Canon imageprocraf iPF750/iPF755 iPF650/iPF655

Setup Guide

ENG

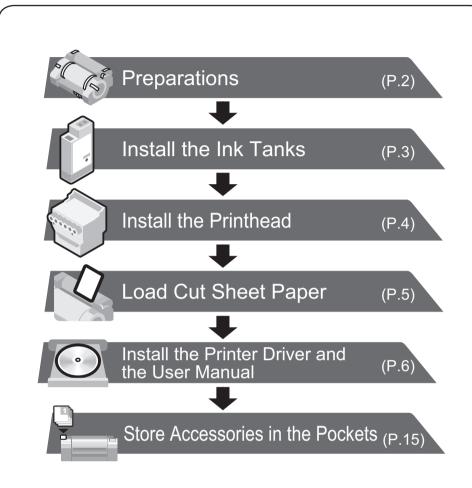
Read this manual before attempting to operate the printer. Keep this manual in a handy location for future reference.

• Instructions in this Setup Guide show the iPF755 printer. Note that your printer may look different from these illustrations in some cases. However, basic operations are the same.

Introduction

Overview of Setup

These are the steps in printer installation.



Details for each step are given in this Setup Guide. Simply follow the instructions

If an error message is displayed during setup or other problems occur, refer to "Responding to Messages".

Printer Documentation

After installing the printer as shown in this Setup Guide, refer to the documentation for instructions on operation and maintenance.

Daily operation

The Basic Guide includes three booklets containing the following information:

- 1 Instructions on basic operation
- 2 Troubleshooting tips and maintenance procedures
- 3 Preparations for transferring the printer, and instructions for reinstalling the printer driver

Detailed instructions

The **User Manuals CD-ROM** (User Manual) includes the following information:

- Printer operating instructions
- Printer driver instructions
- Printing instructions
- Maintenance procedures
- Instructions for network printing
- Troubleshooting tips
- Printer menu descriptions
- Printer driver function details
- Specifications, details on consumables and optional accessories, and other information

Supported paper

The Paper Reference Guide provides information about paper.

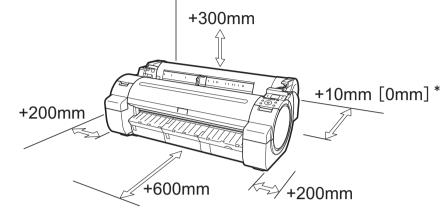


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You can access the User Manual and Paper Reference Guide as follows:

- In Windows, double-click the iPFxxxx Support desktop icon. (iPFxxxx represents the printer model.)
- In Mac OS X, click iPF Support, added to the Dock.

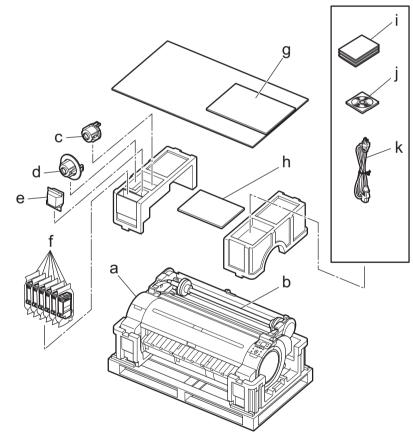
Space Required for Installation



*Values enclosed in [] are for when the stand is attached.

Printer		Installation space (W x D x H mm)
iPF650/iPF655	Printer alone	1397 × 1308 × 807
	With stand attached	1397 × 1470 × 1362
iPF750/iPF755	Printer and stand	1704 × 1470 × 1362

Package Contents



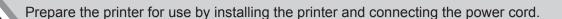
- a. Printer
- b. Roll holder: Already attached to printer
- c. 3-inch paper core attachment R
- d. 3-inch paper core attachment L
- e. Printhead
- f. Starter ink tanks: Bk, MBk (x 2), C, M, Y
- g. Sample paper
- h. Setup Guide (this document)
- Set of printer documentation
- j. Set of CD-ROMs
- k. Power cord



- Some items are included with the printer but not described in this manual. Keep these items in a safe place after setup because they are used in various printing applications.
- For instructions on using items not described in this manual, refer to the User Manual.
- A cable to connect the printer to a computer is not provided with the printer.
- Canon, the Canon logo, and imagePROGRAF are trademarks or registered trademarks of CANON
- Microsoft and Windows are trademarks of Microsoft Corporation, registered in the U.S. and other countries.
- · Macintosh is a trademark of Apple Inc., registered in the U.S. and other countries.
- All other trademarks or registered trademarks described in this Setup Guide are the property of their respective owners



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Preparations

Install the printer. You can use the following two methods for installing the printer.

