Displays the current firmware version.

• **Printer name**  
  Displays the printer name currently specified.

• **Serial number**  
  Displays the printer serial number.

• **MAC address of wireless LAN**  
  Displays the MAC address for wireless LAN.
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 Duplex Printing
- Using Power Saving Function

Using Duplex Printing

Follow the procedure below to use duplex printing.

1. Make sure printer is turned on.

2. Select Setup on the HOME screen.

3. Select Settings.

4. Select ECO.

5. Select Two-sided printing setting.

6. Specify settings as necessary.

   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 setting screen.
Using Power Saving Function

Follow the procedure below to use power saving function.

1. Make sure printer is turned on.

2. Select **Setup** on the HOME screen.

3. Select **Settings**.

4. Select **ECO**.

5. Select **Energy saving settings**.

6. Check on-screen instructions and select **Next**.

7. Specify settings as necessary.

   - **A.** Specify the length of time to turn the printer off automatically when no operation is made or no printing data is sent to the printer.
   - **B.** Selecting **ON** enables the printer to turn on automatically when a scanning command from a computer or printing data is sent to the printer.
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. Make sure printer is turned on.

2. Select Setup on the HOME screen.
   ⇒ LCD and Operation Panel

3. Select Settings.

4. Select Quiet setting.

5. 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).
## Specifications

### General Specifications

<table>
<thead>
<tr>
<th><strong>Printing resolution (dpi)</strong></th>
<th>4800* (horizontal) x 1200 (vertical)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>* Ink droplets can be placed with a pitch of 1/4800 inch at minimum.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Interface</strong></th>
<th><strong>USB Port:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hi-Speed USB *1</td>
</tr>
</tbody>
</table>

| **LAN Port:**               | Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b *2 |

*1 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.

*2 Setup possible through Standard setup, WPS (Wi-Fi Protected Setup), WCN (Windows Connect Now) or Easy wireless connect.

USB and LAN can be used at the same time.

<table>
<thead>
<tr>
<th><strong>Print width</strong></th>
<th>8 inches/203.2 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(for Borderless Printing: 8.5 inches/216 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Printable area</strong></th>
<th><strong>Borderless printing:</strong> Top/Bottom/Left/Right margin: 0.0 inch (0.0 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Standard printing:</strong></td>
</tr>
<tr>
<td></td>
<td>- Top margin:</td>
</tr>
<tr>
<td></td>
<td>• Square size: 0.24 inches (6.0 mm)</td>
</tr>
<tr>
<td></td>
<td>• Other sizes: 0.12 inches (3.0 mm)</td>
</tr>
<tr>
<td></td>
<td>- Bottom margin:</td>
</tr>
<tr>
<td></td>
<td>• Square size: 0.24 inches (6.0 mm)</td>
</tr>
<tr>
<td></td>
<td>• Other sizes: 0.20 inches (5.0 mm)</td>
</tr>
<tr>
<td></td>
<td>- Left margin:</td>
</tr>
<tr>
<td></td>
<td>• Letter/Legal: 0.26 inches (6.4 mm)</td>
</tr>
<tr>
<td></td>
<td>• Square size: 0.24 inches (6.0 mm)</td>
</tr>
<tr>
<td></td>
<td>• Other sizes: 0.14 inches (3.4 mm)</td>
</tr>
<tr>
<td></td>
<td>- Right margin:</td>
</tr>
<tr>
<td></td>
<td>• Letter/Legal: 0.25 inches (6.3 mm)</td>
</tr>
<tr>
<td></td>
<td>• Square size: 0.24 inches (6.0 mm)</td>
</tr>
<tr>
<td></td>
<td>• Other sizes: 0.14 inches (3.4 mm)</td>
</tr>
</tbody>
</table>

* For printable area of envelope, see below.

- **Envelopes**

<table>
<thead>
<tr>
<th><strong>Auto duplex printing:</strong></th>
<th>- Top margin: 0.20 inches (5.0 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Bottom margin: 0.20 inches (5.0 mm)</td>
</tr>
<tr>
<td></td>
<td>- Left margin:</td>
</tr>
<tr>
<td>Operating environment</td>
<td>Operating environment</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td><strong>Temperature:</strong> 41 to 95 °F (5 to 35 °C)</td>
<td><strong>Temperature:</strong> 41 to 95 °F (5 to 35 °C)</td>
</tr>
<tr>
<td><strong>Humidity:</strong> 10 to 90 % RH (no condensation)</td>
<td><strong>Humidity:</strong> 10 to 90 % RH (no condensation)</td>
</tr>
<tr>
<td>* The performance of the printer may be reduced under certain temperature and humidity conditions.</td>
<td>* The performance of the printer may be reduced under certain temperature and humidity conditions.</td>
</tr>
<tr>
<td><strong>Recommended conditions:</strong></td>
<td><strong>Recommended conditions:</strong></td>
</tr>
<tr>
<td><strong>Temperature:</strong> 59 to 86 °F (15 to 30 °C)</td>
<td><strong>Temperature:</strong> 59 to 86 °F (15 to 30 °C)</td>
</tr>
<tr>
<td><strong>Humidity:</strong> 10 to 80 % RH (no condensation)</td>
<td><strong>Humidity:</strong> 10 to 80 % RH (no condensation)</td>
</tr>
<tr>
<td>* For the temperature and humidity conditions of papers such as photo paper, refer to the paper’s packaging or the supplied instructions.</td>
<td>* For the temperature and humidity conditions of papers such as photo paper, refer to the paper’s packaging or the supplied instructions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Storage environment</th>
<th>Storage environment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature:</strong> 32 to 104 °F (0 to 40 °C)</td>
<td><strong>Temperature:</strong> 32 to 104 °F (0 to 40 °C)</td>
</tr>
<tr>
<td><strong>Humidity:</strong> 5 to 95 % RH (no condensation)</td>
<td><strong>Humidity:</strong> 5 to 95 % RH (no condensation)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power supply</th>
<th>Power supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 100-240 V, 50/60 Hz</td>
<td>AC 100-240 V, 50/60 Hz</td>
</tr>
<tr>
<td><em>(The supplied power cord is only for the country or region you purchased.)</em></td>
<td><em>(The supplied power cord is only for the country or region you purchased.)</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power consumption</th>
<th>Power consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printing (Copy):</strong> Approx. 14 W</td>
<td><strong>Printing (Copy):</strong> Approx. 14 W</td>
</tr>
<tr>
<td><strong>Standby (minimum):</strong> Approx. 0.7 W <strong>1</strong></td>
<td><strong>Standby (minimum):</strong> Approx. 0.7 W <strong>1</strong></td>
</tr>
<tr>
<td><strong>OFF:</strong> Approx. 0.2 W <strong>1</strong></td>
<td><strong>OFF:</strong> Approx. 0.2 W <strong>1</strong></td>
</tr>
<tr>
<td><strong>1</strong> USB connection to PC</td>
<td><strong>1</strong> USB connection to PC</td>
</tr>
<tr>
<td>*2 The wait time for standby cannot be changed.</td>
<td>*2 The wait time for standby cannot be changed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External dimensions</th>
<th>External dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. 16.8 (W) x 12.5 (D) x 5.8 (H) inches</td>
<td>Approx. 16.8 (W) x 12.5 (D) x 5.8 (H) inches</td>
</tr>
<tr>
<td>Approx. 425 (W) x 315 (D) x 147 (H) mm</td>
<td>Approx. 425 (W) x 315 (D) x 147 (H) mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. 14.3 lb (Approx. 6.5 kg)</td>
<td>Approx. 14.3 lb (Approx. 6.5 kg)</td>
</tr>
<tr>
<td>* With the FINE Cartridges installed.</td>
<td>* With the FINE Cartridges installed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Canon FINE Cartridge</th>
<th>Canon FINE Cartridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total 1792 nozzles (BK 640 nozzles, C/M/Y each 384 nozzles)</td>
<td>Total 1792 nozzles (BK 640 nozzles, C/M/Y each 384 nozzles)</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>Scanning resolution</td>
<td>Optical resolution (horizontal x vertical) max: 1200 x 2400 dpi *1</td>
</tr>
<tr>
<td></td>
<td>Interpolated resolution max: 19200 x 19200 dpi *2</td>
</tr>
<tr>
<td></td>
<td>*1 Optical Resolution represents the maximum sampling rate based on ISO 14473.</td>
</tr>
<tr>
<td></td>
<td>*2 Increasing the scanning resolution will limit the maximum possible scanning area.</td>
</tr>
<tr>
<td>Gradation (Input / Output)</td>
<td>Gray: 16 bit/8 bit</td>
</tr>
<tr>
<td></td>
<td>Color: 48 bit/24 bit (RGB each 16 bit/8 bit)</td>
</tr>
</tbody>
</table>

Network Specifications

<table>
<thead>
<tr>
<th>Communication protocol</th>
<th>TCP/IP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless LAN</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></td>
<td>WCN (WCN-NET)</td>
</tr>
<tr>
<td></td>
<td>Easy wireless connect</td>
</tr>
<tr>
<td></td>
<td>Other Features: Administration password</td>
</tr>
</tbody>
</table>

Minimum System Requirements

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

Windows

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Windows 10, Windows 8.1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Windows 7 SP1</td>
</tr>
</tbody>
</table>
Note: Operation can only be guaranteed on a PC with pre-installed Windows 7 or later.
.NET Framework 4.5.2 or 4.6 is required.

