

Canon Inkjet Photo All-In-One
PIXMA MG8120 series

Getting Started

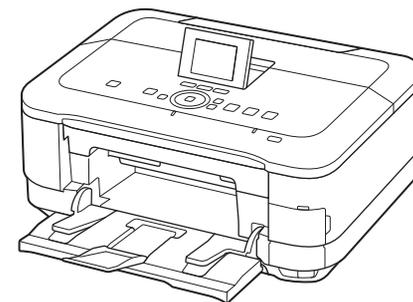
Read Me First

Symbols Used in This Document

 Prohibited actions.

 Instructions including important information.

- In this guide, Windows 7 operating system is referred to as Windows 7 and Windows Vista operating system as Windows Vista.
- In this guide, the screens are based on Windows 7 Home Premium and Mac OS X v.10.6.x. (Unless noted otherwise, the screens are those of Windows 7.)



Make sure to read this manual before using the machine. Please keep it in hand for future reference.

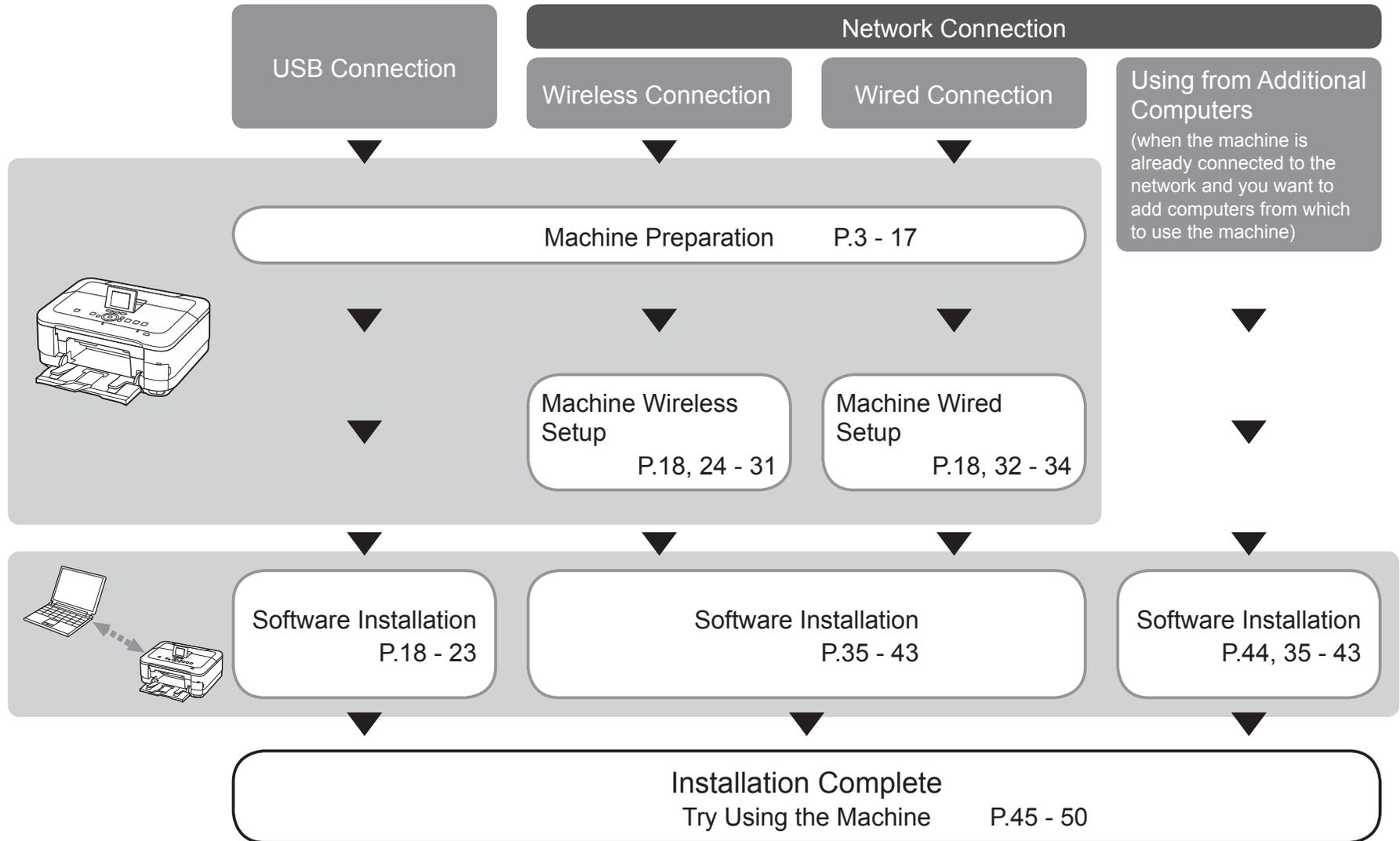


QT53070V01

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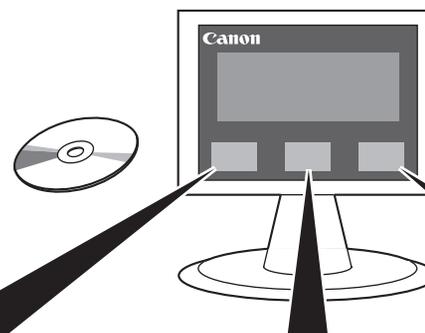
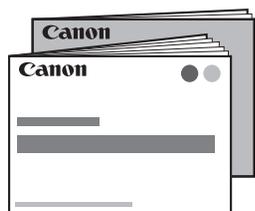
■ Machine Installation Flow



This machine contains both printed manuals and on-screen manuals to be viewed on a computer.
The on-screen manuals are included on the **Setup CD-ROM** and are installed during the software installation.

 Printed Manuals

 On-Screen Manuals



- **Getting Started**
(this manual)
- **Network Setup**
Troubleshooting

Describes how to set up and use your machine. Introduces the machine and its functions, the included manuals and application software.



Basic Guide

Describes basic operations and media, and gives an introduction to other functions available.



Advanced Guide

Describes various operating procedures to make full use of machine.



Troubleshooting

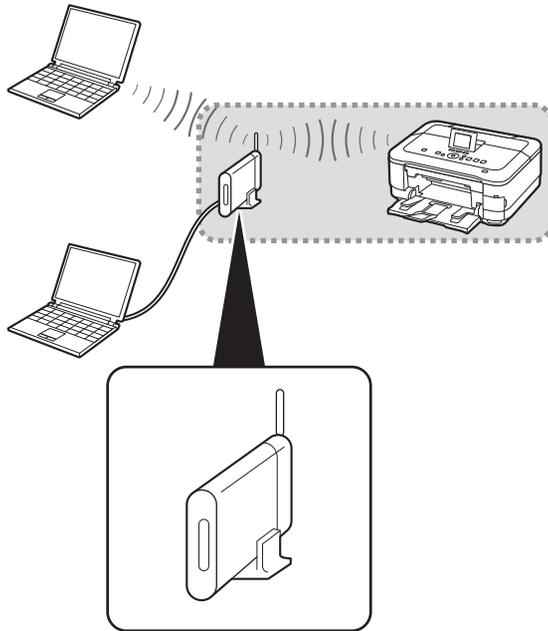
Describes troubleshooting tips for problems you may encounter when using the machine.

For details on opening the on-screen manuals, refer to page 45.

■ Devices Required for Wireless/Wired Connection

When using the machine over a wireless/wired connection, the following devices are required depending on the connection method.

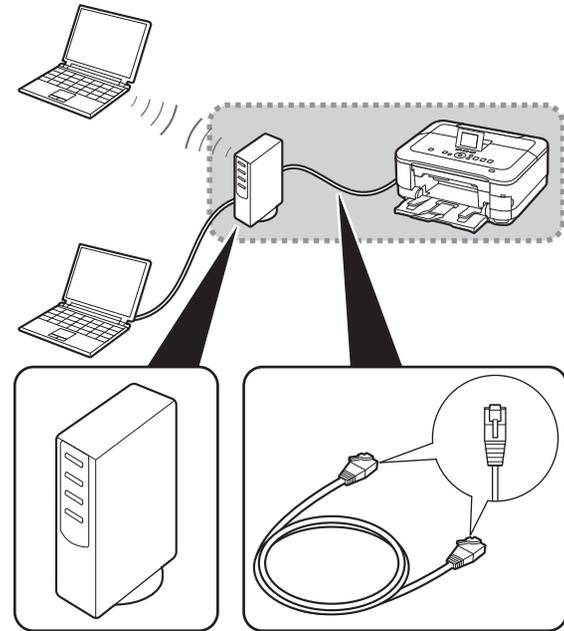
Wireless Connection



Access point or wireless router

A commercial access point or router that supports IEEE802.11b/g/n is required.

Wired Connection



Router, etc.

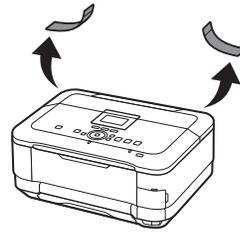
Ethernet cable

A commercial network device (router, etc.) and Ethernet cable are required.



- Do not install the machine where an object may fall on it. In addition, do not place any object on the top of the machine. It may fall into the machine when opening covers, resulting in malfunction.
- Paper Output Tray (A) automatically opens when printing starts. Do not place anything in front of the Paper Output Tray.

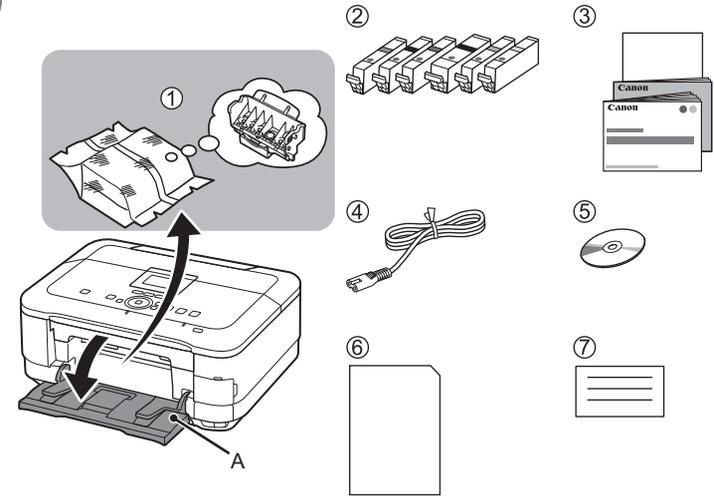
1



Remove all orange tape and protective materials from the inside and outside of the machine.

- The tape and protective materials may differ in shape and position from what they actually are.

2



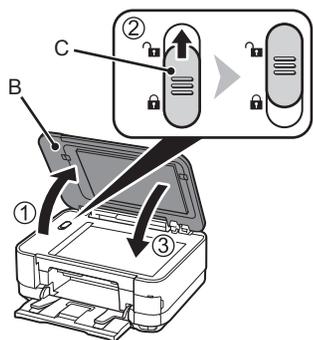
Make sure all the following items are supplied.

Some accessories (1) are stored within the Paper Output Tray (A). Open the Paper Output Tray to remove them.

1. Print Head
2. Ink tanks (6: M, BK, GY, PGBK, C, Y)
3. Manuals
4. Power cord
5. Setup CD-ROM (containing the drivers, applications and on-screen manuals)
6. Matte Photo Paper MP-101 (for Automatic Print Head Alignment)
7. Other documents

- A USB cable is necessary to connect the machine with your computer (USB connection only).

3

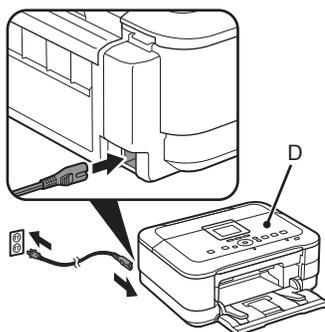


Unlock the scanner.

1. Open the Document Cover (B).
2. Move the Scanner Lock Switch (C) towards the release mark to unlock the Scanning Unit (Cover).
3. Close the Document Cover.

Make sure that the Document Cover is closed and go to the next step.

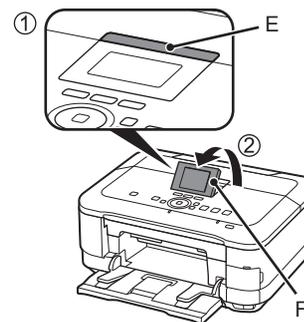
4



Insert the power cord into the connector on the left side at the back of the machine and into the wall outlet firmly.

