# Canon

## imageprograf iPF8300S

## Introductory Information

### ENG

 $(\circ)$ 

iPFxxxx Support

E

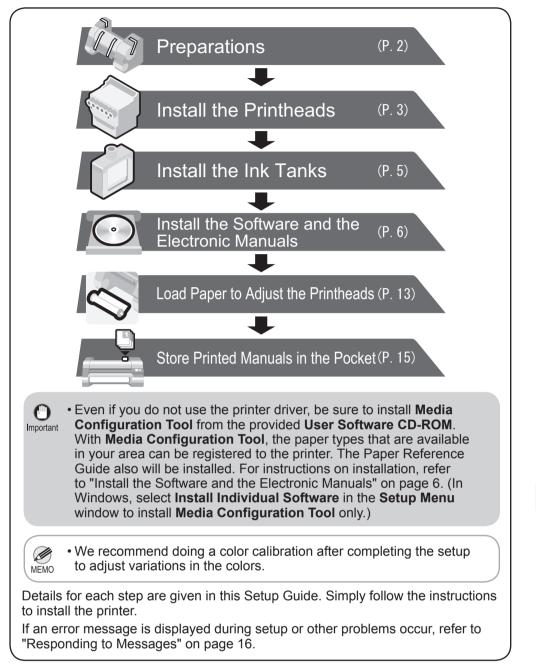
## **Setup Guide**

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

### Introduction

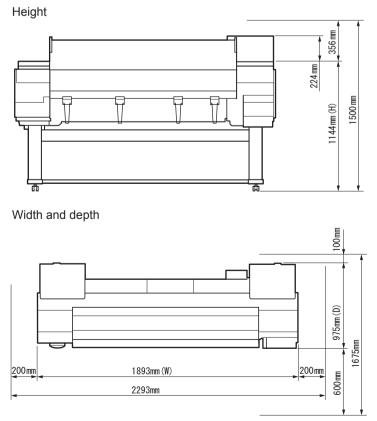
### Overview of Setup

These are the steps in printer installation.



### Space Required for Installation

An area that is larger than the dimensions shown below is needed to install the printer.



### The Manuals Supplied with This Printer

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

#### **Printed Manuals**

#### Basic Guide

The Basic Guide includes three booklets containing the following information:

- 1 Loading paper, Replacing the consumables, Control Panel menus, and others
- 2 Troubleshooting tips and Error messages
- 3 Preparations for transferring the printer and Instructions for installing the software and the electronic manuals

#### **Electronic Manuals**

#### User's Guide

a. Printer

1

This guide describes advanced usage of the printer such as paper saving tips, how to print a poster and banner with the supplied software and print quality adjusting method, in addition to the basic instructions for printing on roll paper or cut sheet.

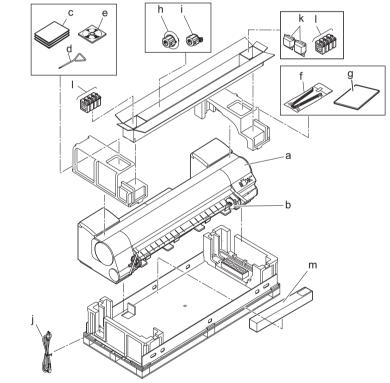
#### Paper Reference Guide

This guide describes about the types and specifications of the available media on the printer.

To refer to the electronic manuals

• Windows :	Double-click the <b>iPFxxxx Support</b> desktop icon. (iPFxxxx indicates the printer model.)
• Mac OS X :	Click the <b>iPF Support</b> icon in the <b>Dock</b> .

### Package Contents



f. Ejection support (x4)

k. Printhead (x2)

• When using the output stacker in the front ejection position, provide at least 1400 mm (55 inches) of unobstructed space in front of the printer.



b. Roll holder	g. Setup Guide (this document)	I. Starter ink tanks
c. Set of manuals	h. 3-inch paper core attachment #2	BK, MBK, C, M, Y, PM,
d. Allen wrench	i. 3-inch paper core attachment #1	PC, GY
e. Set of CD-ROMs	j. Power cord	m.Sample paper (roll paper)

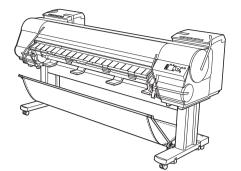
Other documentation may also be included in the package.