<table>
<thead>
<tr>
<th>Hard Disk Space</th>
<th>3 GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: For bundled software installation.</td>
<td></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>

### Mac OS

<table>
<thead>
<tr>
<th>Operating System</th>
<th>OS X v10.10.5 - OS X v10.11, macOS Sierra v10.12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Disk Space</td>
<td>1.5 GB</td>
</tr>
<tr>
<td>Note: For bundled software installation.</td>
<td></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

- Internet connection or CD-ROM drive is required to install the software for Windows.
- Internet connection is required to use Easy-WebPrint EX 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.
- In an in-house network environment, the 5222 port must be open. Contact the network administrator for details.

Information in this guide is subject to change without notice.
Information about Paper

- Supported Media Types
  - Paper Load Limit
- Unsupported Media Types
- Handling Paper
- Print Area
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>
- Photo Paper Plus Glossy II <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

*1 Printing to this paper from the operation panel or from a PictBridge (Wireless LAN) compliant device is not supported.

➡️ Paper Load Limit
➡️ Paper Settings on the Printer Driver and the Printer (Media Type) (Windows)

Note

- When printing photos saved on a PictBridge (Wireless LAN) 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
- A4
- B5
- A5
- L(89x127mm)
- KG/4"x6"(10x15)
- 2L/5"x7"(13x18)
- Square 5"x5" 127x127mm
- Hagaki
- Hagaki 2
- Card 2.17"x3.58" 55x91mm
- 8"x10"(20x25cm)
- Envelope Com 10
- Envelope DL
- Nagagata 3
- Nagagata 4
- Yougata 4
- Yougata 6

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</td>
<td>N/A</td>
<td>Approx. 50 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, and 8&quot; x 10&quot; (20 x 25 cm): 10 sheets 4&quot; x 6&quot; (10 x 15 cm): 20 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Glossy Photo Paper &quot;Everyday Use&quot; &lt;GP-501&gt;*2</td>
<td>A4, Letter: 10 sheets 4&quot; x 6&quot; (10 x 15 cm): 20 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Photo Paper Glossy &lt;GP-701&gt;*2</td>
<td>A4, Letter: 10 sheets 4&quot; x 6&quot; (10 x 15 cm): 20 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Photo Paper Plus Glossy II &lt;PP-201&gt;*2</td>
<td>A4, Letter, 5&quot; x 7&quot; (13 x 18 cm), 8&quot; x 10&quot; (20 x 25 cm): 10 sheets 4&quot; x 6&quot; (10 x 15 cm), Square 5&quot; x 5&quot; (127 x 127 mm): 20 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Photo Paper Plus Glossy II &lt;PP-301&gt;*2</td>
<td>A4, Letter, 5&quot; x 7&quot; (13 x 18 cm), 8&quot; x 10&quot; (20 x 25 cm): 10 sheets 4&quot; x 6&quot; (10 x 15 cm), Square 5&quot; x 5&quot; (127 x 127 mm): 20 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Photo Paper Pro Luster &lt;LU-101&gt;*2</td>
<td>A4, Letter: 10 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Photo Paper Plus Semi-gloss &lt;SG-201&gt;*2</td>
<td>A4, Letter, 5&quot; x 7&quot; (13 x 18 cm), 8&quot; x 10&quot; (20 x 25 cm): 10 sheets 4&quot; x 6&quot; (10 x 15 cm): 20 sheets</td>
<td>*3</td>
</tr>
<tr>
<td>Matte Photo Paper &lt;MP-101&gt;</td>
<td>A4, Letter: 10 sheets 4&quot; x 6&quot; (10 x 15 cm): 20 sheets</td>
<td>*3</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 (10 sheets: Legal)</td>
<td>Approx. 100 sheets</td>
<td>Approx. 50 sheets (10 sheets: Legal)</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>1 sheet : A4</td>
<td>N/A</td>
<td>*3</td>
</tr>
<tr>
<td>Greeting Card</td>
<td>1 sheet : Letter</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 (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 power is 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.

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.

![Image](image.png)

**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.
Paper Settings on the Printer Driver and the Printer (Media Type)

When you use this printer, selecting a media type and paper size that matches the print purpose will help you achieve the best print results.

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>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>
</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>A5</td>
<td>A5</td>
</tr>
<tr>
<td>A4</td>
<td>A4</td>
</tr>
<tr>
<td>B5</td>
<td>B5</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>8”x10” 20x25cm</td>
<td>8”x10”(20x25cm)</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 5”x5” 13x13cm</td>
<td>Square 5”</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”x8.07”</td>
<td>Nagagata 4</td>
</tr>
<tr>
<td>Yougata 4 4.13”x9.25”</td>
<td>Yougata 4</td>
</tr>
<tr>
<td>Yougata 6 3.86”x7.48”</td>
<td>Yougata 6</td>
</tr>
<tr>
<td>Card 2.17”x3.58” 55x91mm</td>
<td>Card 2.17”x3.58”</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.

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: ☑/Collate: ☑

   • Print from Last Page: ☐/Collate: ☑
• Print from Last Page: ☑/Collate: ☐

• 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 Setup](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...** (**Stamp...**) 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.
Scaled 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.

  ![Printer Driver Screen]

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

  ![Current Settings Preview]

  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.

![Tiling/Poster Printing dialog box](image)

**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.

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>• This feature may be unavailable when certain printer drivers or operating environments are used.</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>• You can also specify the print range by clicking the pages in the settings preview.</td>
</tr>
</tbody>
</table>

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.
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** 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**
• 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.

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.

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.

---

**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 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)**

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, 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.

<table>
<thead>
<tr>
<th>Important</th>
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<tbody>
<tr>
<td>• When you execute postcard printing, a guide message is displayed. When the guide message is displayed, select <strong>Do not show this message again</strong> if you do not want any guide messages to be displayed. To display guide messages again, open the <strong>Maintenance</strong> tab and click <strong>View Printer Status</strong> to start the Canon IJ Status Monitor. On the <strong>Option</strong> menu, choose <strong>Display Guide Message</strong> and click <strong>Hagaki Printing</strong> to enable the setting. • When printing on media other than postcards, load the media according to usage method of that media, and click <strong>Start Printing</strong>.</td>
</tr>
</tbody>
</table>
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.

Printer Driver Types

You can install the XPS printer driver in addition to the normal printer driver. The XPS printer driver is suited to printing from application software that supports XPS printing.

Important

• Note that if you want to use the XPS printer driver, the normal printer driver must also be installed.

Installing the Printer Driver

• To install the normal printer driver, install the driver from Start Setup Again on the setup CD-ROM that came with your printer.
• To install the XPS printer driver, load the setup CD-ROM that comes with the printer, and then select XPS Driver from Add Software.

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) to specify the regular printer driver or select "Canon XXX XPS" (where "XXX" is your model name) to specify the XPS printer driver.

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 -> Hardware and Sound -> Devices and Printers

2. Right-click the icon of your model. When the menu appears, select Printing preferences
   The printer driver's setup screen appears.

   **Important**
   - Opening the printer driver setup window through Printer properties displays such tabs regarding the Windows functions as the Ports (or Advanced) tab. Those tabs do not appear when opening through Printing preferences or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.
Canon IJ Status Monitor

The Canon IJ Status Monitor is an application software that shows the status of the printer and the progress of printing. You will know the status of the printer with graphics, icons, and messages.

Launching the Canon IJ Status Monitor

The Canon IJ Status Monitor launches automatically when print data is sent to the printer. When launched, the Canon IJ Status Monitor appears as a button on the task bar.

Click the button of the status monitor displayed on the task bar. The Canon IJ Status Monitor appears.

Note

- To open the Canon IJ Status Monitor when the printer is not printing, open the printer driver setup window and click 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 FINE cartridge 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.

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Note

- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.
Instructions for Use (Printer Driver)

This printer driver is subject to the following restrictions. Keep the following points in mind when using the printer driver.

Restrictions on the Printer Driver

- 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.
- Do not change the Advanced tab items of the printer properties. If you change any of the items, you will not be able to use the following functions correctly.
  
  Also, if Print to file is selected in the Print dialog box of the application software and with applications that prohibit EMF spooling, 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... (Stamp...) on the Page Setup tab
  ◦ Print a pattern for color adjustment on the Color Adjustment tab in the Manual Color Adjustment dialog box
- 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.

Note

- Disable ICM required from the application software cannot be used when the XPS printer driver is used.

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.

![Quick Setup tab](image)

**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.

Important

- To use the Canon IJ XPS Preview, you must have Microsoft .NET Framework 4.5.2 or later installed on your computer.

**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, Intensity, and 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 Color Balance Using Sample Patterns (Printer Driver)
Adjusting Brightness
Adjusting Intensity
Adjusting Contrast
Adjusting Intensity/Contrast Using Sample Patterns (Printer Driver)
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, Intensity, and Contrast, and so on are adjusted automatically.

Manual
Select when you set the individual settings such as Cyan, Magenta, Yellow, Brightness, Intensity, and 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, Intensity, and Contrast on the Color Adjustment tab, and select the Color Correction method on the Matching tab.

Note
• If you want to use an ICC profile to adjust colors, use the Manual Color Adjustment dialog box to set the profile.

Grayscale Printing
This function converts the data to monochrome data when printing your document.
Check this check box to print a color document in monochrome.

Preview before printing
Shows what the print result will look like before you actually print the data.
Check this check box to display a preview before printing.
Important

- To use the Canon IJ XPS Preview, you must have Microsoft .NET Framework 4.5.2 or later installed on your computer.

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, Intensity, 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**
Selects 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.

**Intensity**
Adjusts the overall intensity of your print.

Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity.

You can also directly enter a value linked to the slider. 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.