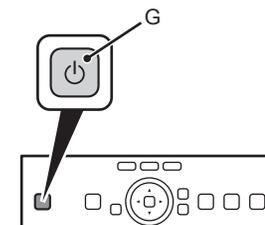
- ▶ Do NOT connect the USB cable or Ethernet cable at this stage.
- ▶ Make sure that the Document Cover (D) is closed.

5



Press the LCD open button (E) (1), then adjust the LCD (Liquid Crystal Display) (F) to a comfortable viewing angle (2).

6

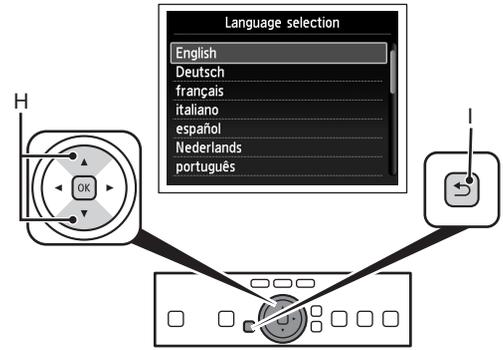


Press the **ON** button (G).

- 📖 The machine may make some operating noises. This is normal operation.
- It takes about 4 seconds for the **ON** button to work after the power cord is plugged in.



7



Use the ▲ or ▼ button (H) on the Operation Panel to select the language for the LCD, then touch the **OK** button.

8



When the above screen is displayed, touch the **OK** button and go to the next step.

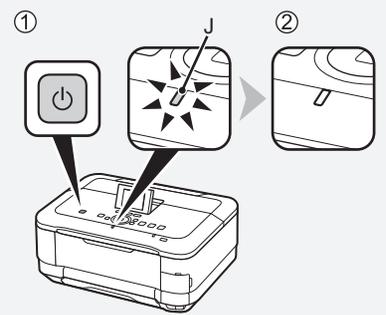
▶ • If an unintended language is displayed on the LCD, touch the **Back** button (I) to return to the **Language selection** screen.

▶ **When it is necessary to turn off the machine**

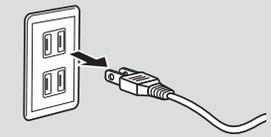
Be sure to follow the procedure below.

1. Press the **ON** button to turn off the machine.
2. Make sure that the **POWER** lamp (J) is not lit.

Operating noise may continue for up to 40 seconds until the machine turns off.



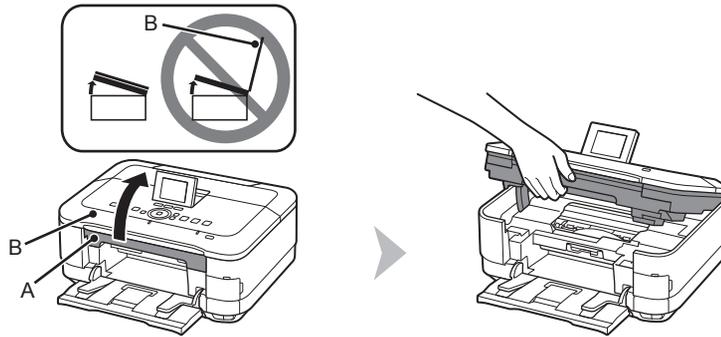
- ▶ • When removing the power plug, make sure that the **POWER** lamp is not lit before removing the plug. Removing the power plug while the **POWER** lamp lights up or flashes may cause drying and clogging of the Print Head, resulting in poor printing.



📖 • The specification of the power cord differs for each country or region.

Install the Print Head

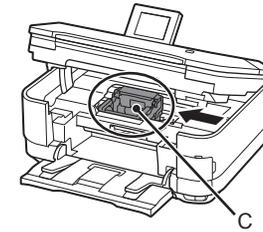
1



Lift the Scanning Unit (Cover) (A) until it stops.

Close the Document Cover (B) and lift it with the Scanning Unit (Cover).

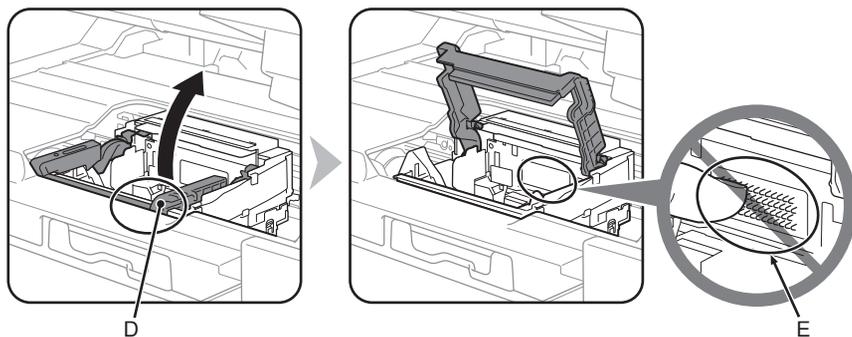
2



The Print Head Holder (C) moves to the installation position.

If the Print Head Holder does not move, make sure that the machine is turned on. For details, refer to ④ to ⑧ on page 5 in “1 Preparation”.

➡ Go to the next page.

3

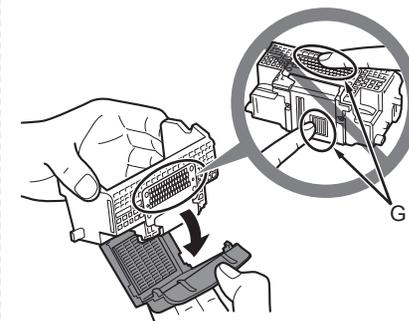
Firmly lift the part (D) of the Print Head Lock Lever in the Print Head Holder until it stops.

The Print Head Lock Lever may feel heavy.

- ▶ Do not touch the inside of the Print Head Holder (E). The machine may not print properly if you touch it.

4

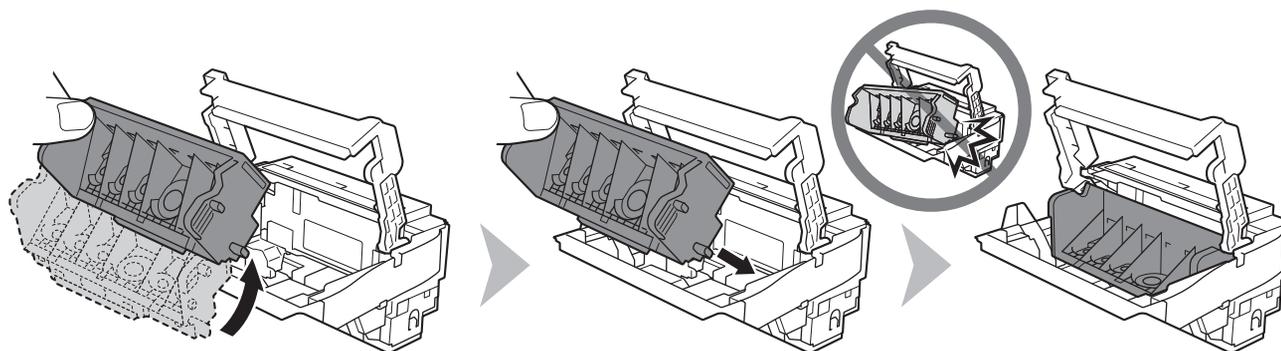
Remove the Print Head from the silver package.

5

Remove the orange protective cap.

- ▶ Handle the Print Head carefully. Do not drop or apply excessive pressure to it.
- Do not touch the inside (F) or metal parts (G) of the Print Head. The machine may not print properly if you touch them.
- There may be some transparent or light blue ink on the inside of the bag the Print Head comes in, or the inside of the protective cap - this has no effect on print quality. Be careful not to get ink on yourself when handling these items.

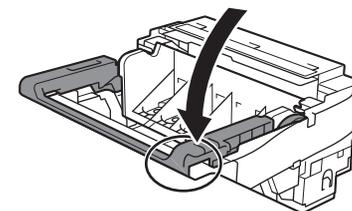
6



Tilt the Print Head forward and set it in place as shown.

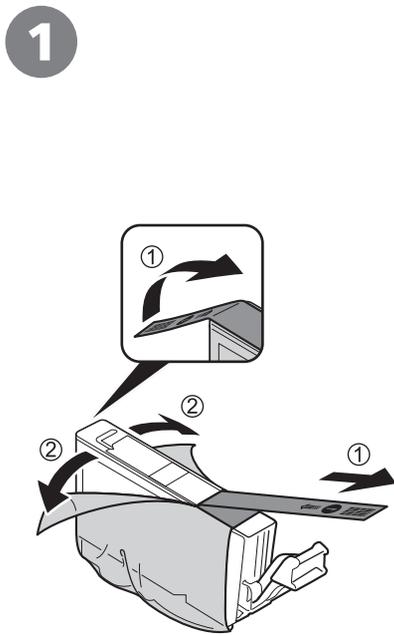
- ▶ Do not knock the Print Head against the sides of the holder.
- ▶ Install in a well-lit environment.

7



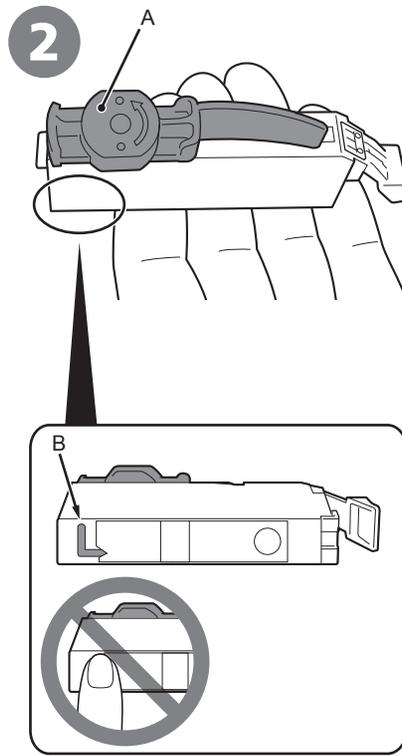
Hold the Print Head Lock Lever firmly and lower it completely.

- ▶ Once you have installed the Print Head, do not remove it unnecessarily.

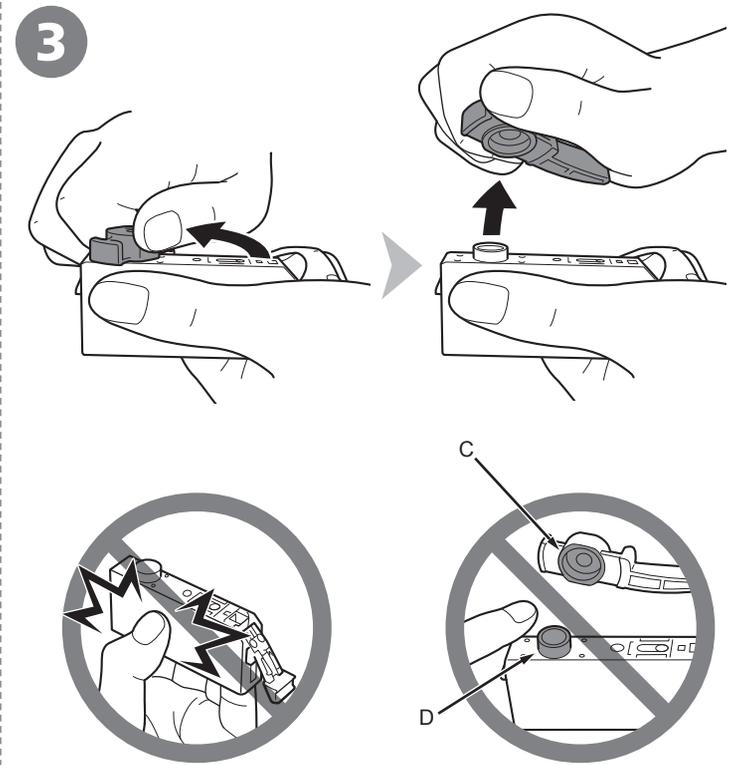


1. Remove the orange tape completely.
2. Remove the protective film completely.

- ▶ Handle the ink tanks carefully. Do not drop or apply excessive pressure to them.
- ▶ Be sure to use the supplied ink tanks.
- ▶ If the orange tape remains on the L-shape air hole, ink may splash or the machine may not print properly.
- ▶ If you push the sides of the ink tank with the L-shape air hole blocked, ink may splash.



Hold the ink tank with the orange protective cap (A) pointing up while being careful not to block the L-shape air hole (B).