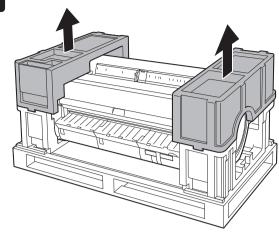
· Install with a stand

Assemble the stand and install the printer referring to the **Printer Stand Setup Guide** included with the stand. After installation, proceed to step 4.

· Install without a stand on a table

Proceed to step 2.

 Stands may be standard or optional depending upon your model and location. iPF750/iPF755: Standard iPF650/iPF655: Optional (equipped as standard in some locations) Remove the packing materials from the top of the printer.

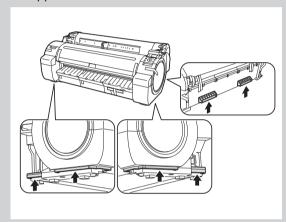


Three people should hold the printer's carrying handles and place the printer on a table or other flat location.

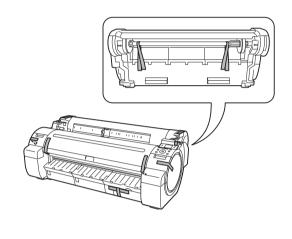
• The iPF750/iPF755 weighs approximately 52 kg and the iPF650/iPF655 approximately 43 kg by themselves. Moving the printer requires at least three people. Be careful



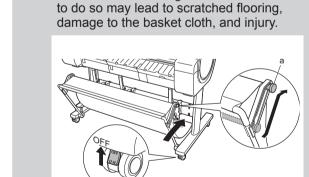
 When moving the printer, firmly grasp the carrying handles. Holding the printer at other positions is dangerous, and may cause injury and damage if the printer is dropped.



Remove the orange tape used to secure the roll holder to the printer.



Move the printer to the location where you will use it.

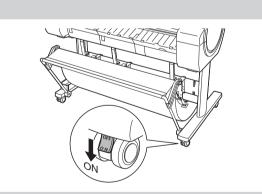


▲ • When moving the stand, lift the support rod

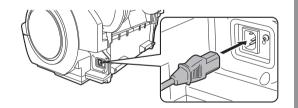
to the position (a) before closing the output

stacker and unlocking the 4 casters. Failure

• After you have moved the stand, be sure to lock the 4 casters.



Plug the power cord into the power supply connector on the right of the printer and plug the other end into the outlet.

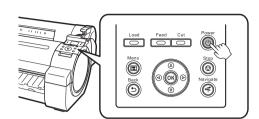


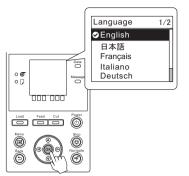


Press the power button to turn on the printer.

When the following screen appears, use the ▲ and ▼ keys to select a language and press **OK**.

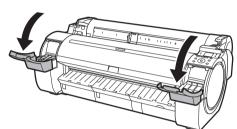
Select your local time zone and press **OK**.



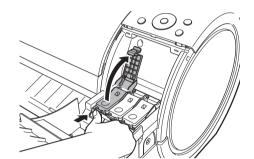




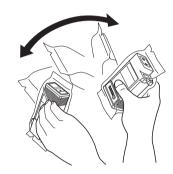
Instructions on ink tank installation are shown on the display screen. As instructed, grab the handle on the ink tank cover to open it.



While pressing the stopper of the ink tank lock lever inwards, open the ink tank lock lever upwards.

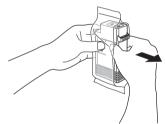


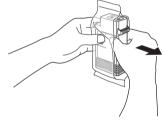
Shake the ink tanks gently 1 to 2 times before opening the pouch.



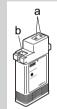
• Failure to shake ink tanks may result in reduced print quality because ink ingredients have settled on the bottom of the tank.

Open the pouch and remove the ink tank.



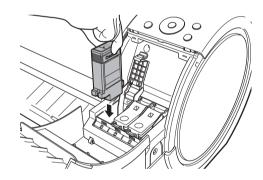


• Never touch the ink holes (a) or metal contacts (b). Touching these parts may cause stains, damage the ink tank, and affect print quality.



- Avoid dropping the ink tank after removing it from the pouch.Otherwise, ink may leak and cause stains.
- Do not remove and shake ink tanks that have already been installed in the printer because ink may leak out.