**Print a pattern for color adjustment**
When the color balance or intensity/contrast is changed, the pattern printing function prints a list of the adjustment results along with the adjustment values.

Select this function when printing a pattern for color adjustment.

**Pattern Print preferences...**
Check **Print a pattern for color adjustment** to enable this button.

The **Pattern Print dialog box** opens and allows you to set pattern printing settings.

**Pattern Print dialog box**
Performs the setup for printing of patterns that allow you to check the color balance and intensity/contrast of documents.

**Parameters to Adjust**
Select the item to be checked by pattern printing.

- **Cyan/Magenta/Yellow**
  Prints a pattern that allows you to check the cyan/magenta/yellow balance.

  **Important**
  - When **Grayscale Printing** is checked on the **Main** tab, **Cyan/Magenta/Yellow** appear grayed out and are unavailable.

- **Intensity/Contrast**
  Prints a pattern that allows you to check the intensity/contrast balance.

**Printer Paper Size**
Selects the paper size to be used for pattern printing.

This setting is linked to **Printer Paper Size** on the **Page Setup** tab.
Note

• Depending on the paper size selected on the Page Setup tab, there may be sizes that cannot be selected.

Amount of Pattern Instances

Sets the number of patterns to be printed. You can select from Largest, Large, and Small. When you select a pattern size, the number of patterns that can be printed is as follows:

Note

• Largest and Large cannot be selected when certain paper sizes or output paper sizes are selected.
• The setting preview on the Main tab displays an image that allows you to check the overall layout.

Largest
Cyan/Magenta/Yellow 37
Intensity/Contrast 49

Large
Cyan/Magenta/Yellow 19
Intensity/Contrast 25

Small
Cyan/Magenta/Yellow 7
Intensity/Contrast 9

Color Variation Between Instances

Sets the amount of color change between neighboring patterns. Select from Large, Medium, and Small. Large produces a large amount of change, and Small produces a small amount of change.

Note

• Large is about double the size of Medium, and Small is about half the size of Medium.

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 (ICC Profile Matching), 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 (ICC Profile Matching)

Adjusts the colors by using an ICC profile when printing.
**Important**

- If the application software is set so that ICM is disabled, ICM (ICC Profile Matching) 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.

**Note**

- In the XPS printer driver, ICM has become ICC Profile Matching.

**Related Topics**

- Setting the Print Quality Level (Custom)
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast
- Adjusting Color Balance Using Sample Patterns (Printer Driver)
- Adjusting Intensity/Contrast Using Sample Patterns (Printer Driver)
- 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 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... (Stamp...)
Opens the Stamp/Background (Stamp) dialog box. The Stamp function allows you to print a stamp text or a bitmap over or behind document data. It also allows you to print date, time and user name. The Background function allows you to print a light illustration behind the document data.

Note

• With the XPS printer driver, the Stamp/Background... button has become the Stamp... button and only the stamp function can be used.

Depending on the type of printer driver you are using and 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.

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.

**Note**

- Depending on the type of printer driver you are using and 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.
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 type of printer driver you are using and 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.

> **Note**

- **Disable ICM required from the application software** tab cannot be used with the XPS printer driver.

**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.
  However, if you are using the XPS printer driver, you will be able to change the paper feeding method from the Canon IJ XPS 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.

**Note**
- Do not allow application software to compress print data tab cannot be used with the XPS printer driver.

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.

Scale images using nearest-neighbor interpolation
When an image is to be enlarged or reduced when printed, the printer uses a simple interpolation process to enlarge or reduce the image.
If the image data in a printed document is not printed clearly, selecting this check box may improve the results.

**Important**
- Uncheck this check box under normal circumstances.

**Note**
- Scale images using nearest-neighbor interpolation can be used only with the XPS printer driver.

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.

Note

• Unit of Print Data Processing tab cannot be used with the XPS printer driver.

Print With

Specify the FINE cartridge to be used from the installed FINE cartridges. Select from All Colors (Default), Color Only, Black Only.

Important

• When the following settings are specified, Black Only does not function because the printer uses the color FINE cartridge 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 FINE cartridge that is not in use. Printing cannot be performed while either FINE cartridge is detached.

Stamp/Background (Stamp...) dialog box

The Stamp/Background (Stamp...) 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.

Note

• With the XPS printer driver, the Stamp/Background... button has become the Stamp... button and only the stamp function can be used.

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.
Print semitransparent stamp
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 semi-transparent stamp over the printed document page.
Uncheck this check box to print the stamp over the document data. The printed data may be hidden behind the stamp.

Note
• You can use Print semitransparent stamp only with the XPS printer driver.

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 type of printer driver you are using and 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 Print History
This function starts the Canon IJ XPS preview, and displays the print history.

Note
• You can use this function only with the XPS printer driver.

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.

Note
• If you are using the XPS printer driver, the "Canon IJ Status Monitor" becomes the "Canon IJ XPS Status Monitor".

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 FINE cartridge 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.
- 📩: There is a notice about something other than a warning or an error.
- 🚨: There has been an error which requires a service.
FINE cartridges
If a low ink warning or an empty ink cartridge error occurs, the status monitor displays an icon. The status monitor also uses images to display the estimated ink levels of the FINE cartridges. Move the cursor onto the image to check detailed information such as the remaining ink levels and the names of FINE cartridges that the printer can use. The colors are calibrated to match the color with the least amount of ink remaining, and then all colors are displayed at the same level.

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 FINE cartridge is also displayed as an illustration.

Ink Model Number
You can look up the correct FINE cartridge 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.

Envelop Printing
Displays guide messages when envelope printing starts. To hide these guide messages, select the Do not show this message again check box. To display the guide messages again, open the Option menu, select Display Guide Message, click Envelope Printing, and enable this setting.

Hagaki Printing
Displays guide messages before the printer begins hagaki printing. To hide these guide messages, select the Do not show this message again check box. To display the guide messages again, open the Option menu, select Display Guide Message, click Hagaki Printing, and enable this setting.
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 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 and XPS printer driver 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 install the XPS printer driver with the same procedure for installing the MP Drivers. However, when installing the XPS printer driver, first complete installation of the MP Drivers.
- You can download the MP Drivers and XPS printer driver 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 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. Enable Wireless Direct.
2. Connect devices to printer.
3. Perform printing or scanning operation.

**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**

Preparing for Wireless Direct

Change settings below to prepare for Wireless Direct.

- Printer’s LAN settings
  - **Enable Wireless Direct of Printer**
- Settings of a device to connect
  - **Connecting the Device to the Printer**

Enabling Wireless Direct of Printer

1. Make sure printer is turned on.
2. Select **Setup** on the HOME screen.
3. Select **Settings**.
4. Select **Device settings**.
5. Select **LAN settings**.
6. Select **Wireless Direct**.
7. Select **Wireless Direct active/inactive**.

8. Select **ON**.

The confirmation screen asking if you display the password information appears.

9. Select **Yes** or **No**.

The list of Wireless Direct settings is displayed.

The device detects the printer by the identifier (SSID).

#### Note

- You can check the following.
  - SSID
  - Security setting
  - Password
  - Printer's name which appears on a Wi-Fi Direct compatible device

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 LCD from your device.

- The identifier (SSID) and the security setting are specified automatically. To update them, see below.
  
  ➤ Changing Wireless Direct Setting

10. Select **OK**.

The Wireless Direct is enabled and a device can be connected to the printer wirelessly.

### Connecting the Device to the Printer

1. Turn on wireless communication on your device.

   Enable "Wi-Fi" on your device's "Setting" menu.

   For more on turning on wireless communication, see your device's instruction manual.

2. Select "DIRECT-XXXX-TS5100series" ("X" represents alphanumeric characters) from list displayed on device.

    ➤ **Note**

    - If "DIRECT-XXXX-TS5100series" does not appear on the list, Wireless Direct is not enabled.
      
      See [Enabling Wireless Direct of Printer](#) 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 LCD.
    
    ➤ **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 wireless LAN. 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 LCD 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 wireless LAN, 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. **Make sure printer is turned on.**

2. **Select Setup** on the HOME screen.

   ➤ **LCD and Operation Panel**

3. **Select Settings.**
4. Select **Device settings**.

5. Select **LAN settings**.

6. Select **Wireless Direct**.

7. Select a setting item.

   - To change the identifier (SSID) for Wireless Direct
     
     Select A to display the setting screen of the identifier (SSID).
     
     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).
     3. Select **Auto update** or **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**. To check the security setting and the updated identifier (SSID)/password, select **Details** and select **Yes** on the screen displayed next.

   - To change the password for Wireless Direct
     
     Select B to display the setting screen of the password.
     
     Follow the procedure below to change the password.
     
     1. Select the entry field.
     2. Enter the password (up to 10 characters).
     3. Select **Auto update** or **OK**.
     
        Selecting **OK** finishes specifying the password.
        
        Selecting **Auto update** displays the confirmation screen. To update the identifier (SSID) and the password, select **Yes**. To check the security setting and the updated identifier (SSID)/password, select **Details** and select **Yes** on the screen displayed next.
• To change the confirmation screen setting when a Wi-Fi Direct compatible device is connecting to the printer

Select C to display the confirmation screen. If you want the printer to display the screen to inform you a Wi-Fi direct compatible device is connecting to the printer, select Yes.

**Important**

- To prevent an unauthorized access, we recommend you should not change the setting from the default.

• To check the current Wireless Direct settings

Select D to display the confirmation screen. To check the current Wireless Direct settings, select Yes.

**Note**

- If you select Print details, you can print the network settings.