- Some items are included with the printer but not described in this
- MEMO manual. Keep these items in a safe place after setup because they are used in various printing applications.
  - For instructions on the included items not described in this manual, refer to the User's Guide.
  - 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 INC.
- 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.



#### Install the printer.

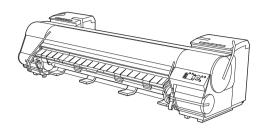
Assemble the stand and install the printer referring to the Printer Stand Setup Guide included with the stand.

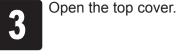


• It weighs approximately 100 kg by itself. Moving the printer requires at least six people to lift it from both sides. Be careful to avoid back strain and other injuries.



Remove the tape and other packing materials attached to the printer.





Caution

Use the Allen wrench to loosen the screw of the belt stopper (a) and then remove the screw from the belt stopper. Rotate the belt stopper to the left to remove it. Pull the carriage spacer (b) in the direction indicated by the arrow to remove it.

(3) b

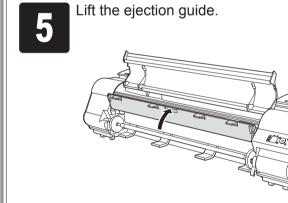
6

0 Important

• The belt stopper, screw, carriage

spacer, and Allen wrench are needed if the printer is moved to another location. Keep the belt stopper, screw, carriage spacer and Allen wrench in a safe place.

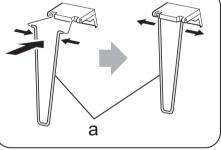
Neglecting to attach the belt stopper and carriage spacer when moving the printer to another location can result in damage to the printer.





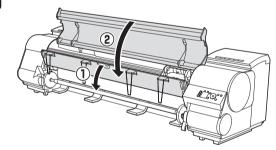
Attach the four ejection supports (a) to the





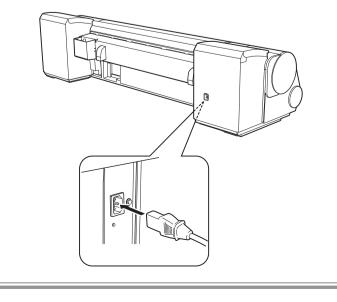
cover.

Close the ejection guide and the top





connector on the back of the printer and plug the other end into an electric outlet.







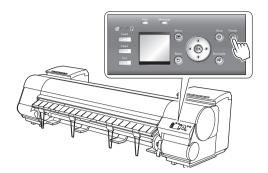
and press OK.

5

6



Press the **Power** button to turn on the printer.





Lift the carriage cover to open it fully.

When the following screen appears, use

the  $\blacktriangle$  and  $\blacktriangledown$  keys to select a language



6

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

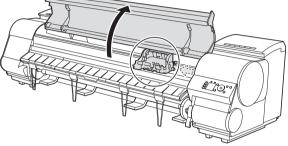


Pull the printhead fixer lever forward all

the way to open it completely.

4

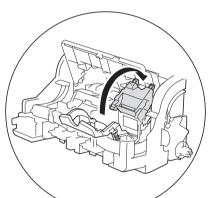
When the display screen shows **Open Upper Cover**, open the top cover.



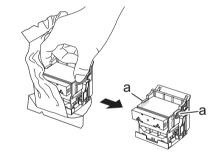
Instructions on printhead installation are shown on the display screen.

T Lift the fully.

Lift the printhead fixer cover to open it fully

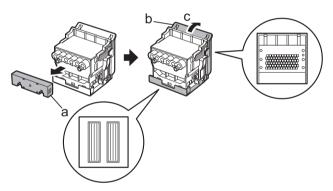


Hold the printhead by the grips (a) as you remove it from the pouch.



9

Remove the orange protective part (a). Remove the other orange protective part (b) while holding the grip (c).