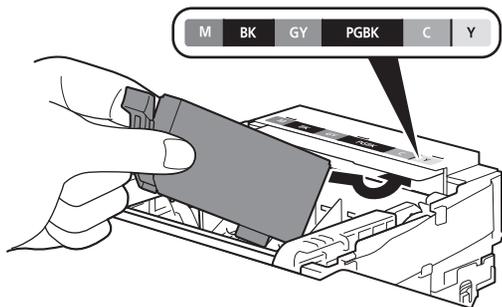


Hold the ink tank by its sides and slowly twist the orange protective cap 90 degrees horizontally to remove it off.

Do not push the sides of the ink tank.

- ▶ Do not touch the inside (C) of the orange protective cap or the open ink port (D). The ink may stain your hands if you touch them.

4

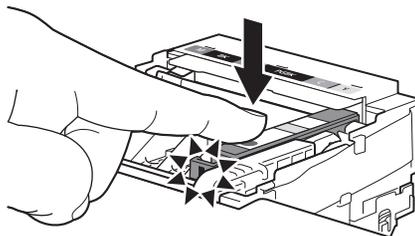


Tilt the ink tank, then insert it under the label and against the back end of the slot.

Make sure that the color of the label matches the ink tank.

- ▶ • Install in a well-lit environment.

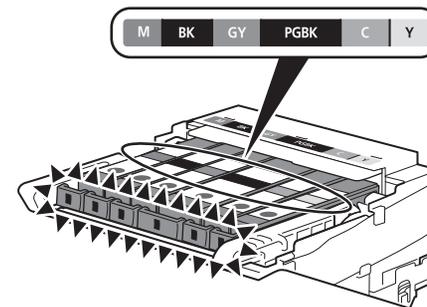
5



Press the **PUSH** mark on the ink tank firmly until it clicks.

When the installation is completed properly, the **Ink** lamp lights red.

6

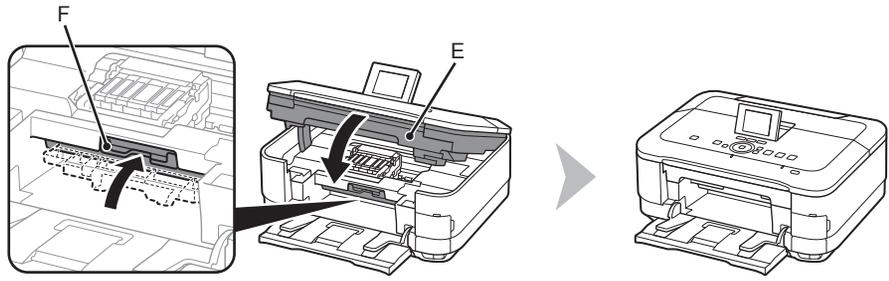


Install all the other ink tanks in the same way according to the color order indicated on the label.

Make sure all the **Ink** lamps light red.

- ▶ • Once you have installed the ink tanks, do not remove them unnecessarily.
- ▶ • If the Print Head Holder moves to the right, close and reopen the Scanning Unit (Cover).

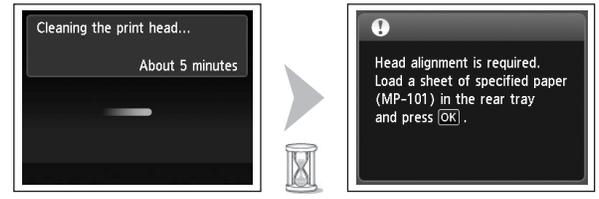
7



Close the Scanning Unit (Cover) (E).
 Make sure the Inner Cover (F) is closed.

▶ • For your safety, always close the Scanning Unit (Cover) with both hands.

8



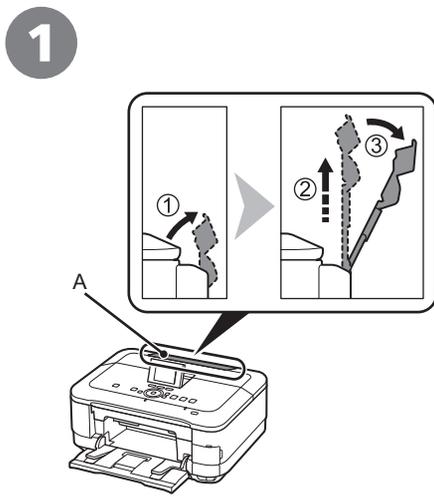
Make sure that the LCD changes as shown in the illustration and go to the next step.

Do not touch the **OK** button yet.

- ▶ • It takes about 5 minutes before the LCD changes.
- ▶ • The machine may make some operating noises when preparing to print. This is normal operation.

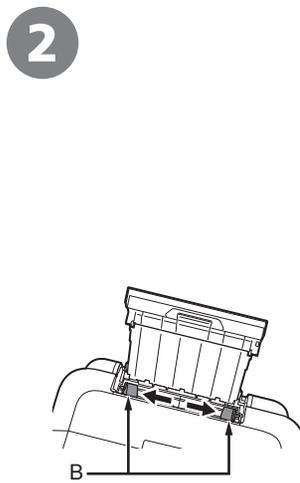
▶ • If an error message is displayed on the LCD, make sure that the Print Head and the ink tanks are correctly installed.

4 Align the Print Head

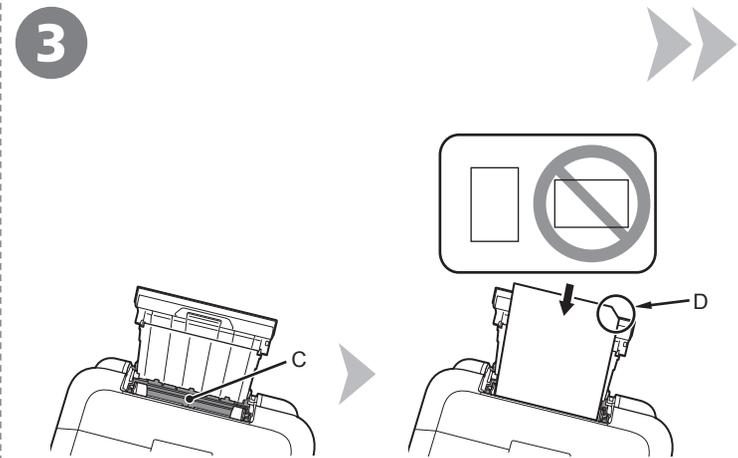


Prepare the Paper Support (A).

1. Open it.
2. Withdraw it upwards.
3. Tilt it back.



Move the Paper Guides (B) to both edges.

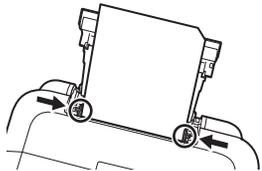


Load a sheet of supplied specialty paper (Matte Photo Paper MP-101) in the Rear Tray (C).

Load paper in portrait orientation so that the cut corner (D) is at the top right.

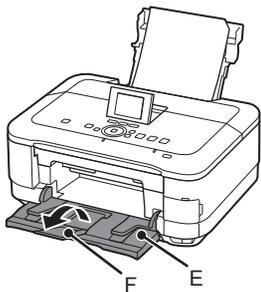
- ▶ • Be sure to use MP-101 for Print Head Alignment.

4



Slide the left and right Paper Guides against both edges of the paper.

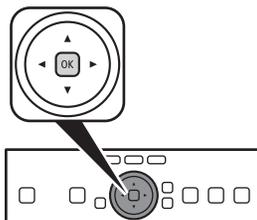
5



Make sure the Paper Output Tray (E) is open, then open the Output Tray Extension (F).

If printing starts while the Paper Output Tray is closed, it will automatically open.

6

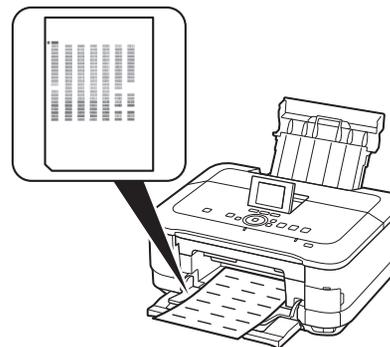


Touch the **OK** button. Print Head Alignment starts.



- Print Head Alignment takes about 4 minutes to complete.

7



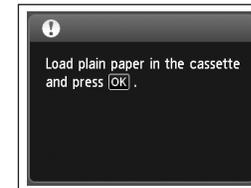
When the pattern is printed, remove the printed paper.

Print Head Alignment is now complete.



- When an error message is displayed on the LCD, touch the **OK** button to clear the error, then go to the next step. After the installation is complete, perform Print Head Alignment by referring to “When Printing Becomes Faint or Colors Are Incorrect” in the on-screen manual: **Basic Guide**.
- The pattern is printed in black and blue.

8

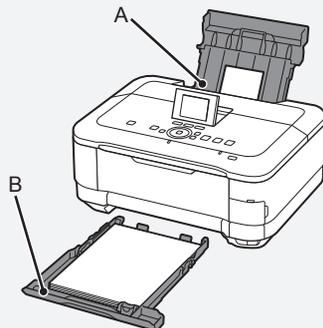


Confirm the above message, then go to the next step.

With the machine, the paper source varies depending on the media type.

Specialty paper including photo paper

Load paper in the Rear Tray (A).



Plain paper

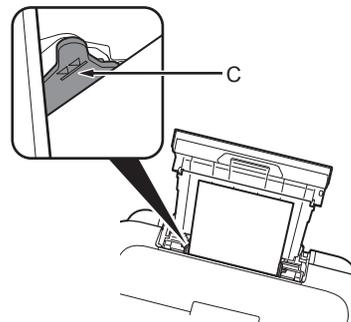
Load paper in the Cassette (B).



- For details on how to handle paper, refer to “Loading Paper” in the on-screen manual: **Basic Guide** after installation is complete.

- How to load specialty paper in the Rear Tray

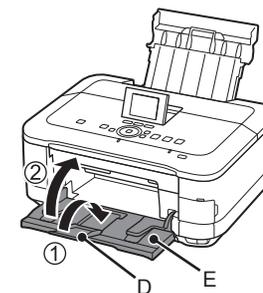
This section describes how to load plain paper in the Cassette. For details on how to load specialty paper in the Rear Tray, refer to ① to ④ in “4 Align the Print Head” on page 13.



Loading specialty paper

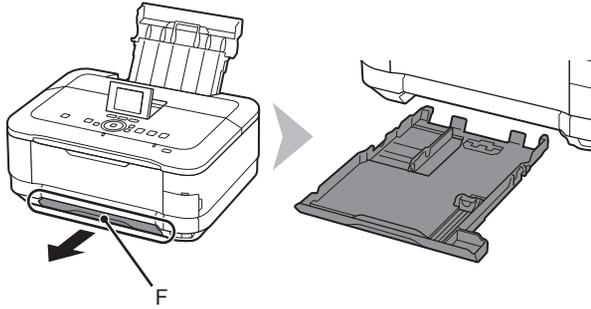
- Load paper in portrait orientation with the printing side facing up.
- Make sure that the height of the paper stack does not exceed the line (C).

1



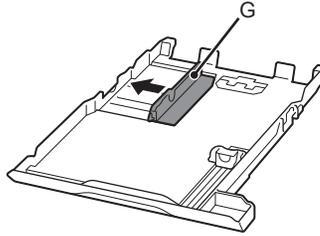
1. Close the Output Tray Extension (D).
2. Close the Paper Output Tray (E).

2



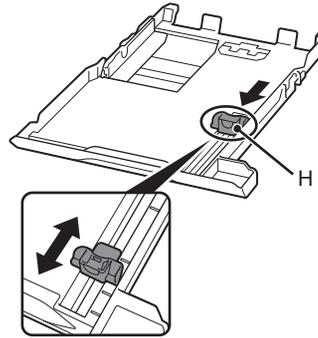
Pull out the Cassette (F).

3



Move the left Paper Guide (G) to the edge.

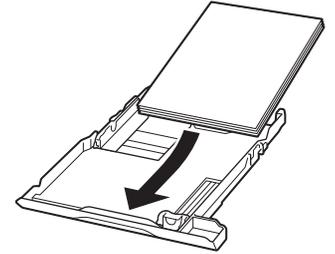
4



Slide the front Paper Guide (H) to align with the actual size of the paper.

The front Paper Guide will click and stop when it aligns with the corresponding mark of paper size.