8. Press **HOME** button.

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 Using Operation Panel

- Printing Templates Such as Lined or Graph Paper
Printing Templates Such as Lined or Graph Paper

You can print a template form such as lined paper, graph paper, or checklist, etc. on A4, B5, or Letter-sized plain paper.

⇒ Printable template forms
⇒ Printing template forms

Printable template forms

The following templates are available:

• Notebook paper

You can select three line spacing formats.

Setting on the LCD:

◦ Notebook paper 1 (8 mm)
◦ Notebook paper 2 (7 mm)
◦ Notebook paper 3 (6 mm)

Note

• You cannot print Notebook paper on B5 sized paper.

• Graph paper

You can select two square sizes.

Setting on the LCD:

◦ Graph paper 1 (5 mm grid)
◦ Graph paper 2 (3 mm grid)

Note

• You cannot print Graph paper on B5 sized paper.

• Checklist

You can print a notepad with checkboxes.

Setting on the LCD:

Checklist
• **Staff paper**

You can print staff paper with 10 or 12 staves.

Setting on the LCD:
- Staff paper 1 (10 staves)
- Staff paper 2 (12 staves)

• **Handwriting paper**

You can print handwriting paper.

Setting on the LCD:
Handwriting paper (3 lines)

• **Weekly schedule**

You can print a weekly schedule form.

Setting on the LCD:
Weekly schedule (vertical)

• **Monthly schedule**

You can print a monthly schedule form.

Setting on the LCD:
Monthly schedule (calendar)

**Printing template forms**

Print template form following the procedure below.

1. **Make sure printer is turned on.**

2. **Load A4, B5, or Letter-sized plain paper.**

3. Select **Print** on the HOME screen.

⇒ **LCD and Operation Panel**
4. Select template you want to print.

   ➡️ Printable template forms

5. Specify settings as necessary.

   ![Printable template forms]

   - **Copies**
     Specify the number of copies.

   - **Page size**
     Select the page size depending on the loaded paper.

   ![Note]
   - Depending on the form, some setting of page size cannot be specified. If it is selected, an Error details are displayed on the LCD. In this case, select on the upper left on the LCD to check the message and change the setting.

   - **Type** (Media type)
     The paper type is set to **Plain paper**.

   - **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.

   - **2-sidedPrintSetting**
     Select two-sided printing or single-sided printing.


   Press the **Color** button for printing following forms.

   - **Notebook paper 1 (8 mm)**
   - **Notebook paper 2 (7 mm)**
   - **Notebook paper 3 (6 mm)**
   - **Graph paper 1 (5 mm grid)**
   - **Graph paper 2 (3 mm grid)**
   - **Handwriting paper (3 lines)**
Press the Black button for printing following forms.

- Checklist
- Staff paper 1 (10 staves)
- Staff paper 2 (12 staves)
- Weekly schedule (vertical)
- Monthly schedule (calendar)
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 and when you print using the printer driver.

  ➡️ 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.

<table>
<thead>
<tr>
<th>Register rear tray paper info</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select the paper loaded in the rear tray.</td>
</tr>
<tr>
<td>Page size</td>
</tr>
<tr>
<td>Type</td>
</tr>
</tbody>
</table>

  Register the paper size and the media type according to the loaded paper.
• When you insert the cassette:

The screen to register the cassette paper information is displayed.

<table>
<thead>
<tr>
<th>Register cassette paper info</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select the paper loaded in the</td>
</tr>
<tr>
<td>cassette.</td>
</tr>
</tbody>
</table>

Register the paper size and the media type according to 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 LCD:
  - Paper Settings on the Printer Driver and the Printer (Media Type)
  - Paper Settings on the Printer Driver and the Printer (Paper Size)

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

Ex:

• Paper setting for printing or copying: A5
• Paper information registered to the printer: A4
When you start printing or copying, a message is displayed.

Selecting **OK** on the LCD displays the paper setting specified for printing or copying under the message.

![Message](image)

Check the message and select **OK**. 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 on the paper loaded without changing the paper settings.
  - For example, when the paper setting for printing or copying is A5 and the paper information registered to the printer is A4, the printer starts printing or copying with A5 on the paper loaded.

**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 setting for printing or copying is A5 and the paper information registered to the printer is A4, you load A5 sized paper before you start printing or copying.

The paper information registration screen is displayed after replacing the paper and closing the feed slot cover or inserting the cassette. Register the paper information according to the paper that you loaded.

**Note**

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

**Cancel**

Cancels printing.

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

**Default Setting for Displaying the Message which Prevents Misprinting**

- **When you print using the operation panel of the printer:**
  
  The message which prevents misprinting is enabled by default.

  To change the display setting when you copy or print using the operation panel of the printer:
  
  ➤ Feed settings

- **When you print from Windows:**
  
  The message which prevents misprinting is disabled by default.

  To change the display setting:
  
  ➤ Changing the Printer Operation Mode

- **When you print from Mac OS:**
  
  The message which prevents misprinting is enabled by default.

  To change the display setting:
  
  ➤ Changing the Printer Operation Mode

**Important**

- When the message which prevents misprinting is disabled:
  
  The printer starts printing or copying even though the paper settings for printing or copying and the paper information registered to the printer are different.
Making Copies

This section describes the procedure to copy with Standard copy.

1. Make sure printer is turned on.

2. Load paper.

3. Select Copy on the HOME screen.

   The Copy standby screen is displayed.

5. Load original on platen glass.

6. Specify settings as necessary.

   A. Displays the screen to specify the number of copies.

   Use the ▲▼ buttons to specify the number of copies.
   If you keep pressing the ▲▼ buttons, the number scrolls by 10.

   B. Displays the print setting items.
For more on the setting items:

- **Setting Items for Copying**

C. Displays the preview screen to preview an image of the printout.

For details:

- **Displaying Preview Screen**

7. Press **Color** button for color copying, or **Black** button for black & white copying.

   The printer starts copying.

   Remove the original on the platen glass after copying is complete.

   **Important**

   - Do not open the document cover or remove the original from the platen glass until scanning is completed.

   **Note**

   - To cancel copying, press the **Stop** button.

**Adding Copying Job (Reserve copy)**

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 glass and press the same button (the Color button or the Black button) as the one which you previously pressed.

**Important**

- When you load the original on the platen glass, move the document cover gently.

**Note**

- When Print qty (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 press the Stop button 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 LCD. 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 LCD when scanning, select OK and press the Stop button 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 setting screen or the setting item for Photo copy, see Copying Photos.

How to display the print setting screen varies with the copy menu.

- In Standard copy:
  The following screen is displayed by selecting Settings on the Copy standby screen.

![Standard copy settings](image)

- In Borderless copy:
  The following screen is displayed before copying.

![Borderless copy settings](image)

Setting Items

Use the ▲▼ button to select a setting item and press the OK button to display the settings. Use the ▲▼ button to specify the setting and press the OK button to finalize selection.

Note

- Depending on the copy menu, some setting items cannot be selected. This section describes the setting items in 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, ! and Error details are
displayed on the LCD. In this case, select \( \Box \) on the upper left on the LCD 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 LCD. Change the setting, following the on-screen instructions.

You can specify the following setting items.

- **Copies**
  Specify the number of copies.

- **Magnif. (Magnification)**
  Specify the reduction/enlargement method.
  ➔ Reducing/Enlarging Copies

- **Intensity**
  Specify the intensity.
  When Auto is selected, the intensity is adjusted automatically according to the originals loaded on the platen glass.

- **Page size**
  Select the page size of the loaded paper.

- **Type (Media type)**
  Select the media type of the loaded paper.

- **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.

- **Print qty (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 qty and try copying again.
  - Select High for Print qty 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

• **2-sided Print Setting**

Select whether to perform two-sided copying.

  • Two-Sided Copying
Scanning

Scanning from Computer (Windows)

Scanning from Computer (AirPrint)

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

- 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
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.

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.
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.

**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

1. Make sure scanner or printer is turned on.

2. Place items on platen.
   - Positioning Originals (Scanning from Computer)

3. Start IJ Scan Utility.

4. Click **Auto**.

![IJ Scan Utility screenshot](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 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.

   ![Canon IJ Scan Utility]

   Scanning starts.

   ➢ Note
   • To cancel the scan, click Cancel.
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.

Note

• ScanGear starts in the last used mode.
• Settings are not retained when you switch modes.

Basic Mode

Use the Basic Mode tab to scan easily by following three simple on-screen steps (1, 2, and 3).
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](image) 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.

![Image of ScanGear software interface](image)

**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.

⇒ 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

Note

- The displayed items vary by 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:

![Thumbnail] / ![Whole Image]
Switches the view in the Preview area.

- **(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.

**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.

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 of the machine and also may experience errors while accessing the devices.
• Scanning may fail if the computer has resumed from sleep or standby mode. In that case, follow these steps and scan again.
  1. Turn off the machine.
  2. Exit ScanGear, then disconnect the USB cable from the computer and reconnect it.
  3. Turn on the machine.
• 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 for scanning. If items are not placed correctly they may not be scanned correctly.

**Important**

- Do not place objects on the document cover. When you open the document cover, the objects may fall into your scanner or printer, resulting in malfunction.
- Close the document cover when scanning.

### Placing Items

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" alt="Photos, Postcards, Business Cards, and BD/DVD/CD" /></td>
<td><img src="image2" alt="Magazines, Newspapers, and Documents" /></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.

**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.

**Important**

- For the portions in which items cannot be scanned, see Loading Originals.
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.

(A) 0.4 inch (1 cm) or more

Note

• Place up to 12 items.
• Positions of slanted items (10 degrees or less) are corrected automatically.
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 EX".

• 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 EX".