- Never touch the parts covered by the protective parts. Doing so may damage the printhead and affect printing quality.
  - The printhead contains ink, so be careful not to spill it once the protective parts are removed.
  - Do not reattach the protective parts after removing them. Dispose of these materials according to local regulations.



b

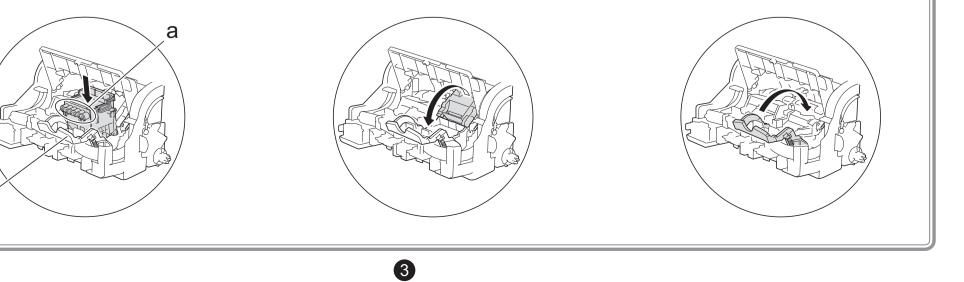
Insert the printhead into the carriage (b) with the ink holes (a) up and facing the front of the printer as shown in the figure. Carefully push the printhead firmly into the carriage (b), ensuring that the parts that were covered by the protective parts do not touch the carriage (b).

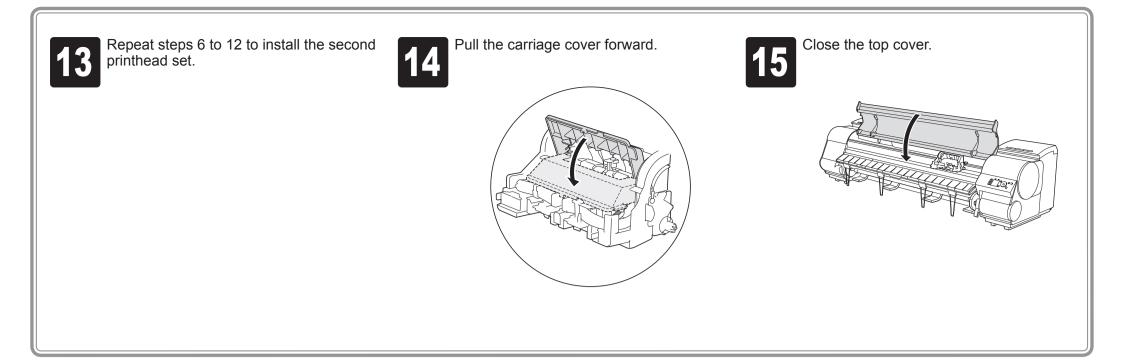


Pull the printhead fixer cover down toward the front to lock the printhead in place.



Push the printhead fixer lever all the way back.







### Install the Ink Tanks



а

until it locks.

in the locked position.

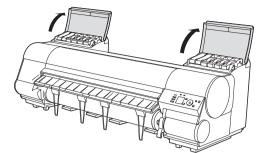
0

mportant

5)



Instructions on ink tank installation are shown on the display screen. Open the ink tank covers as instructed.

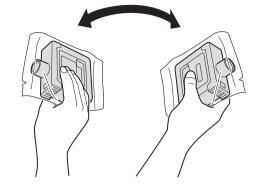


Raise the stopper (a) of the ink tank lock lever for the color you are loading. After raising the ink tank lock lever as far as possible, pull it forward.





3



Shake each ink tank gently 7 to 8 times

before opening its pouch.

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

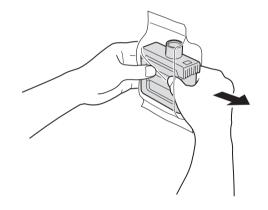
- - Orient the ink tanks and place them in the holders with ink holes down as shown in the figure.

• Press down on the ink tank lock lever

· Make sure the ink tank lock lever stays



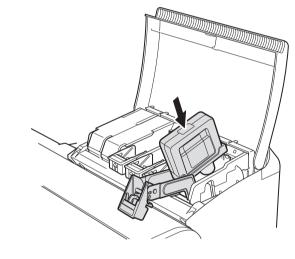
After raising the ink tank lock lever as far as possible, press it back down until it clicks into place.



Open the pouch and remove the ink tank.