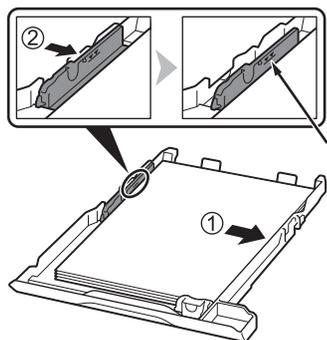
5



Load plain paper.

Load paper with the printing side facing down.

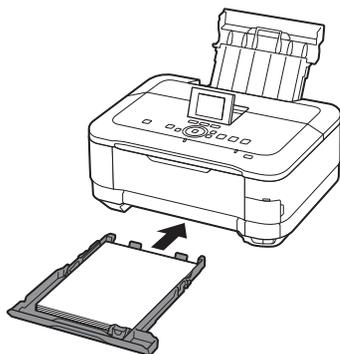
6



Align the paper to the right side of the Cassette (1), and slide the left Paper Guide completely against the left edge of the paper (2).

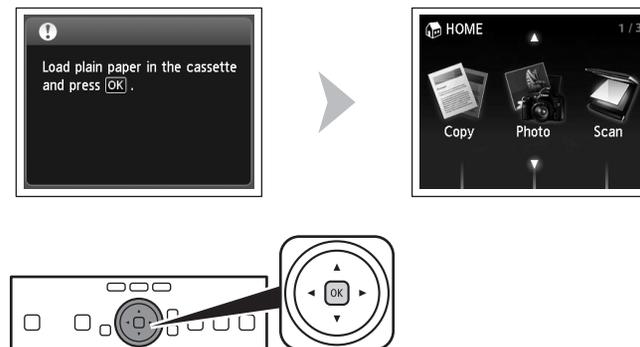
Make sure that the height of the paper stack does not exceed the line (1).

7



Insert the Cassette slowly into the machine until it clicks into place.

8



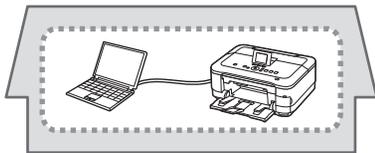
Confirm the message on the LCD, then touch the **OK** button.

The **HOME** screen appears.

-  The LCD will turn off if the machine is not operated for about 5 minutes. To restore the display, touch any button except the **ON** button.

Intended Use

- Want to connect to a computer with a USB cable.



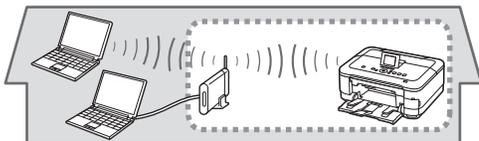
Connection Method

USB Connection



Go to "7 Install the Software (USB Connection)" on page 19.

- Want to connect to computers without using cables.
- Want to use from multiple computers.

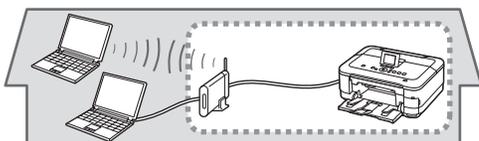


Wireless Connection



Go to "8 Wireless Setup" on page 24.

- Want to use from multiple computers.
- Want to connect to a computer with an Ethernet cable.



Wired Connection



Go to "9 Wired Setup" on page 32.

What is Network?

A system to exchange information between computers by connecting them to each other with cables or via wireless communication. The Internet and LAN are types of networks.

What is LAN (Local Area Network)?

A type of network that connects computers to each other within a limited area (room, building, etc.).

If it is uncertain whether your device (access point, router, etc.) supports wireless connection or wired connection, refer to the manual supplied with the device, or contact its manufacturer.

If Your Device Supports Wireless Connection

Check if it supports IEEE802.11b/g/n.

If Your Device Supports Wired Connection

Check if it supports simultaneous connection of multiple computers and network devices.

Do not connect the USB cable yet.



- To use the machine by connecting it to a computer, software including the drivers needs to be copied (installed) to the computer's hard disk. The installation process takes about 20 minutes. (The installation time varies depending on the computer environment or the number of application software to be installed.)

- ▶ • Quit all running applications before installation.
- Log on as the administrator (or a member of the Administrators group).
- Do not switch users during the installation process.
- Internet connection may be required during the installation. Connection fees may apply. Consult the internet service provider.
- It may be necessary to restart your computer during the installation process. Follow the on-screen instructions and do not remove the **Setup CD-ROM** during restarting.
The installation resumes once your computer has restarted.
- For the system requirements, refer to "13 Specifications".

Windows

- If you connect the machine via USB cable before installing the software:

For Windows 7

1. Remove the USB cable connected to your computer.
2. Proceed to ❶ on page 20.

For Windows Vista/Windows XP

This dialog box may appear.



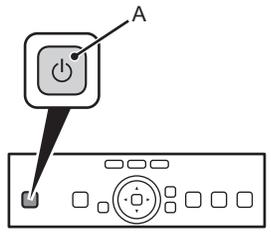
1. Remove the USB cable connected to your computer.
If the dialog box closes, proceed to ❶ on page 20.
2. Click **Cancel**.
3. Proceed to ❶ on page 20.

Windows

- Easy-WebPrint EX

Easy-WebPrint EX is Web print software that is installed on the computer when installing the supplied software. Internet Explorer 7 or later is required to use this software. An Internet connection is required for installation.

1

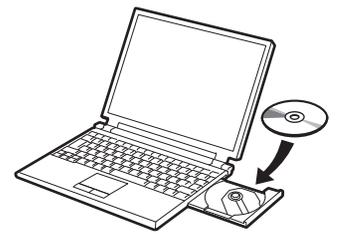


Press the **ON** button (A) to **TURN OFF THE MACHINE**.

Operating noise may continue for up to 40 seconds until the machine turns off.

- Do NOT connect the USB cable to the computer and the machine yet. If you have already connected the cable, disconnect it now.

2



Turn on the computer, then insert the **Setup CD-ROM** into the CD-ROM drive.

If you are using Windows, the setup program starts automatically.

For Windows

- If the program does not start automatically, double-click the CD-ROM icon in **Computer** or **My Computer**. When the CD-ROM contents appear, double-click **MSETUP4.EXE**.

Windows

3

Windows 7/Windows Vista

Windows XP → 4

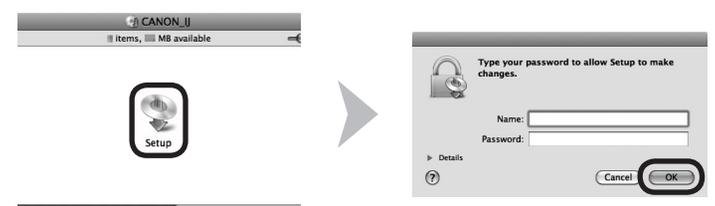


Click **Run Msetup4.exe** on the **AutoPlay** screen, then click **Yes** or **Continue** on the **User Account Control** dialog box.

If the **User Account Control** dialog box reappears in following steps, click **Yes** or **Continue**.

Macintosh

3



Double-click the **Setup** icon of the CD-ROM folder to proceed to the following screen. Enter your administrator name and password, then click **OK**.

If the CD-ROM folder does not open automatically, double-click the CD-ROM icon on the desktop.

If you do not know your administrator name or password, click the help button, then follow the on-screen instructions.

4

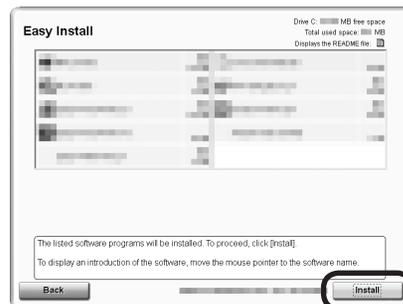


Click **Easy Install**.

The drivers, application software, and on-screen manuals are installed.

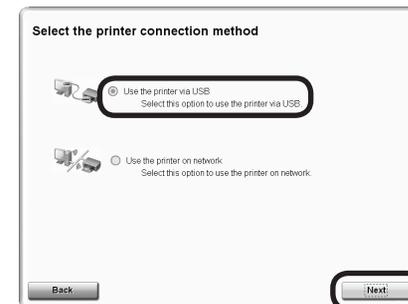
- If you want to select particular items to install, click **Custom Install**.

5



Click **Install**.

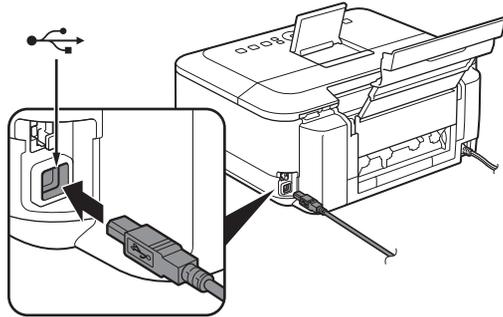
6



Select **Use the printer via USB**, then click **Next**.

Follow any on-screen instructions to proceed with the software installation.

□ USB Port

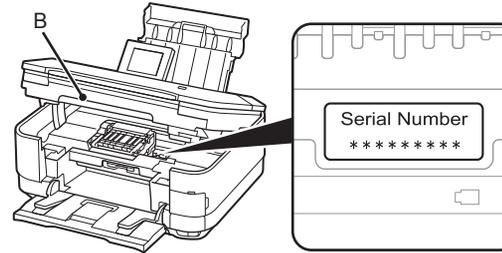


When the **Printer Connection** screen appears, connect the machine to the computer with a USB cable.

After connecting the cable, **TURN ON THE MACHINE.**

The USB Port is located on the right side at the back of the machine. The lower port is for USB.

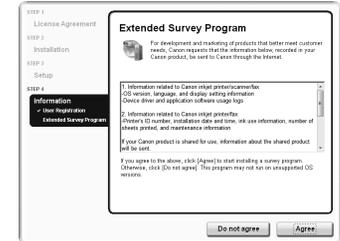
□ Necessary Information for the User Registration



When the serial number is not displayed on the registration screen automatically, input the serial number located inside the machine (as shown in the illustration).

- ▶ If the power is on, the Print Head Holder will move when the Scanning Unit (Cover) (B) is opened.

□ If the **Extended Survey Program** screen appears



If you can agree to Extended Survey Program, click **Agree**. If you click **Do not agree**, the Extended Survey Program will not be installed. (This has no effect on the machine's functionality.)

7



Click **Exit** to complete the installation.

For Macintosh

It is necessary to restart the computer before scanning using the Operation Panel on the machine for the first time.

8



For Windows

Solution Menu EX starts.

For Macintosh

Solution Menu EX starts when clicking **OK** in the **Canon Solution Menu EX** dialog.

Remove the **Setup CD-ROM** and keep it in a safe place.



- The buttons displayed on Solution Menu EX may vary depending on the country or region of purchase.

Congratulations! Setup is complete. Proceed to page 45 for information regarding the Solution Menu EX and the on-screen manual or page 46 to start using the machine.

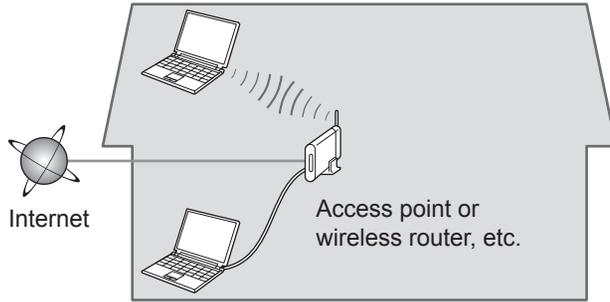
Windows

Installing the XPS Printer Driver

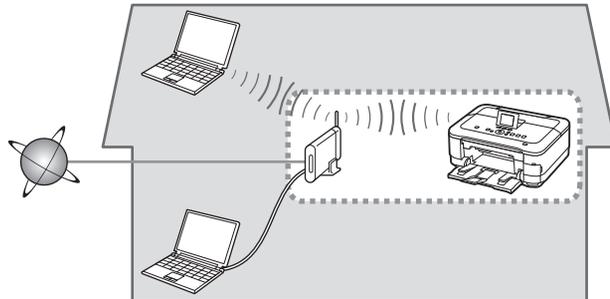
In Windows 7 and Windows Vista SP1 or later, the XPS Printer Driver can be installed additionally. To install, perform from ① in “7 Install the Software (USB Connection)” on page 20. Click **Custom Install** in ④, then select **XPS Printer Driver** in the **Custom Install** screen.

For details on useful functions of the XPS Printer Driver, refer to the on-screen manual: **Advanced Guide**.

Before connecting the machine to the network, make sure that the computer and access point or router is connected.