  - **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**.
Frequently Asked Questions

Network

- Cannot Find Printer on Network
- Cannot Find Printer while Using Wireless LAN
- Network Key Unknown
- Cannot Print or Connect

For other questions about network, click here.

Print

- Printing Does Not Start
- Paper Is Blank/Printing Is Blurry/Colors Are Wrong/White Streaks Appear
- Print Results Are Unsatisfactory
- List of Support Code for Error (Paper Jams)
- Cannot Print or Connect

Installation

- Cannot Install MP Drivers (Windows)

Error

- An Error Occurs
- Message (Support Code) Appears

Examples of Problems

Printer Does Not Work

- Power Does Not Come On
- Power Shuts Off By Itself
- LCD Is Off
- USB Connection Problems
- Cannot Communicate with Printer via USB
- Printing Does Not Start
- Copying/Printing Stops
- Cannot Print Using AirPrint
- Printing Is Slow
- No Ink Comes Out
- List of Support Code for Error (Paper Jams)
- Paper Does Not Feed Properly/"No Paper" Error
- Automatic Duplex Printing Problems
- Print Results Are Unsatisfactory
- Scanning Problems (Windows)
- Scanning Problems (Mac OS)
Scan Results Are Unsatisfactory (Windows)
Scan Results Are Unsatisfactory (Mac OS)
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 Wireless LAN
- Printer Suddenly Cannot Be Used
- Network Key Unknown
- Administrator Password Set for Printer Unknown
- Printer Cannot Be Used After Replacing Wireless Router or Changing Its Settings

Message Appears on Computer During Setup
- Checking Network Information
- Restoring to Factory Defaults

Cannot Set Correctly (Installation)
- Cannot Install MP Drivers (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 (Wireless LAN) Compliant Device
- List of Support Code for Error
- IJ Scan Utility Error Messages (Windows)
- IJ Scan Utility Lite Error Messages (Mac OS)
- 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 (Mac OS)
- 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 Wireless LAN
➤ Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)
➤ Cannot Proceed beyond Printer Connection Screen
➤ Cannot Find Printer after Searching it on Printer Detection Screen During Setup
➤ Searching Printer by IP Address or Host Name During Setup
➤ Error Occurs During Wireless LAN Setup
➤ Another Printer Found with Same Name
➤ Changing Wireless LAN Connection Method

Cannot Print or Connect

➤ Printer Suddenly Cannot Be Used
➤ Printer Cannot Be Used After Replacing Wireless Router or Changing Its Settings
➤ Cannot Access to Internet on Wireless LAN from Communication Device
➤ Connecting Printer and Wireless Router Using Easy wireless connect
➤ Cannot Connect Smartphone/Tablet to Wireless Router
➤ Error Occurs During Wireless LAN Setup
➤ Connecting to Another Computer via LAN/Changing from USB to LAN Connection
➤ Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

➤ Network Key Unknown
➤ Administrator Password Set for Printer Unknown
➤ Checking Network Information
➤ Restoring to Factory Defaults
➤ Checking Wireless Router SSID/Key
➤ Checking Wireless Router SSID for Smartphone/Tablet
➤ Privacy Separator/SSID Separator/Network Separation Function
➤ Default Network Settings
➤ Connecting to Another Computer via LAN/Changing from USB to LAN Connection
➤ Printing Network Settings
➤ Changing Wireless LAN Connection Method
➤ 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 SSID for Smartphone/Tablet
- Setting Up Using Smartphone/Tablet
- Cannot Print/Scan from Smartphone/Tablet
- Downloading Canon PRINT Inkjet/SELPHY

Problems while Using Printer

- Message Appears on Computer During Setup
- Printing Is Slow
- Ink Level Not Shown on Printer Status Monitor (Windows)
- Packets Are Sent Constantly (Windows)

Wireless Direct

Cannot Print or Connect

- Printer Suddenly Cannot Be Used
- Cannot Access to Internet on Wireless LAN from Communication Device
- Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

- Network Key Unknown
- Administrator Password Set for Printer Unknown
- Checking Network Information
- Restoring to Factory Defaults
- Printing Network Settings
- Default Network Settings
- Changing Wireless LAN Connection Method
- Checking Status Code

Printing/Scanning from Smartphone/Tablet

- Cannot Print/Scan from Smartphone/Tablet
- Downloading Canon PRINT Inkjet/SELPHY

Problems while Using Printer

- Message Appears on Computer During Setup
- Printing Is Slow
- Ink Level Not Shown on Printer Status Monitor (Windows)
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 Wireless LAN**
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.

- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Power Status
- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking PC Network Connection
- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Printer's Wireless LAN Settings
- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Wireless LAN Environment
- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Printer's IP Address
- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Security Software Settings
- Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Wireless Router Settings
Are printer and network device (router, etc.) turned on?
Make sure the printer is turned on.

> Confirming that the 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 Wireless LAN Setup (Windows)-Checking PC Network Connection
Cannot Find Printer on Check Printer Settings Screen During Wireless 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 above does not solve the problem:

- > Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Wireless LAN Environment
Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Printer's Wireless LAN Settings

Is printer set to allow wireless communication?

Make sure the or icon is displayed on the LCD.

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 Wireless LAN Setup (Windows)-Checking Wireless LAN Environment

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Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)-Checking Wireless LAN Environment

Is printer connected to wireless router?

Use the icon on the LCD to make sure the printer is connected to the wireless router.

If icon is displayed:

- Checking wireless router location

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 wireless router and printer 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 wireless LAN due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

>>> Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

- Checking wireless router settings

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.
> **Important**

- Depending on the wireless router, note that different 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 SSID.

Check the SSID of the wireless router for the printer on the LCD.

Select the icon on the lower left, select Yes, and then check SSID.

For more on the wireless router, refer to the instruction manual supplied with the wireless router or contact its 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 icon is displayed:

- [Cannot Find Printer on Check Printer Settings Screen During Wireless LAN Setup (Windows)- Checking Printer's IP Address](#)
Cannot Find Printer on Check Printer Settings Screen During Wireless 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 LCD.
  - 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 Wireless LAN Setup (Windows)-Checking Security Software Settings
Cannot Find Printer on Check Printer Settings Screen During Wireless 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 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 Wireless LAN 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 wireless router and the printer.

To check the settings of the wireless router, see the instruction manual supplied with the wireless router or contact the manufacturer.

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 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](image)

**Important**

- Connect the "Type-B" terminal to the printer with the notched side facing RIGHT. For details, refer to the instruction manual supplied with the USB cable.

**Check2** Follow procedure below to connect printer and computer again.

**Important**

- For Mac OS, 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 it 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 Mac OS:
  1. Click **Next**.
     - If the screen telling you that installation has not been completed appears, click **Abort** on displayed screen and finish setup.
     - If the **Connection failed**. screen appears:
       1. Click **Next**.
       2. Click **Next** on displayed screen.
       3. Click **Back to Top** on **Select Printer** screen.
       4. Click **Exit** on **Start Setup** screen and finish setup.

3. Turn off printer.
4. Restart computer.
5. Make sure you have no application software running.
6. Perform setup on web page.
Cannot Find Printer while Using Wireless LAN

**Check1** Make sure the printer is turned on.

**Check2** Check the (Network status) icon on LCD.
If the icon is displayed, wireless LAN is disabled.
Select Active on WLAN active/inactive in Wireless LAN under LAN settings.
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.
If it is not, perform setup.
- For Windows:
  Perform setup using the Setup CD-ROM or from the web page.
- For Mac OS:
  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 Mac OS

**Check4** Make sure printer and wireless router network settings match.
Make sure the network settings of the printer (e.g. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.
To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

**Note**
- Use 2.4 GHz frequency band to connect to a wireless router. Match the SSID set for the printer with that for 2.4 GHz frequency band of the wireless router.
To check the SSID set for the printer, print out the network setting information.
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 Mac OS:
  - Starting Up IJ Network Device Setup Utility

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**Check5** Make sure the printer is not placed too far away from the wireless router.

Place the wireless router and printer 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 wireless LAN due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

**Note**

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

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**Check6** Make sure wireless signal is strong. Monitor signal strength and move printer and wireless router as necessary.

Check the signal strength on the LCD.

  - LCD and 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 Mac OS:
  - 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.

**Check 8** Make sure **Enable bidirectional support** is selected in the **Ports** sheet of the properties dialog box of the printer driver. (Windows)

If not, select it to enable bidirectional support.

**Check 9** Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings. 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 identifier (SSID). (Mac OS)

**If the problem is not resolved, redo setup.**

- For Windows:
  
  Perform setup using the Setup CD-ROM or from the web page.

- For Mac OS:

  Perform setup from the web page.
Network Connection Problems

► Printer Suddenly Cannot Be Used

► Network Key Unknown

► Printer Cannot Be Used After Replacing Wireless Router or Changing Its Settings
Printer Suddenly Cannot Be Used

- **Cannot Communicate with Printer Following Network Settings Change**
- **Cannot Communicate with Printer via Wireless LAN**
- **Cannot Communicate with Printer Using Wireless Direct**
- **Cannot Print or Scan from a Computer Connected to the Network**

**Q** Cannot Communicate with Printer Following Network Settings Change

**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 Communicate with Printer via Wireless LAN

**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, turn it off and on again.

It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode, etc.) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.

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 wireless router or contact the manufacturer.

Check3 Is the printer connected to the wireless router?

Use the icon on the LCD to check the connection status between the printer and wireless router. If the icon is not displayed, wireless LAN 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. wireless router name, SSID, network key, etc.) are identical with those of the wireless router.
To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the printer, print out the network setting information.