Insert the ink tank into the holder facing as shown, with the ink holes down.



• If the ink tank does not fit in the holder, make sure the color of the ink tank lock lever matches the color of the ink tank, and check the orientation of the ink tank.

Close the ink tank lock lever until it clicks into place. Make sure the ink lamp is lit in red.



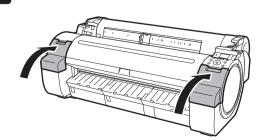
• If the ink lamp is not lit, repeat steps 5, 8, Important and 9.



Repeat steps 5 to 9 to install all of the ink



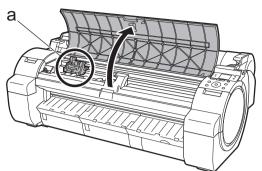
Close the ink tank cover.





Install the Printhead

Open Upper Cover is shown on the display screen. As instructed, open the top cover.



Instructions on printhead replacement are shown on the display screen.

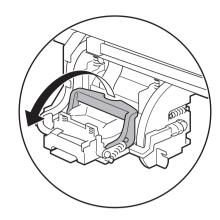
• When installing the printhead, do not move the carriage (a) from the position shown in the figure.

If you move the carriage (a), a warning noise sounds and the printhead cannot be installed.

If you have moved the carriage (a), close the top cover. The carriage (a) moves to the position shown in the figure.

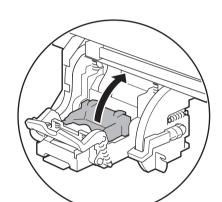
2

Pull the printhead fixer lever forward all the way to open it completely.



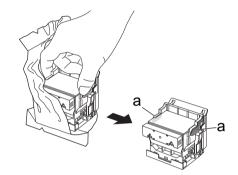
3 Lift the fully.

Lift the printhead fixer cover to open it fully.

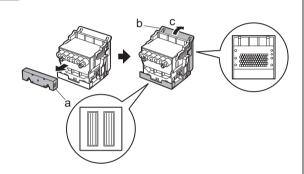


Ho rer

Hold the printhead by the grips (a) as you remove it from the pouch.



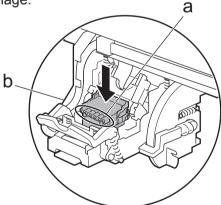
Remove the orange protective part (a). To remove orange protective part (b), push the grip (c) as you remove the part.



• Never touch the parts covered by the protective part. This may damage the printhead and affect printing quality.

- The printhead contains ink, so be careful not to spill it once the protective part is removed.
- Do not reattach the protective part after removing it. Dispose of these materials according to local regulations.

Insert the printhead into the carriage (b) with the ink holes (a) facing away from the printer as shown in the figure. Carefully push the printhead firmly into the carriage (b), ensuring that the part covered by the protective part does not touch the carriage.

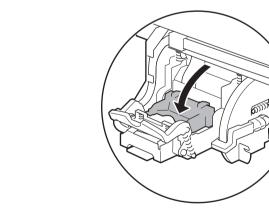


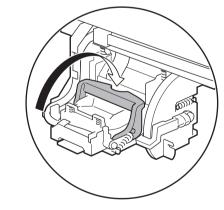
7

Pull the printhead fixer cover down toward the front to lock the printhead in place.



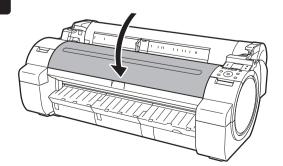
Push the printhead fixer lever all the way back.

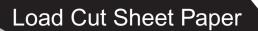




9

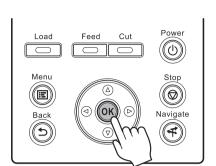
Close the top cover.





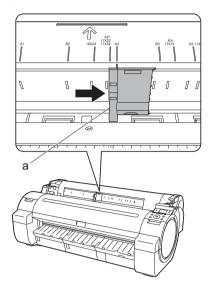
Load paper for adjusting the printhead into the printer. Follow these steps to load cut sheet paper into the printer. The sample paper provided is used in this example.

Select type of paper for printhead adj. is shown on the display screen. Check that Cut Sheet is selected and press OK.



Instructions on loading cut sheets are shown on the display screen.

Slide the width guide (a) and align it with the mark for the size of paper to be loaded. In this example, align the width guide with A2 to align it with the size of the sample paper.