Add (connect) the machine to the network.



■ Notes on Wireless Connection

- The configuration, router functions, setup procedures and security settings of the network device vary depending on your system environment. For details, refer to your device's instruction manual or contact its manufacturer.
- In an office setup, consult your network administrator.
- If you connect to a network that is not protected with security measures, there is a risk of disclosing data such as your personal information to a third party.
- The machine cannot be used over a wireless and wired connection at the same time.
- If an error message appears or if you have trouble with the network connection, refer to the printed manual: **Network Setup Troubleshooting**.
- Place the machine and computer on the same network segment.



An "Ad-hoc connection," which establishes a direct connection to the computer over a wireless connection without using an access point, is not supported. Be sure to prepare an access point.

■ Check the Information for Wireless Connection

In most cases, “Easy Setup” will be used to connect the machine to your access point or router. Before you continue, you must gather the information below which will be required during the installation. For your convenience, you may record the information in the provided spaces and then proceed to page 26.



• For other connection methods, please refer to the information located at the bottom of this page.

For details on how to check the following information, refer to the manual of your access point or router, or contact its manufacturer.

Access Point Name/Network Name:

* Also referred to as SSID.
An identifier to identify the specific access point.

Network Key:

* Also referred to as encryption key, WEP key or WPA/WPA2 passphrase, Pre-Shared key.
A password required to set to prevent unauthorized access to communication.

You can retrieve your network key by using the Canon PIXMA Wireless Setup Assistant or the instructions which can be downloaded from the Canon support webpage (www.usa.canon.com/downloadlibrary).
If you are unable to retrieve the network key or other settings, refer to the manual of your access point or router, or contact its manufacturer.



If you choose one of these connection methods, skip the “Easy Setup” section and proceed the desired section (WPS (Wi-Fi Protected Setup) or WCN (Windows Connect Now)).

- If your access point or router supports WPS



The wireless connection can be setup without gathering the information on the above. Please refer to your access point or router manual to confirm if WPS is supported. If so, Go to “Wireless Setup Using WPS (Wi-Fi Protected Setup)” on page 28.

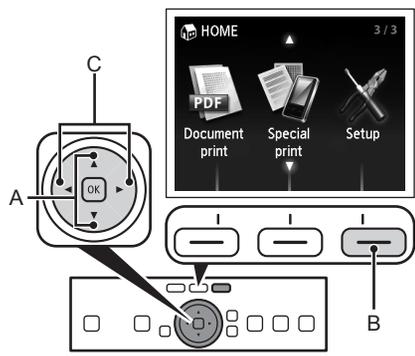


• For details on WPS, refer to the manual of your access point.

- If you are using Windows 7/Windows Vista and have a USB flash drive

You can configure wireless connection settings by using the WCN function as well. For details, refer to “Wireless Setup Using WCN (Windows Connect Now)” on page 31.

1



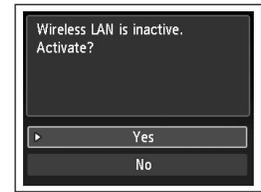
Use the ▲ or ▼ button (A) to display **Setup**, then touch the right **FUNCTION** button (B).

2



Use the ◀ or ▶ button (C) to select **Wireless LAN setup**, then touch the **OK** button.

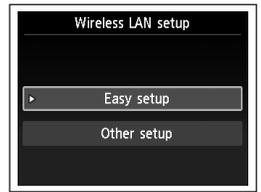
3



Select **Yes**, then touch the **OK** button.
When wireless connection is enabled, the **Wi-Fi** lamp (D) lights blue.

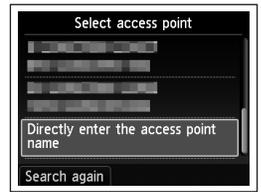


4



Select **Easy setup**, then touch the **OK** button.

5



Select the access point name you wrote down on page 25, then touch the **OK** button.

- If you are living in an apartment, nearby access points in use may be detected.
- The access point names with 2-byte characters are not displayed properly, however, can be selected.

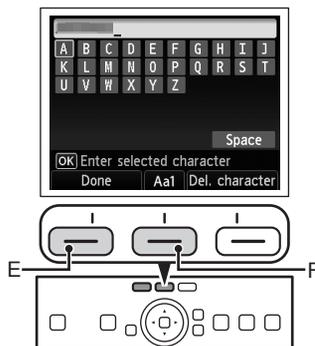
6



Make sure that one of the above screens is displayed, then touch the right **FUNCTION** button.

If the above screen is not displayed, go to 9.

7



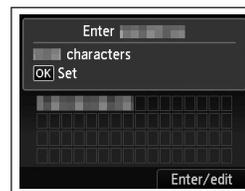
Enter the network key you wrote down on page 25, then touch the left **FUNCTION** button (E).

Touch the center **FUNCTION** button (F) to switch character entry modes.

- Enter upper and lower case letters of the alphabet correctly.

- For details on character entry, refer to the printed manual: **Network Setup Troubleshooting**.

8



Make sure that the network key is correct, then touch the **OK** button.

- If **Failed to connect to the access point.** appears, touch the **OK** button, make sure that the network key is correct, then enter it again. If a connection still cannot be established, refer to the printed manual: **Network Setup Troubleshooting**.

9

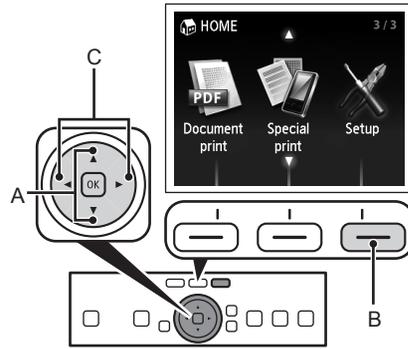


When the above screen appears, touch the **OK** button.

Next, read “10 Install the Software (Network Connection)” on page 35!

Read this section only when setting up a wireless connection by using the WPS (Wi-Fi Protected Setup).

1



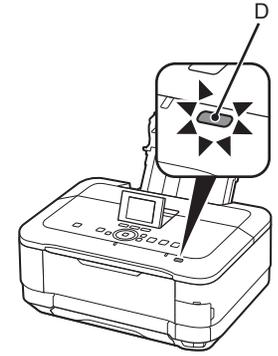
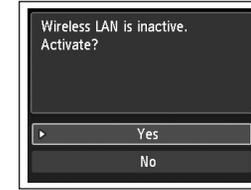
Use the ▲ or ▼ button (A) to display **Setup**, then touch the right **FUNCTION** button (B).

2

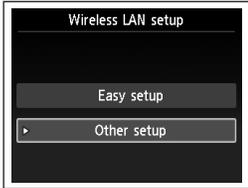


Use the ◀ or ▶ button (C) to select **Wireless LAN setup**, then touch the **OK** button.

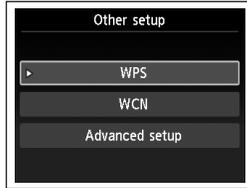
3



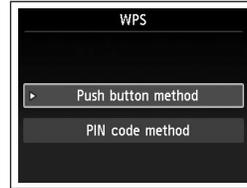
Select **Yes**, then touch the **OK** button. When wireless connection is enabled, the **Wi-Fi** lamp (D) lights blue.

4

Select **Other setup**, then touch the **OK** button.

5

Select **WPS**, then touch the **OK** button.

6

Select **Push button method**, then touch the **OK** button.

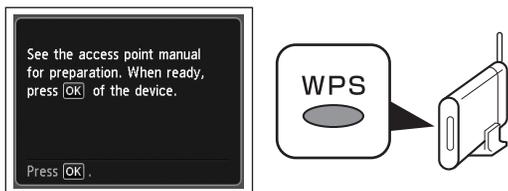
7

Touch the **OK** button.



- To use the PIN code method for setup, select **PIN code method** in **6**, then touch the **OK** button. Follow the on-screen instructions to operate the machine and access point. When the screen in **9** appears, touch the **OK** button.
If the setup is not completed within 10 minutes and the timeout error screen appears, touch the **OK** button to perform the setup again and set the new PIN code displayed on the screen to the access point. If the timeout error screen appears even though the setup has been completed within 10 minutes, select the method other than the PIN code method to perform the wireless LAN. If another error appears, refer to the printed manual: **Network Setup Troubleshooting**.

8



Press and hold the WPS button on the access point (for about 5 seconds), then touch the **OK** button on the machine within 2 minutes.

For details on the WPS button pressing, refer to the manual of your access point.

The **Wi-Fi** lamp (blue) flashes while searching for or connecting to an access point.

9



When the above screen appears, touch the **OK** button.

- ▶ If the timeout error screen appears, touch the **OK** button, then start over from 8.
- If another error appears, refer to the printed manual: **Network Setup Troubleshooting**.

Next, read “10 Install the Software (Network Connection)” on page 35!

Read this section only when setting up a wireless connection by using the WCN (Windows Connect Now) function of Windows 7/Windows Vista.

The machine supports “WCN-UFD”.

A Setup on the Computer

Windows 7

1. Click **Start > Control Panel > View network status and tasks > Manage wireless networks**.
2. Select the network name (SSID) and right-click it, then select **Properties**.
3. Select **Copy this network profile to a USB flash drive**.
Follow the on-screen instructions to complete the settings on the computer.
4. Go to **B**.

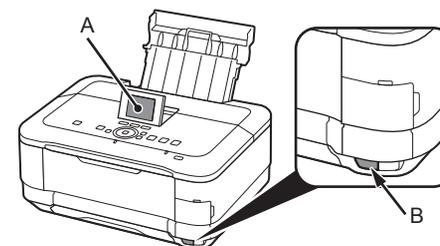
Windows Vista

1. From the **Start** menu of the Windows side, select **Network**, then click **Add a wireless device** on the menu.
2. Click **I want to add a wireless device or computer that is not on the list, using a USB flash drive**.
3. Click **Add the device or computer using a USB flash drive**.
4. Select the network name (SSID), then click **Next**.
Follow the on-screen instructions to complete the settings on the computer.
5. Go to **B**.

- Canon assumes no responsibility for any damage or loss of data stored on your USB flash drive regardless of the cause even within the warranty period.
- Operation may not be guaranteed depending on your USB flash drive. USB flash drives with security enabled may not be used.

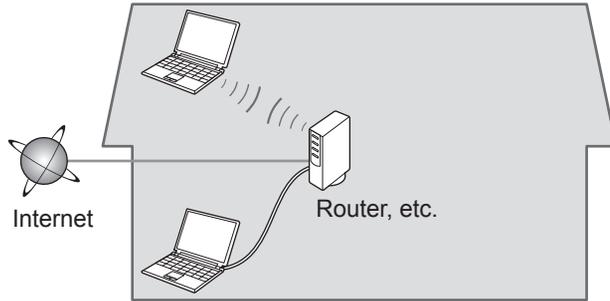
B Setup on the Machine

1. Select **Wireless LAN setup** of the **Setup menu** screen on the LCD (A), then touch the **OK** button.
2. Select **Other setup**, then touch the **OK** button.
3. Select **WCN**, then touch the **OK** button.
4. Connect the USB flash drive to the Direct Print Port (USB connector) (B) on the front right of the machine, then touch the **OK** button.
5. When **Wireless LAN settings completed** screen is displayed, touch the **OK** button and eject the USB flash drive.

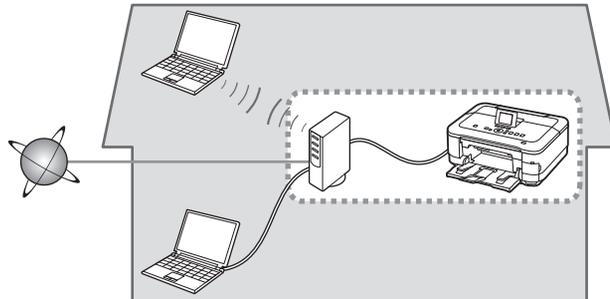


Next, read “10 Install the Software (Network Connection)” on page 35!

Before connecting the machine to the network, make sure that the computer and router is connected.