- **Printing Network Settings**

**Check5** Make sure the printer is not placed too far away from the wireless router.

Place the wireless router and printer 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 wireless LAN due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

**Note**

- 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.

Check the signal strength on the LCD.

- **LCD and 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 Mac OS:
  - **Starting Up IJ Network Device Setup Utility**
Check7  Make sure you are using a valid channel.

Usable wireless channels may be limited depending on wireless network device used by your computer. See the instruction manual provided with your computer or wireless network device to check usable wireless channels.

Check8  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.

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 identifier (SSID). (Mac OS)

If the problem is not resolved, redo setup.

• For Windows:
  Perform setup using the Setup CD-ROM or from the web page.

• For Mac OS:
  Perform setup from the web page.

• Positioning:
  Make sure there are no obstacles between the wireless router and the printer.

Cannot Communicate with Printer Using Wireless Direct

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, turn it off and on again.

Check2  Is the icon displayed on the LCD?

If not, Wireless Direct is disabled. Turn on Wireless Direct.

Check3  Check the settings of your device (smartphone/tablet).
Make sure wireless LAN 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 identifier for Wireless Direct (SSID) specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

To check the identifier for wireless direct (SSID) specified for the printer, display it using the operation panel of the printer or print out the network setting information of the printer.

- Display on the LCD.
  
  ➤ [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 LCD.
  
  ➤ [LAN settings](#)

- Print the network settings.
  
  ➤ [Printing Network Settings](#)

**Check6** Make sure the printer is not placed too far away from the device.

Place the device and printer 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 wireless LAN 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.

Place devices a suitable distance from the printer.

**Check7** Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.

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**Q** Cannot Print or Scan from a Computer Connected to the Network

**A**
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  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 Unknown

⇒ WPA/WPA2 or WEP Key Set for Wireless Router Unknown, Cannot Connect
⇒ Setting an Encryption Key

WPA/WPA2 or WEP Key Set for Wireless Router Unknown, Cannot Connect

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 Mac OS:
    ⇒ Starting Up IJ Network Device Setup Utility

Setting an Encryption Key

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 Mac OS:
    ⇒ 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**
  
The authentication method, passphrase, and dynamic encryption type must be the same for the wireless router, the printer, and your computer.

  Enter the passphrase configured on the wireless router (a sequence of between 8 and 63 alphanumeric characters, or a 64-character hexadecimal number).

  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 key length, key format, key to use (one of 1 to 4), and authentication method must be the same for the wireless router, the printer, and your computer.

  To communicate with a wireless router that uses automatically generated WEP keys, you must set the printer to use the key generated by the wireless router, entering it in hexadecimal format.

  - For Windows:
    
    When the WEP Details screen appears after you click Search... on the Network Settings (Wireless LAN) screen in IJ Network Device Setup Utility, follow the on-screen instructions to set the WEP key length, format, and the number.

    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 key length in AirPort Base Station.
      - Select 1 for Key ID. Otherwise, computer will not be able to communicate with printer via the wireless router.
Printer Cannot Be Used After Replacing Wireless Router or Changing Its Settings

When you replace a wireless router, redo the network setup for the printer.

• For Windows:
  Perform setup using the Setup CD-ROM or from the web page.

• For Mac OS:
  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 Mac OS:
      ➤ 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 or WEP key, make sure encryption key for computer, network device, and printer matches key set for wireless router.

Not only the WEP key itself, but also the key length, key format, the key ID to use, and the authentication method must be the same for the printer, the wireless router, and the computer.

For details, see Setting an Encryption Key.

Q With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at Wireless Router

A

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 LCD.
  - 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

You can display the printer's MAC address on the LCD.

- System information

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** button 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 Mac OS:
  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**.
Make sure Wi-Fi is selected as network interface.

3. Check the IP address or MAC address.
   Click TCP/IP to check the IP address.
   Click Hardware to check the MAC address.

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 button 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.

- For Mac OS:
  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 ---
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 LCD.
  - LAN settings
- Print the network settings.
  - Printing Network Settings
Restoring to Factory Defaults

**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 Mac OS:
  
  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](#)
Printing Problems

- Printing Does Not Start
- No Ink Comes Out
- Paper Does Not Feed Properly/"No Paper" Error
- Print Results Are Unsatisfactory
Printing Does Not Start

Check1: Make sure printer is securely plugged in and press ON button to turn it 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.

When the printer is connected to your computer with a USB cable, 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.

Note

• IJ Network Device Setup Utility allows you to diagnose and repair the network status. Download it from the web page.
  For Windows
  For Mac OS

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 LCD. Follow the instructions on the LCD 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:
    Device user settings
  • To change the message view setting when printing using the printer driver:
    Changing the Printer Operation Mode (Windows)
    Changing the Printer Operation Mode (Mac OS)

Check4: If printing from a computer, delete unnecessary print jobs.
• For Windows:
  ➡️ Deleting the Undesired Print Job

• For Mac OS:
  ➡️ Deleting the Undesired Print Job

Check5  Is your printer's printer driver is 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
  • To make the printer the one selected by default, select Set as Default Printer.

• For Mac OS:
  Make sure your printer’s name is selected in Printer in the Print dialog.

  ➤➤ Note
  • To make the printer the one selected by default, select the printer for Default printer.

Check6  Is print data extremely large? (Windows)

Click Print Options on Page Setup sheet of the printer driver. Then set Prevention of Print Data Loss to On in the dialog that appears.

* This may reduce print quality.

Check7  If printing from your computer, restart computer.
No Ink Comes Out

Check1  When a FINE cartridge runs out of ink, replace it with a new one.

Check2  Is the FINE cartridge installed properly?
If you do not close the ink cartridge locking cover correctly, ink may not be ejected correctly.
Open the scanning unit / cover to open the ink cartridge locking cover, and then close it.
Press down the ink cartridge locking cover until it clicks into place.

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:
    After performing the print head cleaning, print the nozzle check pattern and examine the pattern.

  • 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:
    Ink may have run out. Replace the FINE cartridge.
Paper Does Not Feed Properly/"No Paper" Error

Check 1  Make sure paper is loaded.

- Loading Paper

Check 2  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

Check 3  Is paper too thick or curled?

- Unsupported Media Types

Check 4  When loading postcards or envelopes, consider the following:

- If a postcard is curled, it may not feed properly even though the paper stack does not exceed the paper load limit.

  Load Japanese postcards with their postcode column downward on the rear tray.
- When printing on envelopes, see Loading Envelopes, and prepare the envelopes before printing.

  Once you have prepared the envelopes, load them in portrait orientation. If the envelopes are placed in landscape orientation, they will not feed properly.

Check 5  Make sure media type and paper size settings match with loaded paper.

Check 6  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
Check

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.
Print Results Are Unsatisfactory

If the print results are unsatisfactory due to white streaks, misaligned 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.

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Check2  Make sure appropriate print quality is selected (see table 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 (Wireless LAN) compliant device, set the print quality setting using the operation panel.

  This setting cannot be made on the PictBridge (Wireless LAN) compliant device.

Check3  If problem is not resolved, check other causes.
See also the sections below:

- Paper Is Blank/Printing Is Blurry/Colors Are Wrong/White Streaks Appear
- Colors Are Unclear
- Lines Are Misaligned
- Paper Is Smudged / Printed Surface Is Scratched
- Cannot Complete Printing
- Vertical Line Next to Image
- 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
Paper Is Blank/Printing Is Blurry/Colors Are Wrong/White Streaks Appear

Printing Is Blurry

Colors Are Wrong
White Streaks Appear

Check1: Check paper and print quality settings.
- Print Results Are Unsatisfactory

Check2: 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:
  After performing the print head cleaning, print the nozzle check pattern and examine the pattern.
- 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:
  Ink may have run out. Replace the FINE cartridge.

Check3: When a FINE cartridge runs out of ink, replace it with a new one.

Check4: When using paper with one printable surface, make sure paper is loaded with printable side facing up.
Printing on the wrong side of such paper may cause unclear prints or prints with reduced quality.
Load paper with the printable side facing up.
Refer to the instruction manual supplied with the paper for detailed information on the printable side.

Check5: Is the FINE cartridge installed properly?
If you do not close the ink cartridge locking cover correctly, ink may not be ejected correctly.
Open the scanning unit / cover to open the ink cartridge locking cover, and then close it.
Press down the ink cartridge locking cover until it clicks into place.

- When copying, see also the sections below:

**Check 6** Is platen glass dirty?

Clean the platen glass.

- Cleaning the Platen Glass and Document Cover

**Check 7** Make sure original is properly loaded on platen glass.

- Loading Originals

**Check 8** Is original loaded with side to be copied facing down on platen glass?

**Check 9** Did you copy a printout done by this 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.
Colors Are Unclear

Check1  Is nozzle check pattern printed properly?

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:
  After performing the print head cleaning, print the nozzle check pattern and examine the pattern.

- 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:
  Ink may have run out. Replace the FINE cartridge.

Check2  When a FINE cartridge runs out of ink, replace it with a new one.

Check3  Is FINE cartridge installed properly?

If you do not close the ink cartridge locking cover correctly, ink may not be ejected correctly.

Open the scanning unit / cover to open the ink cartridge locking cover, and then close it.

Press down the ink cartridge locking cover until it clicks into place.

Note

- Printed colors may not match screen colors due to basic differences in the methods used to produce colors. Color control settings and environmental differences can also affect how colors appear on the screen. Therefore, colors of printing results may be different from those on the screen.
Lines Are Misaligned

Check1 Check paper and print quality settings.

- Print Results Are Unsatisfactory

Check2 Perform print head alignment.