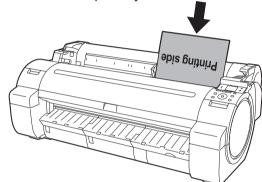


Prepare one sheet of paper.
Refer to the packaging for the paper to check which side is the printable surface.

• Return unused paper to the pouch it came in, and store it away from heat, humidity and direct sunlight.

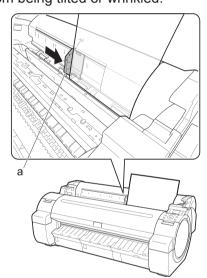
Load paper with the printable surface face up.

Insert the paper until its leading edge touches a stop and you hear a tone.

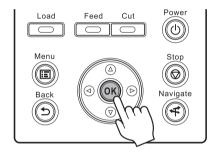


• Only one sheet can be loaded in the printer. Do not load two or more sheets. Doing so might cause a paper jam.

 Wrinkled or warped paper might cause paper jams. Be sure to flatten the paper out before loading it. Adjust the position of the width guide (a) to the size of the paper to be loaded. Make sure the width guide fits properly against the edge of the paper to prevent it from being tilted or wrinkled.

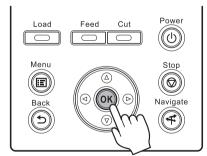


A message confirming paper advance is shown on the display screen. Press **OK**.



The screen for selecting the paper type is shown on the display screen. Press ▲ or ▼ to select the type of paper loaded in the printer.

Select **Coated Paper** and press **OK**. Then from the menu that appears, select **Coated Paper** and press **OK**.



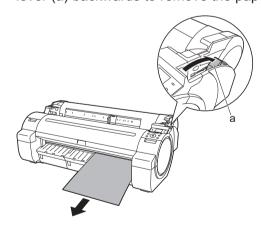
The paper is advanced.

When paper advance ends, the system is automatically filled with ink for the first time and printhead adjustment is started. It takes a total of about 20 minutes. Make use of this time by referring to "Install the Printer Driver and the User Manual" on page 6 to install the printer driver and the User Manual on your PC.

During printer installation, ink fills the system between the ink tanks and printhead. In addition, printheads are cleaned to keep the printer in optimal condition. This may cause the maintenance cartridge capacity indicator to drop to about 80%, but this is not a problem with the printer.

When printhead adjustment ends, paper is printed with an adjustment pattern and is ejected.

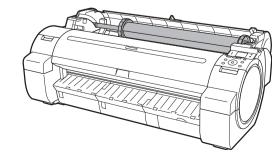
While holding the paper, press the release lever (a) backwards to remove the paper.



Pull the release lever forward.

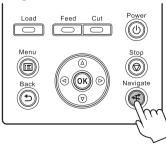
Printer setup is now complete.

• For how to load roll paper, refer to the **Basic Guide** (1), to the **User Manual** installed at "Install the Printer Driver and the User Manual", or to the instructions displayed by the navigation function of the control panel.



Follow the procedure below to display the navigation on how to load roll paper.

1.Press Navigate.



2.Use the ▲ and ▼ keys to select Load Roll Paper and press OK.

3.Use the ▲ and ▼ keys to select View Op. Guide and press OK. The navigation starts.



Install the Printer Driver and the User Manual

Windows

You can print from Windows via USB or TCP/IP (network) connections. The installation procedure varies depending on how your printer is connected. Install the printer driver and the User Manual as follows.

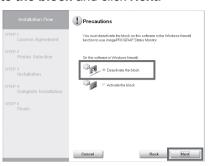
<Compatible Operating Systems>

Windows Vista, Windows Server 2008, Windows Server 2003, Windows XP, Windows 2000

 Installation requires administrative rights (such as those of Administrator). Be sure to log on using an account with administrative rights before installation.

The following screen may be displayed during installation depending on MEMO the security settings of your computer.

Select Deactivate the block and click Next.



For USB connections

- Use a USB cable that conforms to the Important Hi-Speed USB specification.
 - Connect the USB cable to the printer as instructed during installation of the relevant printer driver. If you connect the USB cable before installing the printer driver, the printer driver may not be installed correctly.

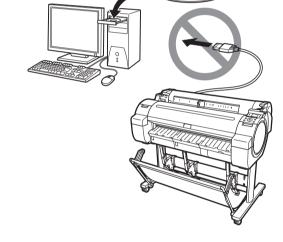
After making sure the printer is not connected to the computer, turn the computer on. Insert the provided User **Software CD-ROM** for your operating system in the CD-ROM drive.