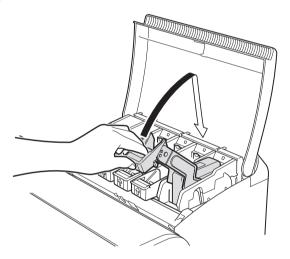
 Never touch the ink holes or metal 0 contacts. Touching these parts may Important cause stains, damage the ink tank, and affect print quality.

- Avoid dropping the ink tank after removing it from the pouch. Otherwise, ink may leak and cause stains.
- Do not remove ink tanks to shake them after they have been installed. Doing so may cause ink to spill.

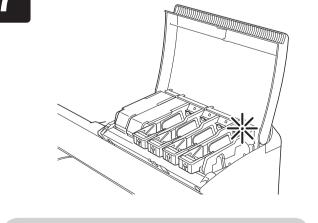


• An ink tank cannot be placed in the 0 holder if it is not oriented correctly for Important the color.

• Do not try to force an ink tank into the holder if it does not go in normally. Check the color indicated on the label affixed to the ink tank lock lever and the ink tank orientation, and then try placing the tank into the holder again.



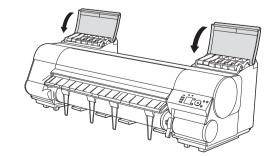
After all the ink tanks and printheads have been installed, the printer automatically



• If the ink lamp does not light, repeat  $\bigcirc$ steps 2, 5, and 6. Important

Close the ink tank covers.

ink tanks.