If printed lines are misaligned 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 Print Head Position
  
  - For Mac OS:
    - Adjusting Print Head Position

Check3 Increase print quality and try printing again.

Increasing the print quality using 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.

Print 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.

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.
  Leaving the paper loaded on the rear tray for a long time may cause the paper to curl. In this case, load the paper with the other side facing up. It may resolve the problem.

- Other Paper
  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

  Press 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. Make sure printer is turned on.
    2. Open printer driver setup window.
3. Click **Maintenance** tab and **Custom Settings**.

4. Select **Prevent paper abrasion** check box and click **OK**.

   - For Mac OS:
     
     Adjust the setting to prevent paper abrasion from Remote UI.

   ➔ Opening Remote UI for Maintenance

**Check5** If intensity is set high, reduce intensity setting and try printing again.

If you are printing with a high intensity setting on plain paper, the paper may absorb too much ink and become wavy, causing paper abrasion.

  - Printing from your computer (Windows)
    
    Check the intensity setting in the printer driver.

      ➔ Adjusting Intensity

  - Copying

      ➔ Setting Items for Copying

**Check6** Do not print outside recommended printing area.

If you print outside the recommended printing area of your paper, ink may stain the lower edge of the paper.

Resize the document using application software.

  ➔ Print Area

**Check7** Is platen glass dirty?

Clean the platen glass.

  ➔ Cleaning the Platen Glass and Document Cover

**Check8** Is paper feed roller dirty?

Clean paper feed roller.

  ➔ Cleaning the Paper Feed Rollers

**Note**

- Cleaning the paper feed roller abrades it, so do this only when necessary.

**Check9** 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.
Set longer ink drying time.

This allows the printed surface to dry, preventing smudges and scratches.

- For Windows:
  1. Make sure printer is turned on.
  2. Open printer driver setup window.
     ➤ Opening Printer Driver's Setup Screen
  3. Click Maintenance tab and Custom Settings.
  4. Drag Ink Drying Wait Time slide bar to set the wait time and click OK.
  5. Check message and click OK.

- For Mac OS:
  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.

- **Print 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**
**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

**A**

**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

- Power Does Not Come On
- Power Shuts Off By Itself
- USB Connection Problems
- Cannot Communicate with Printer via USB
- LCD Shows Wrong Language
Power Does Not Come On

A

Check1  Press ON button.

Check2  Make sure power plug is securely connected to printer, and then turn it back on.

Check3  Unplug printer, leave it for at least 2 minutes, and then plug it back in and turn it on again.

If this does not solve the problem, contact your nearest Canon service center to request a repair.
Power Shuts Off By Itself

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. Make sure printer is turned on.
  2. Select Setup on the HOME screen.
  3. Select Settings.
  4. Select ECO.
  5. Select Energy saving settings.
  6. Check on-screen instructions and select Next.
  7. Select Auto power off.
  8. Select Never.
  9. Select OK.

    The setting to shut off the power automatically 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 printer you are using from pulldown menu and select OK.
     The menu screen appears.

    The setting to shut off the power automatically is disabled.

Note

- Refer to below to disable the setting from ScanGear (scanner driver).
  ➪ Scanner Tab
USB Connection Problems

Printing or Scanning Is Slow/Hi-Speed USB Connection Does Not Work/"This device can perform faster" Message Appears (Windows)

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.
• Does the operating system of your computer support Hi-Speed USB connection?
  Install the latest update for your computer.
• Is the Hi-Speed USB driver working properly?
  If necessary, obtain and install the latest version of the Hi-Speed USB driver for your computer.

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 RIGHT. 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
Installation and Download Problems

- Cannot Install MP Drivers (Windows)
- Updating MP Drivers in Network Environment (Windows)
Cannot Install MP Drivers (Windows)

**A**

- If installation does not start when you insert Setup CD-ROM:

  Follow the instructions below to start the installation.

  1. Make the following settings.
     - In Windows 10, click **Start** button > **File Explorer**, and then click **This PC** from list on left.
     - In Windows 8.1, select **Explorer** icon in **Taskbar** on **Desktop**, and then select **This PC** from list on left.
     - In Windows 7, click **Start**, and then click **Computer**.

  2. Double-click the CD-ROM icon in the window that appears.

     If the contents of the CD-ROM appear, double-click **MSETUP4.EXE**.

     If you cannot install the 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:

![Printer Connection Screen](image)

**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 wireless LAN connection**. 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, an error message appears on the computer screen and the LCD.

When a Support Code and a message are displayed on the computer screen (Windows):

![Support Code Image]

When a Support Code and a message are displayed on the LCD:

A support code and action for the error appears on the LCD.

![LCD Support Code Image]

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 LCD, see below.

Message Appears on LCD

If a message appears on the computer, see below.

- Error Regarding Automatic Duplex Printing Is Displayed
- Error Regarding Power Cord Being Unplugged Is Displayed (Windows)
- Writing Error/Output Error/Communication Error (Windows)
- Other Error Messages (Windows)
- Inkjet Printer/Scanner/Fax Extended Survey Program Screen Is Displayed (Windows)
- Inkjet Printer/Scanner/Fax Extended Survey Program Icon Appears (Mac OS)

Message Appears on LCD

Check the message and take an appropriate action.

- Power was not turned off correctly the last time. Press the \( \text{\textcopyright} \) button when turning power off.

  The printer may have been unplugged while the power was still on.

  Select OK on the LCD.

  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 LCD and try again after a while.

Error Regarding Automatic Duplex Printing Is Displayed

Check See Automatic Duplex Printing Problems and take the appropriate action.
Q  Error Regarding Power Cord Being Unplugged Is Displayed (Windows)

A  

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.

Q  Writing Error/Output Error/Communication Error (Windows)

A  

Check1  If the ON lamp is off, make sure printer is plugged in and turn it 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. Open the Device Manager on your computer as shown below.

   If User Account Control screen is displayed, follow the on-screen instructions.

   • In Windows 10, right-click Start button and select Device Manager.

   • In Windows 8.1, select Control Panel from Settings charm on Desktop > Hardware and Sound > Device Manager.

   • In Windows 7, click Control Panel, Hardware and Sound, and Device Manager.
2. Double-click **Universal Serial Bus controllers** and **USB Printing Support**.
   If **USB Printing Support Properties** screen does not appear, make sure the printer is correctly connected to the computer.

   ➡️ **Check2**: Make sure printer is properly connected to computer.

3. Click **General** tab and check for a device problem.
   If a device error is shown, see Windows Help to resolve it.

---

### Other Error Messages (Windows)

**Check** If an error message appears outside printer status monitor, check the following:

- **"Could not spool successfully due to insufficient disk space"**
  Delete any unnecessary files to increase the amount of free space on the disk.

- **"Could not spool successfully due to insufficient memory"**
  Close other applications to increase the available memory.
  If you still cannot print, restart your computer and retry the printing.

- **"Printer driver could not be found"**
  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.

---

### Inkjet Printer/Scanner/Fax Extended Survey Program Screen Is Displayed (Windows)

**Check** If the Inkjet Printer/Scanner/Fax Extended Survey Program is installed, a screen appears asking for permission to send the printer and application usage information every month for about ten years.

Read the information on the screen and follow the instructions below.
• If you agree to participate in survey program:

Click **Agree** and follow the on-screen instructions. The printer usage information is sent via the Internet. Once you have completed the procedure, the information is subsequently sent automatically and the confirmation screen does not reappear.

**Note**

- When the information is being sent, a warning such as an Internet security message may appear. Make sure the program name is "IJPLMUI.exe" and allow it.

- If you clear **Send automatically from the next time** check box, the information will not be sent automatically from next time and a confirmation screen will appear at the time of the next survey. To send the information automatically, see [Changing confirmation screen setting].

• If you do not agree to participate in survey program:

Click **Do not agree**. The confirmation screen closes and the survey is skipped. The confirmation screen will reappear one month later.

• To uninstall Inkjet Printer/Scanner/Fax Extended Survey Program:

To uninstall the Inkjet Printer/Scanner/Fax Extended Survey Program, click **Uninstall** and follow the on-screen instructions.

• Changing confirmation screen setting:

1. Make the following settings.
   - In Windows 10, right-click **Start** button and select **Programs and Features**.
   - In Windows 8.1, select **Control Panel** from **Settings** charm on **Desktop > Programs > Programs and Features**.
   - In Windows 7, select **Start menu > Control Panel > Programs > Programs and Features**.
2. Select Canon Inkjet Printer/Scanner/Fax Extended Survey Program.

3. Select Change.

If you select Yes after you have followed the on-screen instructions, the confirmation screen will appear at the time of the next survey.

If you select No, the information will be sent automatically.

Note

- If you select Uninstall, the Inkjet Printer/Scanner/Fax Extended Survey Program is uninstalled. Follow the on-screen instructions.

Inkjet Printer/Scanner/Fax Extended Survey Program Icon Appears (Mac OS)

If the Inkjet Printer/Scanner/Fax Extended Survey Program is installed, the printer and application software usage information is sent every month for about ten years. The Inkjet Printer/Scanner/Fax Extended Survey Program icon appears in the Dock when it is time to send the printer usage information.

Click the icon, read the information that appears, and then follow the instructions below.
• If you agree to participate in survey program:

Click **Agree** and follow the on-screen instructions. The printer usage information is sent via the Internet. Once you have completed the procedure, the information is subsequently sent automatically and the confirmation screen does not reappear.

**Note**

- If you clear the **Send automatically from the next time** check box, the information will not be sent automatically the next time and the **Inkjet Printer/Scanner/Fax Extended Survey Program** icon will appear in the Dock at the time of the next survey.