In the Setup Menu window, click Install **Printer Driver.**





• To choose a different language, click



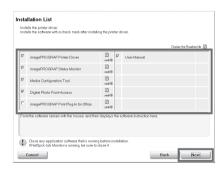
Confirm that the required installation items are selected in the **Installation List** window, and then click Next.



In the Select Country or Region of Use window, select the country or region of use and click Next.



After reading the license agreement, click





 Point at a software title to view a summary of the software.

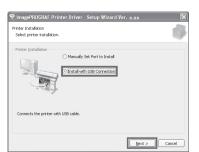




In the Printer Selection window, select The printer is connected directly to a computer and click Next.



In the **Printer Installation** dialog box, select Install with USB Connection, and click Next.

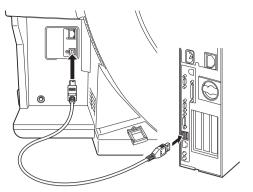


When the following dialog box is displayed, make sure the printer is on and use the USB cable to connect the printer to the computer.



• If a warning message is displayed, click MEMO Retry to try again.





Be careful not to insert the USB cable into the Ethernet port.

After reviewing the installation results in the Complete Installation window, click Next.



In the Finish window, select Restart my computer now and click Restart.



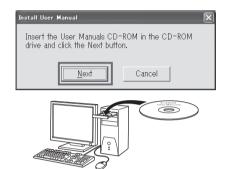
The printer driver settings take effect after the computer restarts. This completes printer driver installation.

An **iPFxxxx Support** desktop icon

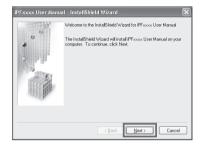
An **iPFxxxx Support** desktop icon is created after installation. (iPFxxxx represents the printer model.)

Next, install the **User Manual**.

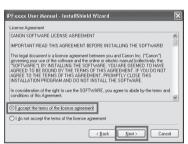
When the Install User Manual dialog box is displayed, insert the provided User Manuals CD-ROM in the CD-ROM drive and click Next.



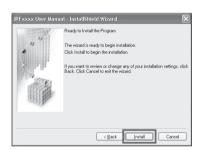
Click Next.



After reading the software license agreement, select I accept the terms of the license agreement, and then click Next.



Click Install.
The installation process begins.



After installation is completed, click **Finish**.

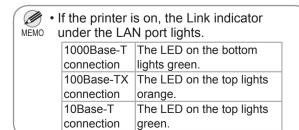


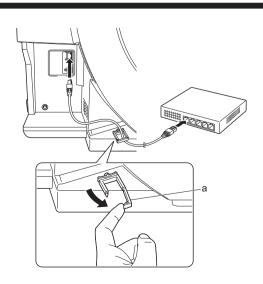
The **User Manual** is now installed.

For TCP/IP (network) connections

When you first connect the printer to the network

Use the LAN cable to connect the LAN port on the back of the printer to the hub port. Pass the network cable through the wiring bracket (a).





Make sure the printer is on.
Turn the computer on and insert the provided **User Software CD-ROM** for your operating system in the CD-ROM drive.

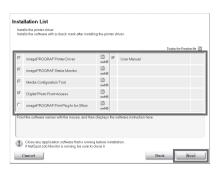


In the Setup Menu window, click Install **Printer Driver.**



• To choose a different language, click Language.

Confirm that the required installation items are selected in the Installation List window, and then click Next.



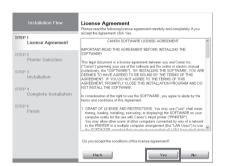


• Point at a software title to view a MEMO summary of the software.

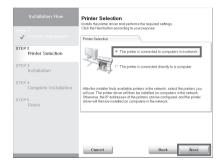
In the Select Country or Region of Use window, select the country or region of use and click Next.



After reading the license agreement, click Yes.



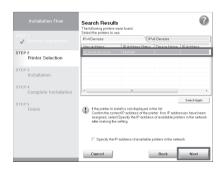
In the **Printer Selection** window, select The printer is connected to computers in a network and click Next.



After reading the precautions in the Getting Ready window, select Find available printers in the network and click Next.



Available printers are listed in the Search Results window. Select a printer from the list on either their IPv4 Devices or IPv6 Devices tabs and click Next.

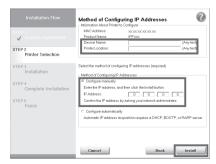


• The IPv6 Devices tab is displayed in Windows Vista and Windows Server 2008.