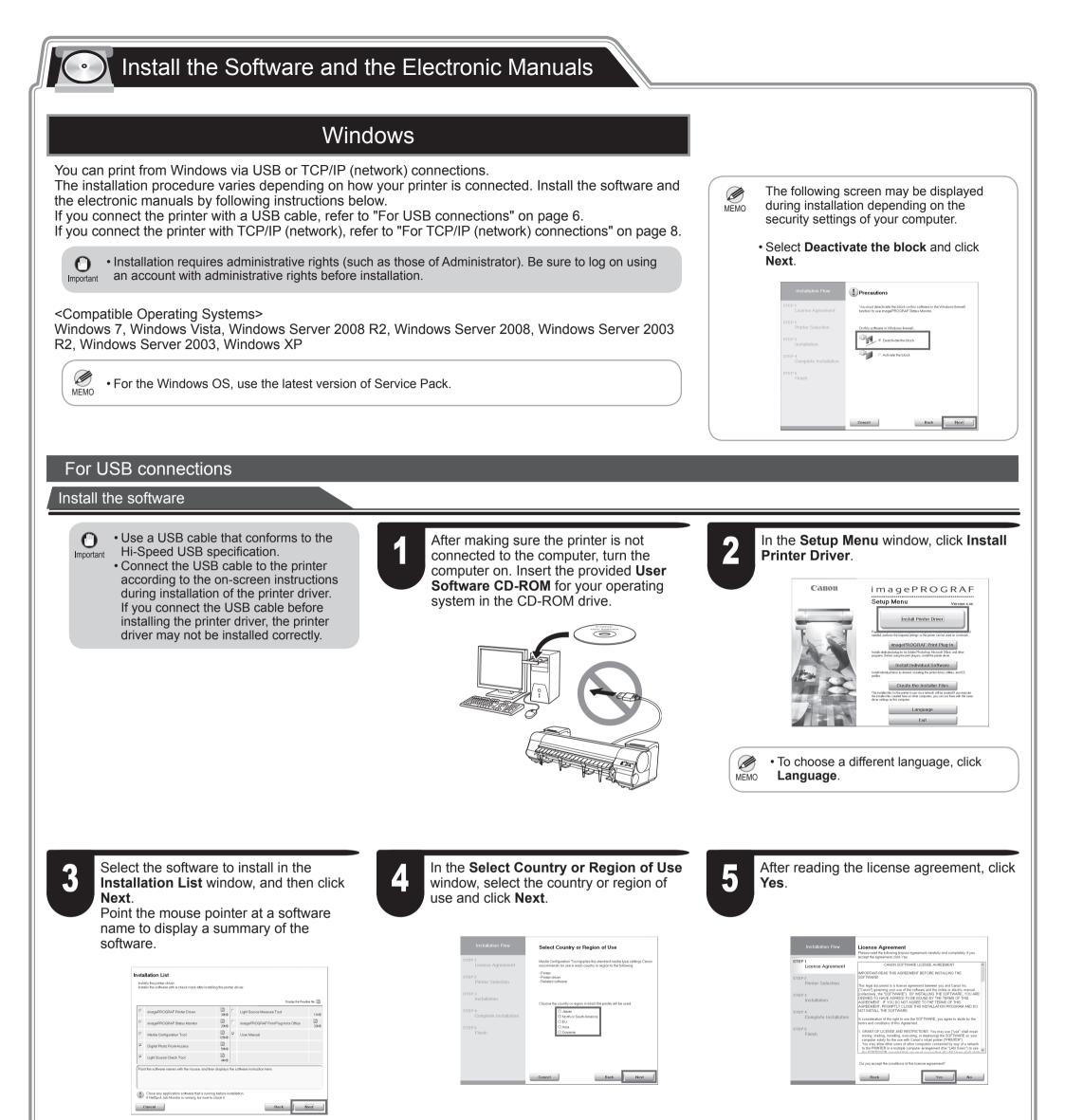
5

Repeat steps 2 to 7 to install each of the

starts charging the system with ink. Charging the system with ink for the first time takes about 22 minutes. Install the software and electronic manuals on your computer while charging the system with ink. If you install the software and electronic manuals later, wait until the system is charged with ink, and then proceed to "Load Paper to Adjust the Printheads" on page 13.



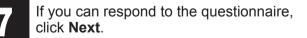
• During printer installation, ink fills the system between the ink tanks and printheads. The ink level quickly falls to 80%. This is normal.





## If you can agree Extended Survey Program, click **Agree**.

Installation Flow	Extended Survey Program For development and methoding of products that before meet custore in the sector of the se
STEP 2 Information	Information related to Canon Large Format Printer 1 Your computer's OS version, language and display setting information 2. Printer's Unumber, installation date and time, incluse information, sheet
STEP 3 Printer Selection	use information, number of sheets printing environment and conditions, and maintenance information 3. Result of questionnaire
STEP 4 Installation	If your Canon product is shared for use, by agreeing through one of the computers that is connected to the product, information about that above will be sent. In this survey, we will not send any information about other than that above or any of your personal information. For this reason, from the information that is about the sentence of the
Complete Installation	sent to us, we are unable to identify specific customers. We are therefore unable to respond to requests to disclose any sent information.
STEP 6 Finish	After you install the survey program, the above information will be sent to
1 111511	If you agree to the above, click (Agree) to start installing a survey program. Otherwise, click (Do not egree). This program may not run on unsupported OS versions.
	Back Do not agree Agree