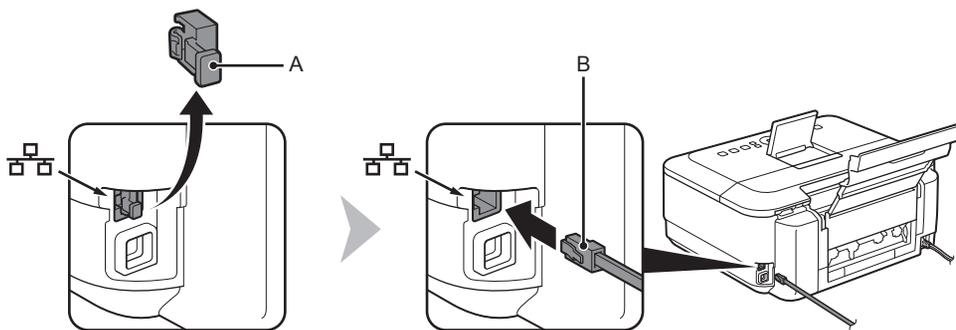


Add (connect) the machine to the network.

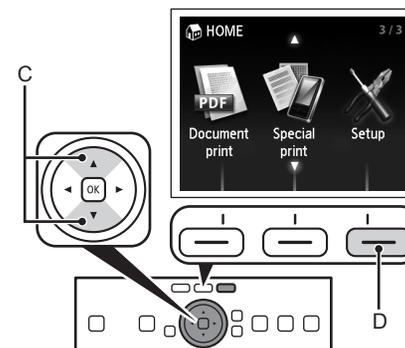


■ Notes on Wired Connection

- The configuration, router functions, setup procedures and security settings of the network device vary depending on your system environment. For details, refer to your device's instruction manual or contact its manufacturer.
- In an office setup, consult your network administrator.
- If you connect to a network that is not protected with security measures, there is a risk of disclosing data such as your personal information to a third party.
- The machine cannot be used over a wireless and wired connection at the same time.
- If an error message appears or if you have trouble with the network connection, refer to the printed manual: **Network Setup Troubleshooting**.

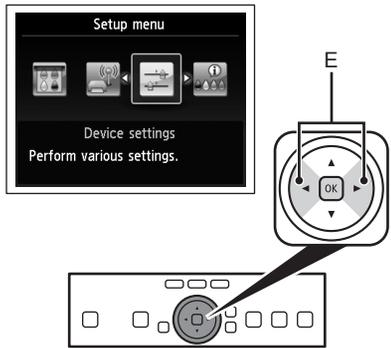
1

Remove the Cap (A), then connect a network device (router, etc.) with an Ethernet cable (B).

2

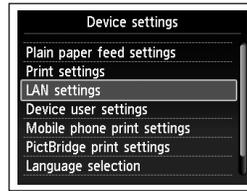
Use the ▲ or ▼ button (C) to display **Setup**, then touch the right **FUNCTION** button (D).

3



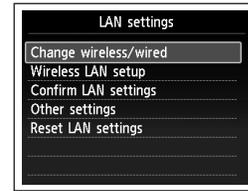
Use the ◀ or ▶ button (E) to select **Device settings**, then touch the **OK** button.

4



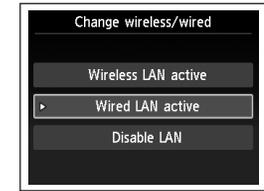
Select **LAN settings**, then touch the **OK** button.

5



Select **Change wireless/wired**, then touch the **OK** button.

6



Select **Wired LAN active**, touch the **OK** button.

Next, read "10 Install the Software (Network Connection)" on page 35!

Install the Software

- To use the machine by connecting it to a computer, software including the drivers needs to be copied (installed) to the computer's hard disk. The installation process takes about 20 minutes. (The installation time varies depending on the computer environment or the number of application software to be installed.)

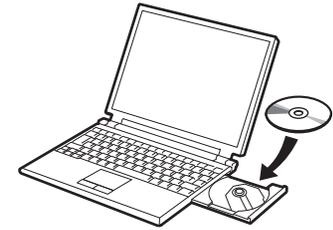
- ▶ • Quit all running applications before installation.
- Log on as the administrator (or a member of the Administrators group).
- Do not switch users during the installation process.
- Internet connection may be required during the installation. Connection fees may apply. Consult the internet service provider.
- It may be necessary to restart your computer during the installation process. Follow the on-screen instructions and do not remove the **Setup CD-ROM** during restarting. The installation resumes once your computer has restarted.
- If the firewall function of your security software is turned on, a warning message may appear that Canon software is attempting to access the network. If such a warning message appears, set the security software to always allow access.
- For the system requirements, refer to "13 Specifications".

Windows

- Easy-WebPrint EX

Easy-WebPrint EX is Web print software that is installed on the computer when installing the supplied software. Internet Explorer 7 or later is required to use this software. An Internet connection is required for installation.

1



Turn on the computer, then insert the **Setup CD-ROM** into the CD-ROM drive.

If you are using Windows, the setup program starts automatically.

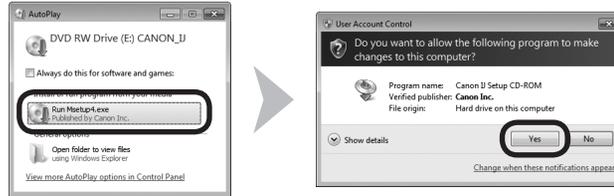
For Windows

- If the program does not start automatically, double-click the CD-ROM icon in **Computer** or **My Computer**. When the CD-ROM contents appear, double-click **MSETUP4.EXE**.

2

Windows 7/Windows Vista

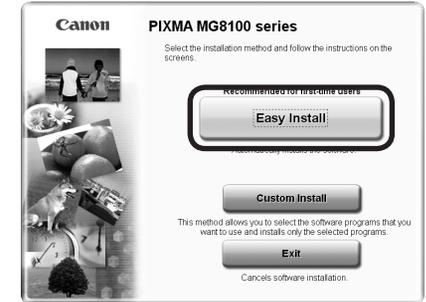
Windows XP → 3



Click **Run Msetup4.exe** on the **AutoPlay** screen, then click **Yes** or **Continue** on the **User Account Control** dialog box.

If the **User Account Control** dialog box reappears in following steps, click **Yes** or **Continue**.

3

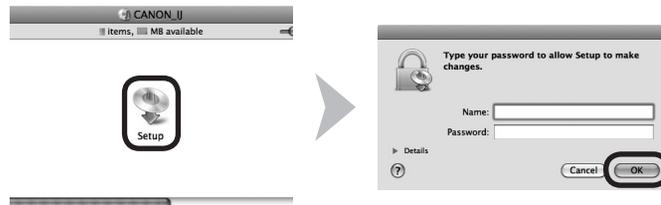


Click **Easy Install**.

The drivers, application software, and on-screen manuals are installed.

- If you want to select particular items to install, click **Custom Install**.

2



Double-click the **Setup** icon of the CD-ROM folder to proceed to the following screen. Enter your administrator name and password, then click **OK**.

If the CD-ROM folder does not open automatically, double-click the CD-ROM icon on the desktop.

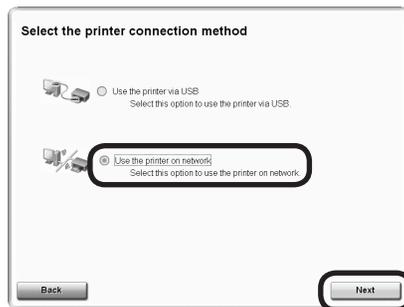
If you do not know your administrator name or password, click the help button, then follow the on-screen instructions.

4



Click **Install**.

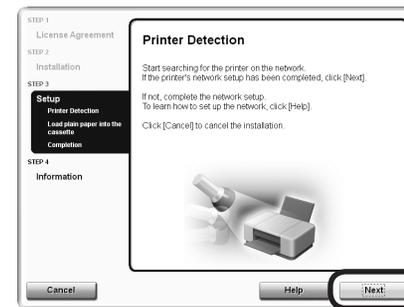
5



Select **Use the printer on network**, then click **Next**.

Follow any on-screen instructions to proceed with the software installation.

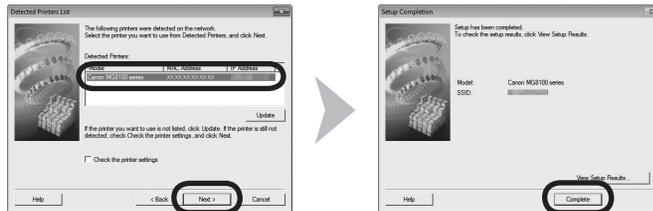
6



When the **Printer Detection** screen appears, click **Next**.

- ▶ If the **Printer Connection** screen appears instead of the screen above, the connection method is not correctly selected in 5.
 - **For Windows**
Click **Cancel** and start again from 4, then be sure to select **Use the printer on network** in 5.
 - **For Macintosh**
Follow on-screen instructions and proceed with the installation. Click **Exit** on the installation complete screen, then start again from 2 and be sure to select **Use the printer on network** in 5.

7



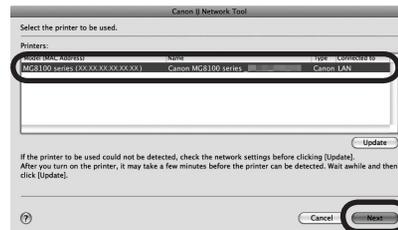
When the **Detected Printers List** dialog box appears, select **Canon MG8100 series**, then click **Next**.

When the **Setup Completion** dialog box appears, click **Complete**.

- If the machine is not detected, **Check Printer Settings** dialog box is displayed. Refer to the printed manual: **Network Setup Troubleshooting**. Make sure there is no problem, then click **Next** again on the screen in 6.

Next, read “Information” on page 42!

7



On the **Canon IJ Network Tool** screen, select **MG8100 series** in **Printers**, then click **Next**.

- If the machine is not detected, refer to the printed manual: **Network Setup Troubleshooting**. Make sure there is no problem, then click **Update**.

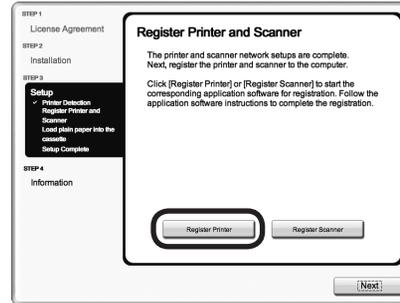
Next, read “Registration (Macintosh)” on page 39!

Macintosh

This section describes how to register the machine on a Macintosh computer.

Windows users: read “Information” on page 42.

1



When the **Register Printer and Scanner** screen appears, click **Register Printer**.

- Proceed to the section that relates to your operating system for further installation instructions.

Mac OS X



- The alphanumeric characters after **Canon MG8100 series** is the machine's Bonjour service name or MAC address.
- If the machine has not been detected, make sure of the following.
 - The machine is turned on.
 - The firewall function of any security software is turned off.
 - Wireless Connection: The computer is connected to the access point.
 - Wired Connection: The machine is connected to the network device with the Ethernet cable.

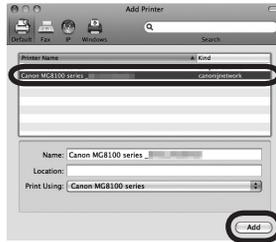
2

A

Mac OS X v.10.6.x/v.10.5.x

Mac OS X v.10.4.11 → 2 - B

1



Select **Canon MG8100 series canonijnetwork** and click **Add**.

➔ Go to **3** on page 41.

2

B

Mac OS X v.10.4.11

1



When the **Printer List** window appears, click **Add**.

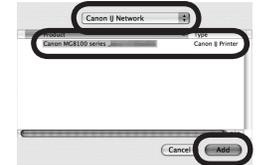
- When the **You have no printers available** screen appears, click **Add**.

2



Click **More Printers** in the **Printer Browser** window.

3



Select **Canon iPrintNetwork** in the pop-up menu, select **Canon MG8100 series** in the list of printers, then click **Add**.

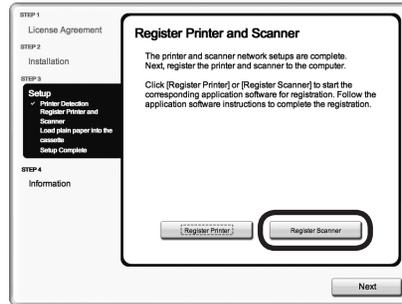
4



Make sure that **Canon MG8100 series** is added to the list of printers.

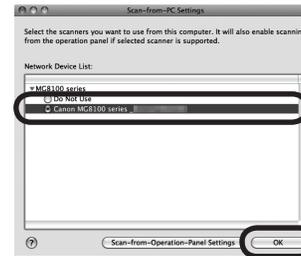
➔ Go to **3**.