MEMO • If the printer you want to use is not displayed in the list on the IPv6 Devices tab, connect via IPv4

• If the printer you want to use is not displayed in the list of printers on the IPv4 Devices tab, refer to "When the printer cannot be found on the network" on page 9 to setup and configure an IP address for the printer.

In the Method of Configuring IP Addresses window, enter the IP address in Configure manually, under Method of Configuring IP Addresses. Click Install to start the installation process. Also enter your preferred name for the printer in **Device Name** and the installation location in **Printer Location** under **Information** About Printer to Configure, as desired. The installation process begins.

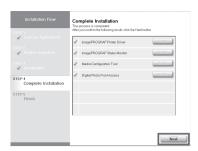


• If you use a DHCP server for automatic assignment of the printer's IP address, printing Important may no longer be possible after the printer is turned off and on. This is because a different IP address has been assigned. When using DHCP server functions, consult your network administrator and configure the settings in one of the following ways:

 Configure the setting for dynamic DNS updating In **RemoteUI**, activate the setting **Enable DNS Dynamic Update**. (→"Configuring the Printer's TCP/IP Network Settings", User Manual)

· Configure the setting for assignment of the same IP address each time the printer starts up

After reviewing the installation results in the Complete Installation window, click Next.



In the Finish window, select Restart my computer now and click Restart.



The printer driver settings take effect after the computer restarts. This completes printer driver installation. An **iPFxxxx Support** desktop icon is created after installation. (iPFxxxx

> Next, follow steps 12-16 on page 7 to install the User Manual.

represents the printer model.)

When the printer cannot be found on the network

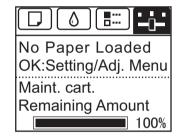
If your printer cannot be found when connecting to the network for the first time, setup an IP address for the printer and then configure it on the printer.

When ink fills the system for the first time, after printhead adjustment is finished, specify the IP address on the printer's control panel.

When ink fills the system for the first time, do not operate the printer until printhead adjustment is finished.



On the tab selection screen of the control panel, press the ◀ and ▶ keys to select (Settings/Adjustments) and press



Use the ▲ and ▼ keys to select Interface Setup and press OK.

Use the ▲ and ▼ keys to select TCP/IP and press OK.

Enter the IP address. Navigate through the following menus using the ▲ and ▼ keys on the control panel.

- 1.Select **IPv4** and press **OK**.
- 2. Select IPv4 Settings and press OK.
- 3. Select IP Address and press OK.
- 4.Enter the IP address.

- How to enter IP addresses
- MEMO 1.Press the ◀ and ▶ keys to select a field for inputting values.
 - 2.Use the ▲ and ▼ keys to input values.
 - Pressing ▲ increases the value by one. However, 0 comes after 255.
 - Pressing ▼ decreases the value by one. However, 255 comes after 0.
 - Holding down either the ▲ or ▼ keys continually increases or decreases the value.
 - 3. Press **OK** once you have finished.

Press Menu.

Press **OK** on the registration confirmation message that appears. The IP address is set on the printer.

Next, restart installation of the printer driver.

In the Search Results window, select Specify the IP address of available printers in the network and click Next. The IP Address Specification window appears. Follow steps 8-11 on page 11-12 to finish installing the printer driver.

• If the following screen appears, click Retry and select Specify the IP address of available printers in the network on the next screen that appears.



Next, follow steps 12-16 on page 7 to install the User Manual.

If the printer is already connected to the network

• If the printer is already connected to Important the network, confirm the IP address

 $\ensuremath{\cancel{\nearrow}}$ • If the printer is on, the Link indicator under

MEMO the LAN port lights.

1000Base-T connection

100Base-TX connection

10Base-T

connection

assigned to the printer. Ask your network administrator for further information.

The LED on the bottom

The LED on the top lights

The LED on the top lights

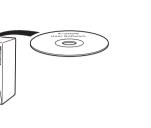
lights green.

orange.

green.

Make sure the printer is on. Turn the computer on and insert the provided User Software CD-ROM for your operating system in the CD-ROM drive.

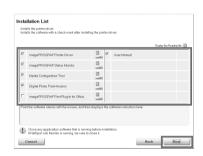
In the Setup Menu window, click Install **Printer Driver.**





 To choose a different language, click MEMO Language.

Confirm that the required installation items are selected in the Installation List window, and then click Next.



Point at a software title to view a summary MEMO of the software.

In the Select Country or Region of Use window, select the country or region of use and click Next.