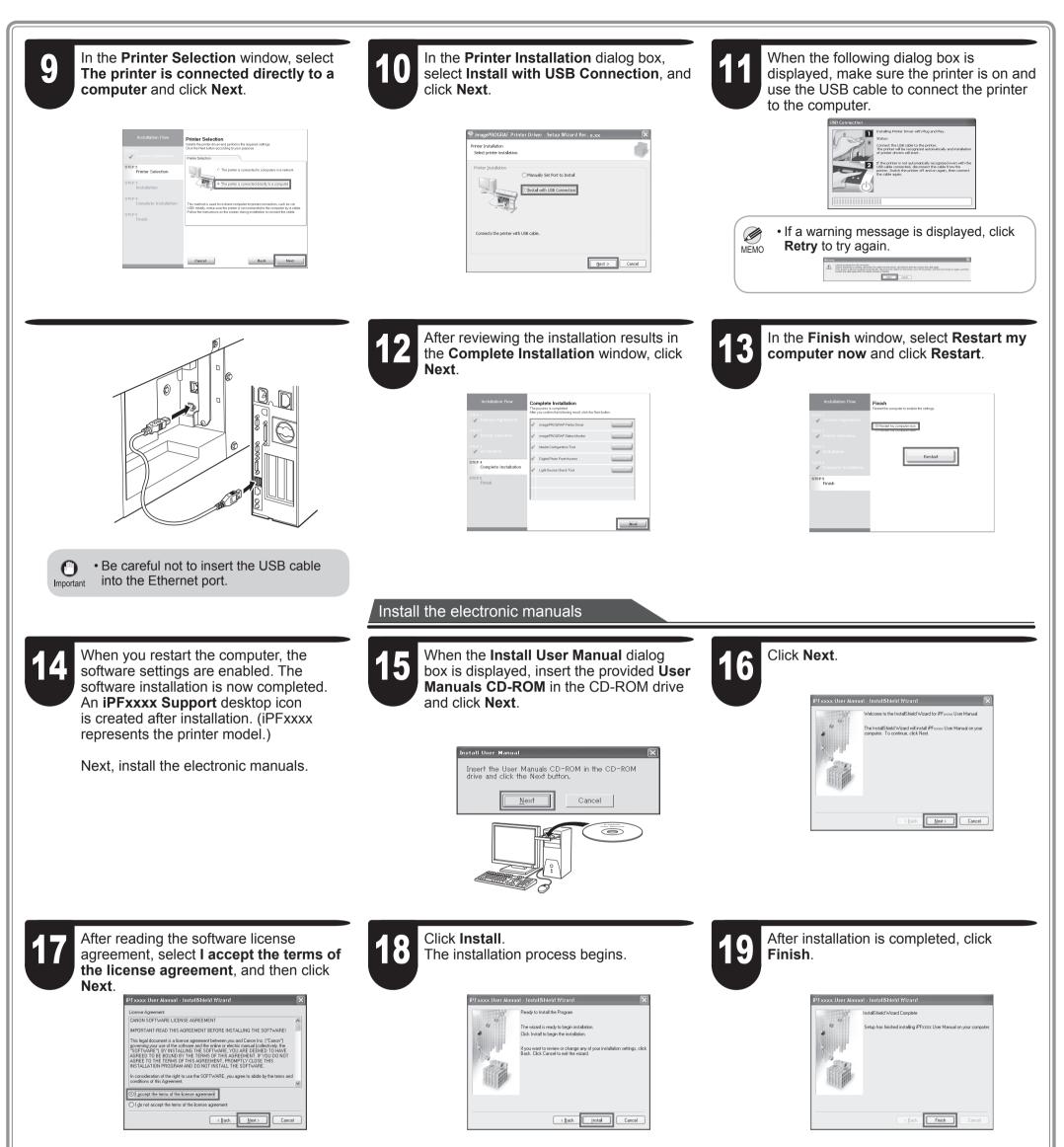


	questionnaire Thank you for your cooperation with the Extended Survey Program. In
STEP 1 License Agreement	the Extended Survey Program, we request that you cooperate with a questionneire concerning the product you are using as part of the information we are collecting. This information will be useful to us in understanding what types of customers are using the product.
STEP 2 Information	Business:
STEP 3 Printer Selection	Printing purpose 1 (main):
STEP 4 Installation	Printing purpose 2 (secondery):
STEP 5 Complete Installation	Not specified
STEP 6 Finish	Not specified
	You can proceed to the next task even without specifying an item of the questionnaire.
	Cancel Back Next

6

## Confirm your questionnaire responses, and click **Next**.

	Confirmation of the questionnaire Please confirm the questionnaire of the Extended Survey Program.
STEP 1 License Agreement	
STEP 2 Information	Business:
STEP 3 Printer Selection	Printing purpose 1 (mein):
STEP 4	Not specified Printing purpose 2 (secondary):
STEP 5 Complete Installation	Not specified Compony site:
STEP 6 Finish	Not specified
	If the content of the questionneire is correct, click [Next]. To correct it, click [Bac
	Concel Back Next



The electronic manuals installation is now



Double-click the **iPFxxxx Support** desktop icon.