3



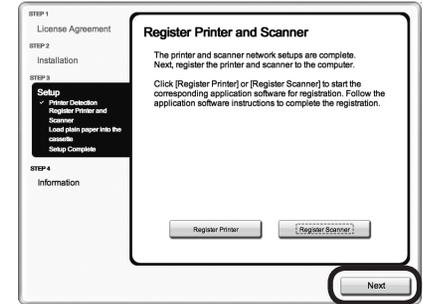
When the **Register Printer and Scanner** screen appears, click **Register Scanner**.

4



Select **Canon MG8100 series** on the **Scan-from-PC Settings** screen, then click **OK**.

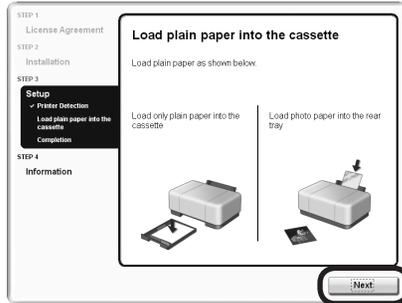
5



Click **Next** on the **Register Printer and Scanner** screen.

Next, read "Information" on page 42!

1

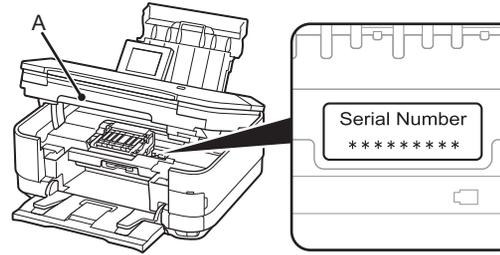


Click **Next**.

Follow any on-screen instructions to proceed with the software installation.

Important Information for the Installation

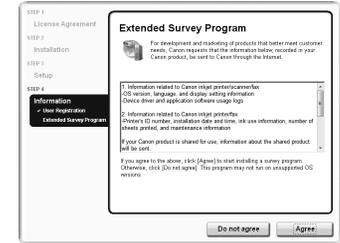
□ Necessary Information for the User Registration



When the serial number is not displayed on the registration screen automatically, input the serial number located inside the machine (as shown in the illustration).

- ▶ If the power is on, the Print Head Holder will move when the Scanning Unit (Cover) (A) is opened.

□ If the **Extended Survey Program** screen appears



If you can agree to Extended Survey Program, click **Agree**. If you click **Do not agree**, the Extended Survey Program will not be installed. (This has no effect on the machine's functionality.)

2



Click **Exit** to complete the installation.

For Macintosh

It is necessary to restart the computer before scanning using the Operation Panel on the machine for the first time.

3



For Windows

Solution Menu EX starts.

For Macintosh

Solution Menu EX starts when clicking **OK** in the **Canon Solution Menu EX** dialog.

Remove the **Setup CD-ROM** and keep it in a safe place.

-  The buttons displayed on Solution Menu EX may vary depending on the country or region of purchase.

Congratulations! Setup is complete.
Proceed to page 45 for information regarding the Solution Menu EX and the on-screen manual or page 46 to start using the machine.

Using the Machine from Additional Computers

Now that the wireless/wired connection of the machine is complete, it can be used from additional computers on the same network.

Install software including the drivers on the computer from which you want to use the machine. Other settings are not required.

To add computers from which to use the machine, go to “11 Use from Additional Computers” on page 44.

Windows

Installing the XPS Printer Driver

In Windows 7 and Windows Vista SP1 or later, the XPS Printer Driver can be installed additionally. To install, perform from ❶ in “10 Install the Software (Network Connection)” on page 35. Click **Custom Install** in ❷, then select **XPS Printer Driver** in the **Custom Install** screen.

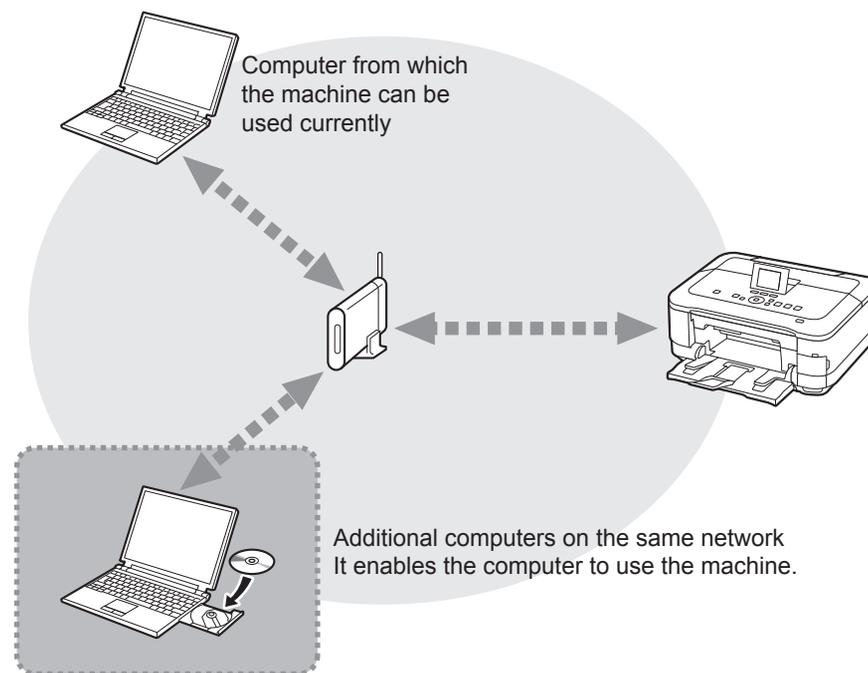
For details on useful functions of the XPS Printer Driver, refer to the on-screen manual: **Advanced Guide**.

If the machine is already connected to a wireless/wired connection, it can be used from additional computers on the same network.

To use from additional computers

- 1 Insert the **Setup CD-ROM** into the computer from which you want to use the machine.
- 2 Follow the on-screen instructions to install the software.

Other settings are not required.



For details on the software installation procedure, refer to "10 Install the Software (Network Connection)" on page 35.

Use the Operation Panel on the machine to print your own items easily. Various application software are installed on the computer along with the drivers. You can print creative items by correcting/enhancing photos using the application software.

For details on how to use the application software and the machine, refer to the on-screen manual.

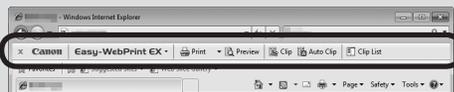


Windows

Easy-WebPrint EX

Use Easy-WebPrint EX to print web pages in Internet Explorer easily. Some of its features include:

- Printing a web page by reducing its size to fit the paper width automatically without cropping edges.
- Printing only the pages you want by selecting them from preview.
- Printing selected portions of various pages after editing them.



When Easy-WebPrint EX is installed, the Easy-WebPrint EX toolbar appears in Internet Explorer. This toolbar can be used any time while Internet Explorer is running.

For details on Easy-WebPrint EX, refer to the on-screen manual: **Basic Guide**.

Solution Menu EX

Solution Menu EX is a gateway to functions and information that allow you to make full use of the machine! For example,

- Open the on-screen manual.
- Open various application software.

How to open the on-screen manual



Click **Help & Settings**, then click this icon to open the on-screen manual.

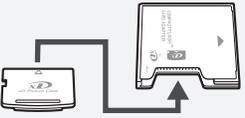
How to start Solution Menu EX



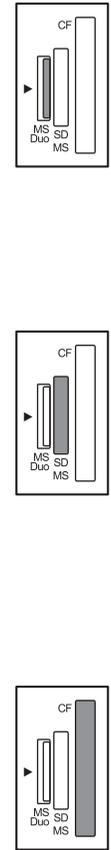
Click this icon on the desktop (Windows) or on the Dock (Macintosh) to start Solution Menu EX.

For details on Solution Menu EX, refer to the on-screen manual: **Basic Guide**.

Supported Memory Cards (Adapter required for ■.)

Memory Stick Duo Memory Stick PRO Duo	
Memory Stick Micro	
Memory Stick Memory Stick PRO	
SD Card SDHC Card MultiMediaCard MultiMediaCard Plus	
miniSD Card miniSDHC Card	
microSD Card microSDHC Card	
RS-MMC MMCmobile	
Compact Flash Card* Microdrive	
*TYPE I / TYPE II (3.3V)	
xD-Picture Card xD-Picture Card Type M xD-Picture Card Type H	

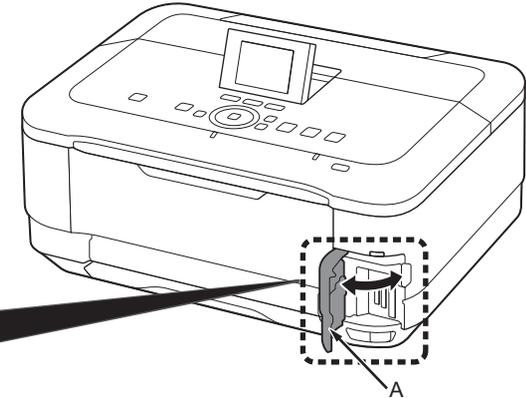
Corresponding Card Slot



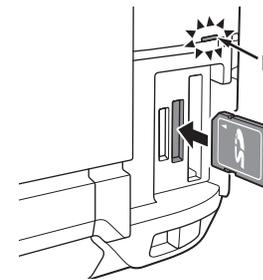
Card Slot Location

The Card Slot is located in the area indicated by the dotted line.

Open the Card Slot Cover (A).



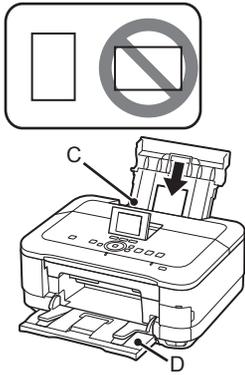
Inserting a Memory Card



- Insert a memory card with the labeled side facing left.
- Insert a memory card into the Card Slot in the direction of the arrow on the label, with the labeled side facing left.
- Insert only one memory card.
- The **Access lamp** (B) lights up when a memory card is inserted.

You can also print from USB flash drives. For details, refer to "Printing Photos" in the on-screen manual: **Basic Guide**.

1

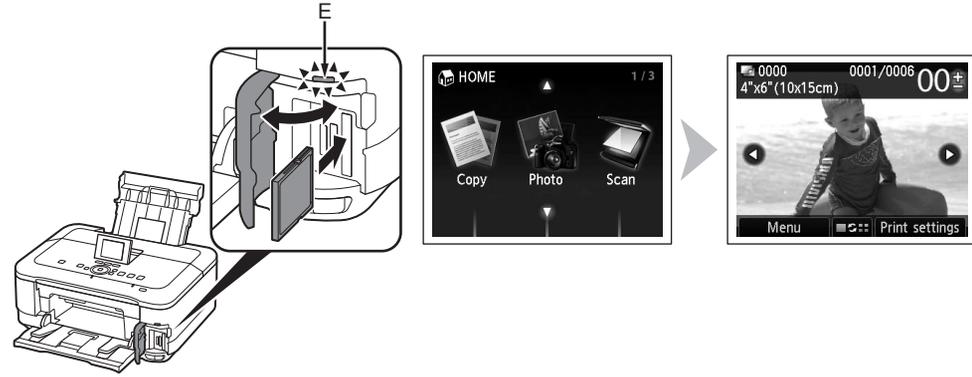


Load 4" x 6" (10 x 15 cm) photo paper in the Rear Tray (C) in portrait orientation with the printing side facing up.

Make sure that the Paper Output Tray (D) is open. If printing starts while the Paper Output Tray is closed, it will automatically open.

 • For details, refer to "5 Load Paper" on page 15.

2

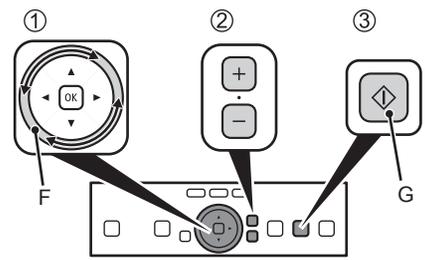


While the **HOME** screen appears, open the Card Slot Cover, insert a memory card into the Card Slot.

When inserting a memory card into the Card Slot, the photos on the memory card are read and the screen to specify photos and the number of copies to print appears.

Make sure that the **Access** lamp (E) has lit up, then close the Card Slot Cover.