• If you do not agree to participate in survey program:

Click **Do not agree**. The confirmation screen closes and the survey is skipped. The confirmation screen will reappear one month later.

• To stop sending the information:

Click **Turn off**. This stops the Inkjet Printer/Scanner/Fax Extended Survey Program, and information is not sent. To resume the survey, see **Changing setting**.

• To uninstall Inkjet Printer/Scanner/Fax Extended Survey Program:

1. Stop Inkjet Printer/Scanner/Fax Extended Survey Program.

   **Changing setting:**
2. Select **Applications** from **Go** menu of Finder, double-click the **Canon Utilities** folder and **Inkjet Extended Survey Program** folder.

3. Move **Canon Inkjet Printer/Scanner/Fax Extended Survey Program.app** to **Trash**.

4. Restart computer.
   Empty **Trash** and restart your computer.

**Changing setting:**
To display the confirmation screen every time the printer usage information is sent or to resume surveying, follow the procedure below.

1. Select **Applications** from **Go** menu of Finder, double-click the **Canon Utilities** folder and **Inkjet Extended Survey Program** folder.

2. Double-click **Canon Inkjet Printer/Scanner/Fax Extended Survey Program** icon.

   - **Do not display the confirmation screen when information is sent:**
     If the check box is selected, the information will be sent automatically.
     If the check box is not selected, **Inkjet Printer/Scanner/Fax Extended Survey Program** icon will appear in the Dock at the time of the next survey. Click the icon and follow the on-screen instructions.

   - **Turn off/Turn on button:**
     Click the **Turn off** button to stop the Inkjet Printer/Scanner/Fax Extended Survey Program.
     Click the **Turn on** button to restart the Inkjet Printer/Scanner/Fax Extended Survey Program.
List of Support Code for Error

Support code appears on the LCD 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 LCD and computer screen and take the appropriate action in response.

Support Code Appears on LCD and Computer Screen

• **1000 to 1ZZZ**

  1000  1003  1200  1240  1270  1300  
  1303  1304  1309  1310  1313  1401  
  1403  1430  1485  1486  1487  1682  
  1684  1686  1687  1688  1702  1703  
  1704  1705  1712  1713  1714  1715  
  1871  1874  1890

• **2000 to 2ZZZ**

  2110  2113  2114  2120  2123  2504  
  2700  2900  2901

• **3000 to 3ZZZ**

  3402  3403  3405  3407  3408  3410  
  3411  3412  3413  3438  3439  3440  
  3441  3442  3443  3444  3445  3446  
  3447  3449

• **4000 to 4ZZZ**

  4100  4103  4104  495A

• **5000 to 5ZZZ**

  5011  5012  5050  5100  5200  5205  
  5206  5400  5700  5B02  5B03  5B04  
  5B05  5B12  5B13  5B14  5B15  5C02
• 6000 to 6ZZZ
  6000  6001  6004  6500  6800  6801
  6900  6901  6902  6910  6911  6930
  6931  6932  6933  6936  6937  6938
  6940  6941  6942  6943  6944  6945
  6946  6951  6A80  6A81  6D01

• A000 to ZZZZ
  B202  B203  B204  B205  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:
  ◦ If the paper fed from the rear tray is jammed:
    ➤ 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

• Cases other than above:
  ➤ Other Cases
1300

**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.

![Removing Jammed Paper](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, press the **Stop** button 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 LCD.

   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.
   When you load A4 or Letter-sized paper in the cassette, make sure you have extended it.
   Loading Paper in the Cassette

2. Perform printing or copying again.
Cause
Paper is jammed when performing automatic duplex printing.

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.
   When you load A4 or Letter-sized paper in the cassette, make sure you have extended it.
   ➤ Loading Paper in the Cassette

2. Perform printing or copying again.
1313

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, press the **Stop** button to stop the printing before you turn off the printer.

1. Turn off printer and unplug it.

2. Open scanning unit / cover.

![Diagram of printer with scanning unit open]

**Important**

- Do not touch white belt (A).

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 FINE cartridge holder.

   If the jammed paper is under the FINE cartridge holder, move the FINE cartridge holder to the far right or left, whichever makes it easier to remove the paper.

   When moving the FINE cartridge holder, hold the top of the FINE cartridge holder and slide it slowly to the far right or left.
4. Hold jammed paper firmly in both hands.

If the paper is rolled up, pull it out.

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.

- Any paper left under the FINE cartridge holder?
- Any small bits of paper left in the printer?
- Any paper left in the left and right empty spaces (B) in the printer?

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 LCD or on your computer screen when you resume printing after removing all the jammed paper, there may be some paper still inside the printer. Check the printer again for any remaining bits of paper.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.
Removing Jammed Paper from Rear Side

**Note**

- If paper becomes jammed during printing and you need to turn off the printer to remove it, press the **Stop** button 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.
2. Slowly pull out paper.

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.
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.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.
1000

Cause
Possible causes include the following.
- There is no paper in the rear tray.
- Paper is not loaded in the rear tray properly.

What to Do
Take the corresponding actions below.
- Load paper in the rear tray.
- 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 LCD.

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, press the printer's Stop button.
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.
- 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 LCD.

**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, press the printer's **Stop** button.
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 a FINE cartridge.
1401

**Cause**
FINE cartridge is not installed.

**What to Do**
Install the FINE cartridge.

If the error is not resolved, the FINE cartridge may be damaged. Contact your nearest Canon service center to request a repair.
1430

**Cause**
FINE cartridge cannot be recognized.

**What to Do**
Remove the FINE cartridge and reinstall it.
If the error is not resolved, the FINE cartridge may be damaged. Replace the FINE cartridge with a new one.
If this still does not solve the problem, contact your nearest Canon service center to request a repair.
1485

**Cause**
Appropriate ink cartridge is not installed.

**What to Do**
Printing cannot be executed because the ink cartridge is not compatible with this printer.
Install the appropriate ink cartridge.
If you want to cancel printing, press the printer’s Stop button.
1682

**Cause**

FINE cartridge cannot be recognized.

**What to Do**

Replace the FINE cartridge.

If the error is not resolved, the FINE cartridge may be damaged. Contact your nearest Canon service center to request a repair.
1686

**Cause**

The ink may have run out.

**What to Do**

The function for detecting the remaining ink level will be disabled since the ink level cannot be correctly detected.

If you want to continue printing without this function, press the printer's **Stop** button for at least 5 seconds.

Canon recommends to use new genuine Canon cartridges in order to obtain optimum qualities.

Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition.
1687

**Cause**

FINE cartridge is not installed properly.

**What to Do**

Open the scanning unit / cover to open the ink cartridge locking cover, and then remove the FINE cartridge.

Then install the FINE cartridges again.

Press down the ink cartridge locking cover until it clicks into place.

After you install the FINE cartridge, close the scanning unit / cover.
1688

**Cause**

The ink has run out.

**What to Do**

Replace the ink cartridge and close the scanning unit (cover).

If printing is in progress and you want to continue printing, press the printer’s **Stop** button for at least 5 seconds with the ink cartridge installed. Then printing can continue under the ink out condition.

The function for detecting the remaining ink level will be disabled.

Replace the empty ink cartridge immediately after the printing. The resulting print quality is not satisfactory, if printing is continued under the ink out condition.
1890

Cause
Protective material or tape may still be attached to FINE cartridge holder.

What to Do
Open the scanning unit / cover and make sure the protective material and tape have been removed from the FINE cartridge holder.
If the protective material or 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.
2110

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 LCD.
  ➔ 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 LCD.

• 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

After selecting OK on the LCD, the print or copy paper settings appear below the message.
What to Do

Select OK on the LCD again to display the screen below.

Select the appropriate action.

Note

• Depending on settings, some of the options below may not appear.

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, press the Back button. 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 LCD.

   ➤ 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
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 (Mac OS)
2900

Cause
Scanning print head alignment sheet failed.

What to Do
Select OK on the printer’s LCD and check the following.

- Make sure the print head alignment sheet is set in the correct position and orientation on the platen glass.
- Make sure the platen glass and the print head alignment sheet are not dirty.
- Make sure the loaded paper is correct.
  
  For print head alignment, load A4 or Letter-sized plain paper.
- Make sure the print head nozzle is not clogged.
  
  Check the print head condition by printing the nozzle check pattern.

After checking the above, start over auto print head alignment from the beginning.

If the error is still not resolved, try manual print head alignment.
2901

Cause
Print head alignment pattern has been printed and printer is waiting to scan sheet.

What to Do
Scan the printed alignment pattern.

1. Load print head alignment sheet on platen glass.
   Place the printed side down and align the mark in the bottom right corner of the sheet with the alignment mark.

2. Slowly close document cover and select OK on LCD.
   The printer starts scanning the print head alignment sheet, and automatically adjusts the print head position.
4103

**Cause**
Cannot perform printing with current print settings.

**What to Do**
Press the printer's **Stop** button to cancel printing.
Then change the print settings and retry printing.
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 FINE cartridge holder motion is not impeded by stabilizer, jammed paper, etc.
  
  Remove any impediment.

- Make sure the FINE cartridges are properly installed.
  
  Open the scanning unit / cover and press down the ink cartridge locking cover to make sure the FINE cartridges are properly installed.

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 FINE cartridge 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.
5B02

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 FINE cartridge holder motion is not impeded by stabilizer, jammed paper, etc.
  Remove any impediment.
• Make sure the FINE cartridges are properly installed.
  Open the scanning unit / cover and press down the ink cartridge locking cover to make sure the FINE cartridges are properly installed.

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 FINE cartridge 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.