After reading the license agreement, click



In the **Printer Selection** window, select 6 The printer is connected to computers in a network and click Next.



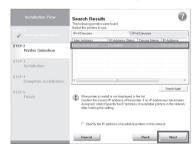
After reading the precautions in the Getting Ready window, select Find available printers in the network and click Next.



Available printers are listed in the **Search** Results window.

Select a printer from the list on either their IPv4 Devices or IPv6 Devices tabs and click Next.

The installation process begins.



• The IPv6 Devices tab is displayed in Windows Vista and Windows Server 2008.

- Printers already connected to the network are labeled Available in IP Address Status.
- If the printer you want to use is not displayed in the list of printers, select Specify the IP address of available printers in the network and click Next. The IP Address Specification window appears. Follow steps 8-11 on page 11-12 to finish installing the printer driver and the User Manual.

After reviewing the installation results in the Complete Installation window, click Next.



In the Finish window, select Restart my computer now and click Restart.



The printer driver settings take effect after the computer restarts. This completes printer driver installation. An iPFxxxx Support desktop icon is created after installation. (iPFxxxx represents the printer model.)

Next, follow steps 12-16 on page 7 to install the User Manual.

When entering the printer's IP address manually

Important • If the printer is already connected to the network, confirm the IP address assigned to the printer. Ask your network administrator for further information.

• If the printer is on, the Link indicator under MEMO the LAN port lights.

and Extra port rights.		
The LED on the bottom		
lights green.		
The LED on the top lights		
orange.		
The LED on the top lights		
green.		

Make sure the printer is on. Turn the computer on and insert the provided User Software CD-ROM for your operating system in the CD-ROM drive.

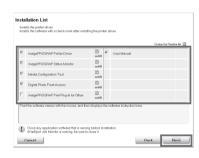


In the **Setup Menu** window, click **Install Printer Driver.**



• To choose a different language, click MEMO Language.

Confirm that the required installation items are selected in the Installation List window, and then click Next.



• Point at a software title to view a summary MEMO of the software.

In the Select Country or Region of Use window, select the country or region of use and click Next.



After reading the license agreement, click



In the Printer Selection window, select The printer is connected to computers in a network and click Next.



After reading the precautions in the Getting Ready window, select Specify the IP address of available printers in the network and click Next.



In the IP Address Specification window, select either IPv4 Address or IPv6 **Address** to enter the printer's IP address and click Install.

The installation process begins.



IPv6 Address is displayed in Windows Vista and Windows Server 2008.

 Ask your network administrator for the Important IP address, as needed.

After reviewing the installation results in the Complete Installation window, click Next.



10 In the Finish window, select Restart my computer now and click Restart.



The printer driver settings take effect after the computer restarts. This completes printer driver installation.

An iPFxxxx Support desktop icon is created after installation. (iPFxxxx represents the printer model.)

Next, follow steps 12-16 on page 7 to install the User Manual.

Macintosh

You can print from Macintosh via USB or network connections such as Bonjour or IP.

Install the printer driver that suits your printing environment.

<Compatible Operating Systems>

Mac OS X 10.3.9 or later

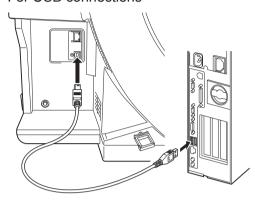
Connect the printer to a computer

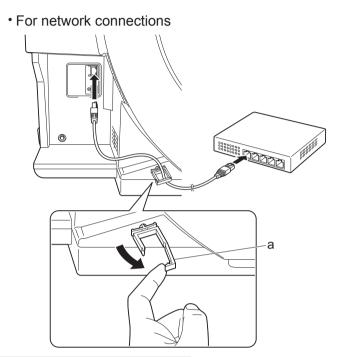
Connect the cable

Use a cable to connect the printer to a computer or the network. When connecting to a network, pass the network cable through the wiring bracket (a).

Make sure the printer is on. Turn the computer on.

For USB connections







• Be careful not to insert the USB cable into the Ethernet port.

Configure the computer

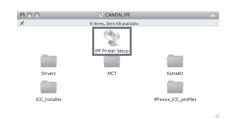
Install the printer driver

• Be sure to log in as a user with administrative rights when installing the printer driver.

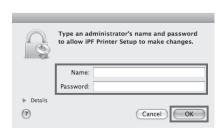
Insert the provided **User Software CD-ROM** for your operating system in the CD-ROM drive.