3

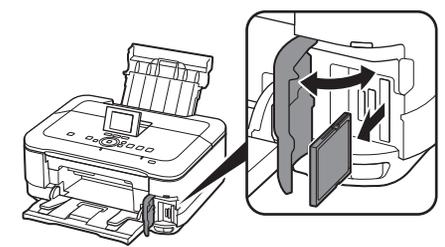


1. Trace along the Scroll Wheel (F) to display a photo to print.
2. Touch the [+] or [-] button to specify the number of copies.
3. Touch the **Color** button (G).

Printing will start.

 • When the machine is ready for printing, the **Color** button lights up.

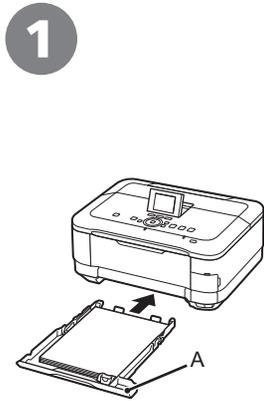
4



After printing, open the Card Slot Cover, pinch the memory card and pull it straight out. After removing the memory card, close the Card Slot Cover.

 • Do not remove the memory card while the **Access** lamp is flashing. Saved data may be damaged.

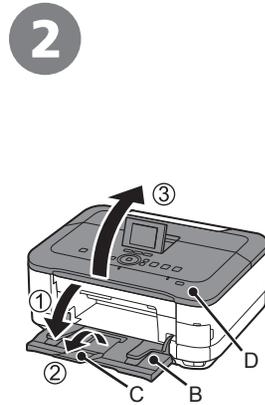
For more information on printing from a memory card, refer to "Printing Photos" in the on-screen manual: **Basic Guide**.



Load A4 or Letter-sized plain paper into the Cassette (A).

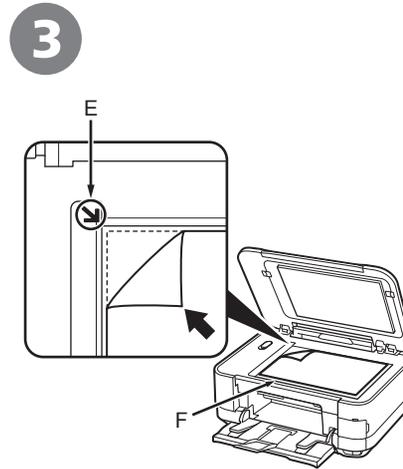
This section describes how to perform a standard copy.

- For details, refer to "5 Load Paper" on page 15.



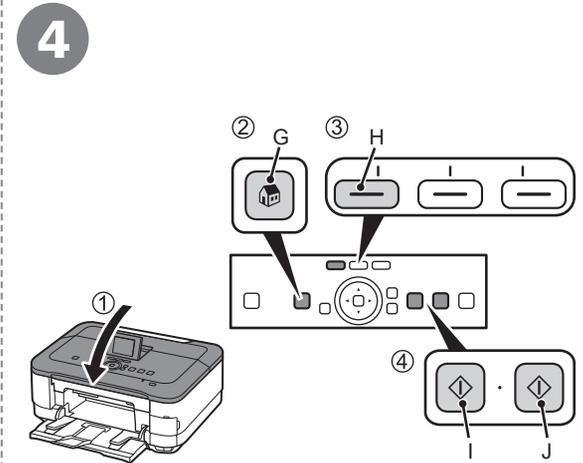
1. Open the Paper Output Tray (B).
2. Open the Output Tray Extension (C).
3. Open the Document Cover (D).

If printing starts while the Paper Output Tray is closed, it will automatically open.



Place the document face-down and align it with the Alignment Mark (E).

- Do not place objects weighing 4.4 lb / 2.0 kg or more on the Platen Glass (F), or do not apply pressure to the document by pressing on it with a force exceeding 4.4 lb / 2.0 kg. The scanner may malfunction or the glass may break.



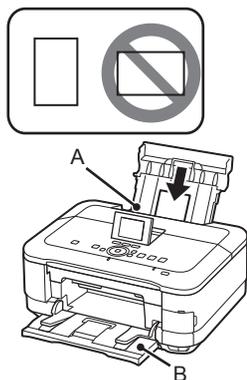
1. Close the Document Cover.
2. Touch the **HOME** button (G) to display **Copy** on the **HOME** screen.
3. Touch the left **FUNCTION** button (H).
4. Touch the **Black** button (I) or the **Color** button (J).

Copying will start. Do not open the Document Cover until copying is complete. Remove the document after printing.

- If **Copy** is not displayed on the **HOME** screen, use the ▲ or ▼ button to display **Copy**.
- When the machine is ready for copying, the **Black** button and **Color** button light up.

For the procedure to copy on paper other than plain paper, refer to "Copying" in the on-screen manual: **Advanced Guide**.

1



Load 4" x 6" (10 x 15 cm) photo paper in the Rear Tray (A) in portrait orientation with the printing side facing up.

Make sure that the Paper Output Tray (B) is open.

If printing starts while the Paper Output Tray is closed, it will automatically open.

This section explains how to print borderless photos using 4" x 6" (10 x 15 cm) Photo Paper Plus Glossy II.

 • For details, refer to "5 Load Paper" on page 15.

2



Start Solution Menu EX from the **Canon Solution Menu EX** icon on the desktop (Windows) or on the Dock (Macintosh), click **Photo Print**, then click **Photo Print** (C).

Easy-PhotoPrint EX starts.

 • For details on starting Solution Menu EX, refer to page 45.

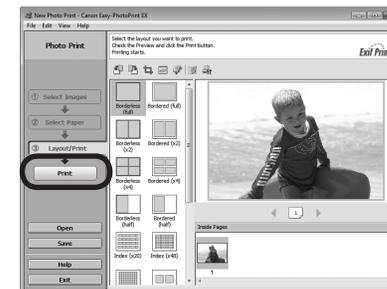
3



Select the image you want to print, then click **Layout/Print**.

When a photo is selected, the number of copies is set to "1".

4



Click **Print**.

If you are using Windows, printing will start.

If you are using Macintosh, click **Print** on the **Print** dialog box to start printing.

For more information, refer to the on-screen manual: **Advanced Guide**.

General Specifications
Printing resolution (dpi)
9600* (horizontal) X 2400 (vertical) * Ink droplets can be placed with a pitch of 1/9600 inch at minimum.
Interface
USB Port: Hi-Speed USB *1
Direct Print Port: PictBridge Bluetooth v2.0 (Option) *2 *3 *4 USB flash drive
Infrared Port: IrDA IR *5
LAN Port: Wired LAN: 100BASE-TX/10BASE-T Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b *6
*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 Maximum speed: 1.44 Mbps
*3 JPEG/PNG only
*4 Bluetooth connection is for printing only.
*5 Maximum speed: 4 Mbps Operating range: within 20 cm
*6 Setup possible through Easy setup, WPS (Wi-Fi Protected Setup) or WCN (Windows Connect Now).
Print width
8 inches/203.2 mm (for Borderless Printing: 8.5 inches/216 mm)
Operating environment
Temperature: 5 to 35°C (41 to 95°F) Humidity: 10 to 90% RH (no condensation)
Storage environment
Temperature: 0 to 40°C (32 to 104°F) Humidity: 5 to 95% RH (no condensation)
Power supply
AC 100-240 V, 50/60 Hz
Power consumption
Printing (Copy): Approx. 24W Standby (minimum): Approx. 2.0W* OFF: Approx. 0.5W* * USB connection to PC
External dimensions
Approx. 18.5 (W) X 15.5 (D) X 7.9 (H) inches Approx. 470 (W) X 392 (D) X 199 (H) mm * With the Paper Support and Paper Output Tray retracted.
Weight
Approx. 10.7 kg (Approx. 23.6 lb) * With the Print Head and ink tanks installed.
Print Head/Ink
Total 6144 nozzles (PGBK 512 nozzles, Y/DyeBK each 512 nozzles, C/M/GY each 1536 nozzles)

Copy Specifications
Multiple copy
max. 99 pages
Intensity adjustment
9 positions, Auto intensity (AE copy)
Reduction/Enlargement
25% - 400% (1% unit)
Scan Specifications
Scanner driver
TWAIN/WIA (for Windows 7/Windows Vista/Windows XP)
Maximum scanning size
A4/Letter, 8.5" X 11.7" /216 X 297 mm
Scanning resolution
Optical resolution (horizontal X vertical) max: 4800 dpi X 4800 dpi (Film Scan: 4800 dpi X 9600 dpi) Interpolated resolution max: 19200 dpi X 19200 dpi
Gradation (Input/Output)
Gray: 48 bit/8 bit (Film Scan: 48 bit/16 bit or 8 bit)
Color: 48 bit/24 bit (RGB each 16 bit/8 bit) (Film scan: 48 bit/48 bit or 24 bit)
Network Specifications
Communication protocol
TCP/IP
Wired LAN
Supported Standards: IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T) Transfer speed: 10 M/100 Mbps (auto switching)
Wireless LAN
Supported Standards: IEEE802.11n/IEEE802.11g/IEEE802.11b Frequency bandwidth: 2.4GHz Channel: 1-11 or 1-13 * Frequency bandwidth and available channels differ depending on country or region. Transfer speed (Standard value): IEEE802.11n: max. 150 Mbps IEEE802.11g: max. 54 Mbps IEEE802.11b: max. 11 Mbps Communication distance: indoors 50 m * Effective range varies depending on the installation environment and location.
Security: WEP (64/128 bits) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
Setup: WCN (WCN-UFD/WCN-NET) WPS (Push button configuration/PIN code method) Other Features: Administration password

Specifications are subject to change without notice.

About Consumables
Consumables (ink tanks / FINE Cartridges) are available for 5 years after production has stopped.

Minimum System Requirements	
☑ Conform to the operating system's requirements when higher than those given here.	
	
Operating System/Processor/RAM	
Windows 7 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor 1 GB (32-bit)/2 GB (64-bit)	Mac OS X v.10.6 Intel processor 1 GB
Windows Vista, Vista SP1, Vista SP2 1 GHz processor 512 MB	Mac OS X v.10.5 Intel processor, PowerPC G5, PowerPC G4 (867 MHz or faster)
Windows XP SP2, SP3 300 MHz processor 128 MB	Mac OS X v.10.4.11 Intel processor, PowerPC G5, PowerPC G4, PowerPC G3 256 MB
Browser	
Internet Explorer 6 or later	Safari 3
Hard Disk Space	
1.5 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.	1.5 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
CD-ROM Drive	
Required	Required
Display	
SVGA 800 x 600	XGA 1024 x 768
<ul style="list-style-type: none"> • Easy-PhotoPrint Pro is a software plug-in for Canon Digital Photo Professional Ver. 2.1 or later, Adobe Photoshop CS4, CS3, CS2, CS and Adobe Photoshop Elements 6, 7*, and 8. * Windows only. • Windows: Operation can only be guaranteed on a PC with Windows 7, Windows Vista or Windows XP pre-installed. • Windows: Uninstall software bundled with the Canon inkjet printer before upgrading from Windows Vista to Windows 7, then, install the bundled software again. • Some functions may not be available with Windows Media Center. • Macintosh: Hard Disk must be formatted as Mac OS Extended (Journaled) or Mac OS Extended. • Macintosh: After upgrading from Mac OS X v.10.5 or lower to Mac OS X v.10.6, install software bundled with the Canon inkjet printer. • Internet Explorer 7 or later is required to install Easy-WebPrint EX. For Windows use only. 	

Getting Help from Canon

Email Tech Support — www.canontechsupport.com

Please note, from there you will need to select your product, then click on the “Support by Email” link under Tech Support.

Toll-Free Tech Support— 1-800-OK-CANON

This option provides live telephone technical support, free of service charges, Monday-Friday (excluding holidays), **during the warranty period**.

Telephone Device for the Deaf (TDD) support is available at 1-866-251-3752.

Ordering Information

The following ink tanks are compatible with this machine.



Order

CLI-226M	4548B001
CLI-226BK	4546B001
CLI-226GY	4550B001
PGI-225PGBK	4530B001
CLI-226C	4547B001
CLI-226Y	4549B001

Call 1-800-OK-CANON to locate a dealer near you, or visit the Canon online store at www.shop.usa.canon.com

CANON U.S.A. INC.

One Canon Plaza, Lake Success, NY 11042 U.S.A.

www.usa.canon.com

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- Windows Vista is a trademark or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
- Internet Explorer is a trademark or registered trademark of Microsoft Corporation in the U.S. and/or other countries.
- Macintosh, Mac, and AirPort are trademarks of Apple Inc., registered in the U.S. and other countries.
- Bonjour is a trademark of Apple Inc., registered in the U.S. and other countries.