On the desktop, double-click the CD-ROM icon and then the **iPF Printer Setup** icon.



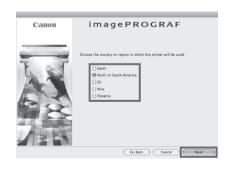
If the following screen is displayed, enter the user name and password of a user with administrative rights and click **OK**.



Confirm that the required installation items are selected, and then click **Next**.



Select the country or region where the printer will be used and click **Next**.



Click Next.



After reading the software license agreement, click **Continue**.



Click Agree.



9

Click Continue.



Exit other applications and click Continue. The printer driver, additional printer driver features, ICC Profiles, and the Media Configuration Tool are now installed.



Click **OK**.

Installation complete.

Before using the printer driver, please install the printer user's manual on this computer. If you are using a FireWire connection, restart the system. Register the printer after the system has restarted.

ОК

12

Click Quit.



This completes printer driver installation. Next, select the printer to set up.

13

Click Next.

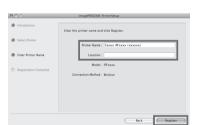


Select the printer to setup and click **Next**.

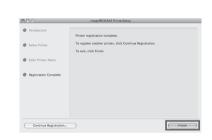


MEMO

 To register the printer by entering its IP address, click Registering IP Address.
 Enter the IP address of the desired printer in IP Address and click Next. After entering your preferred name for the printer in **Printer Name** and the installation location in **Location**, click **Register**.



16 Click Finish.



MEMO

• To register another printer, click **Continue Registration**, and repeat steps 14 to 16.

Click OK.



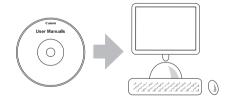
MEMO

 If the same model of printer is already registered on the computer, a screen is displayed for printer selection. Select the desired printer and click Next. The following screen is displayed and paper information is updated. When the paper information has been updated, the screen is no longer displayed.



Install the User Manual

Next, install the **User Manual**. Insert the provided **User Manuals CD-ROM** in the CD-ROM drive.



Double-click the iPFxxxx Manual Installer icon on the CD-ROM. (iPFxxxx represents the printer model.)



Select the region where the printer will be used and the language of the user manual to install, and then click **OK**.



Check the message and click Continue.



After reading the software license agreement, click **Continue**.

Click Agree.



Click Install.





After installation is completed, click Quit.



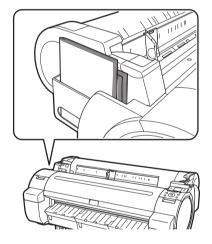
The **User Manual** is now installed.



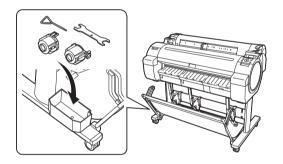
Store Accessories in the Pockets



Use the manual pocket to store the **Basic Guide** (which includes descriptions of basic printer operations, routine maintenance, and troubleshooting tips), so you can refer to it as needed.



When using the stand, store the 3-inch paper core attachment and other accessories in the accessory pocket.



 The accessory pocket is included with the stand.



Error messages may appear on the display screen of the control panel during printer installation in some cases. If so, it may not indicate a problem with the printer, and the issue may be easily resolved. Common messages and the causes are listed here with corrective actions. To respond to error messages other than these, refer to the **Basic Guide** (2). For other detailed printer instructions, refer to the **User Manual** installed at "Install the Printer Driver and the User Manual".

Message	Cause	Corrective Action
No ink tank loaded. Check ink tank.	There is no ink tank of the indicated color in the printer.	Load or reload the ink tank. (see steps 4-11 on page 3)
No printhead Install printhead.	The printhead is not installed.	Install the printhead. (see steps 1-9 on page 4)
Paper is crooked. Push the release lever back, then Pull out the cut sheet.	The loaded paper is crooked.	Press the release lever backwards. Pull out the paper. Pull the release lever forward. Load or reload the paper.
Could not detect paper size. Push release lever back, Pull out the cut sheet.	The paper is loaded in the wrong position or the paper is curled.	
Insert the maintenance cartridge.	The maintenance cartridge is not installed.	Install the maintenance cartridge.
Hardware error. xxxxxxxx-xxxx (x represents a letter or number)	Another kind of error has occurred.	Turn off the printer and wait at least three seconds before restoring the power. If the message still appears, write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.
ERROR Exxx-xxxx (x represents a letter or number)	You may have encountered an error that cannot be resolved.	Write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.