20

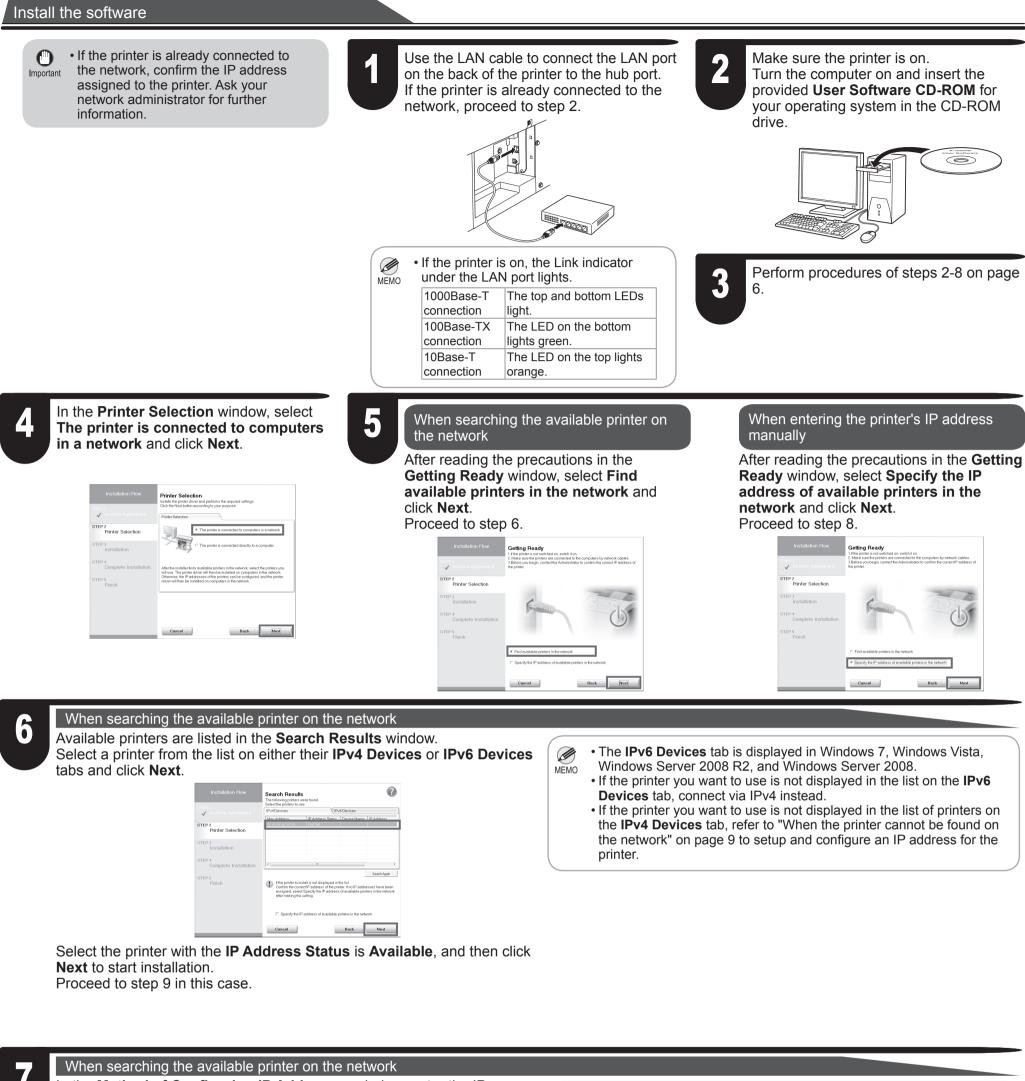


When clicking the **User's Manual** button, the User's Guide will be opened and clicking the **Paper Reference Guide** button, the Paper Reference Guide will be opened.

21

010 - (# Hu//	w [fg] [X]
ත් ඒ ම් inaplfOOM Support Dramation	∰ + ⊡ · ⊕ + ⊡tw + © tw
Canon	🔬 ImagePROGR
imagePROGRAF Support Information	iPFxi
Using Your imagePROGRAF Printer	Stay Informed
User's Manual	Visit the imagePROGRAF website for news and printing tips.
we the printer user's manual.	Visit the imagePROGRAF webpage
Paper Reference Guide	
we information about paper that can be used with the printer. In the latest version of the Media Configuration Tool to make sure the de includes information on newly added paper.	
	Copyright CARON INC. 200
Cot the latest version of the Media Configuration Tool to make sure the	
	N Ply Computer 15, 1901

#### For TCP/IP (network) connections



In the Method of Configuring IP Addresses window, enter the IP address in Configure manually, under Method of Configuring IP

 $\bigcirc$ 

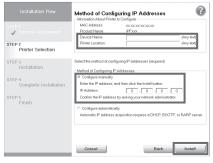
Important

8

• If you use a DHCP server for automatic assignment of the printer's

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. Proceed to step 9.

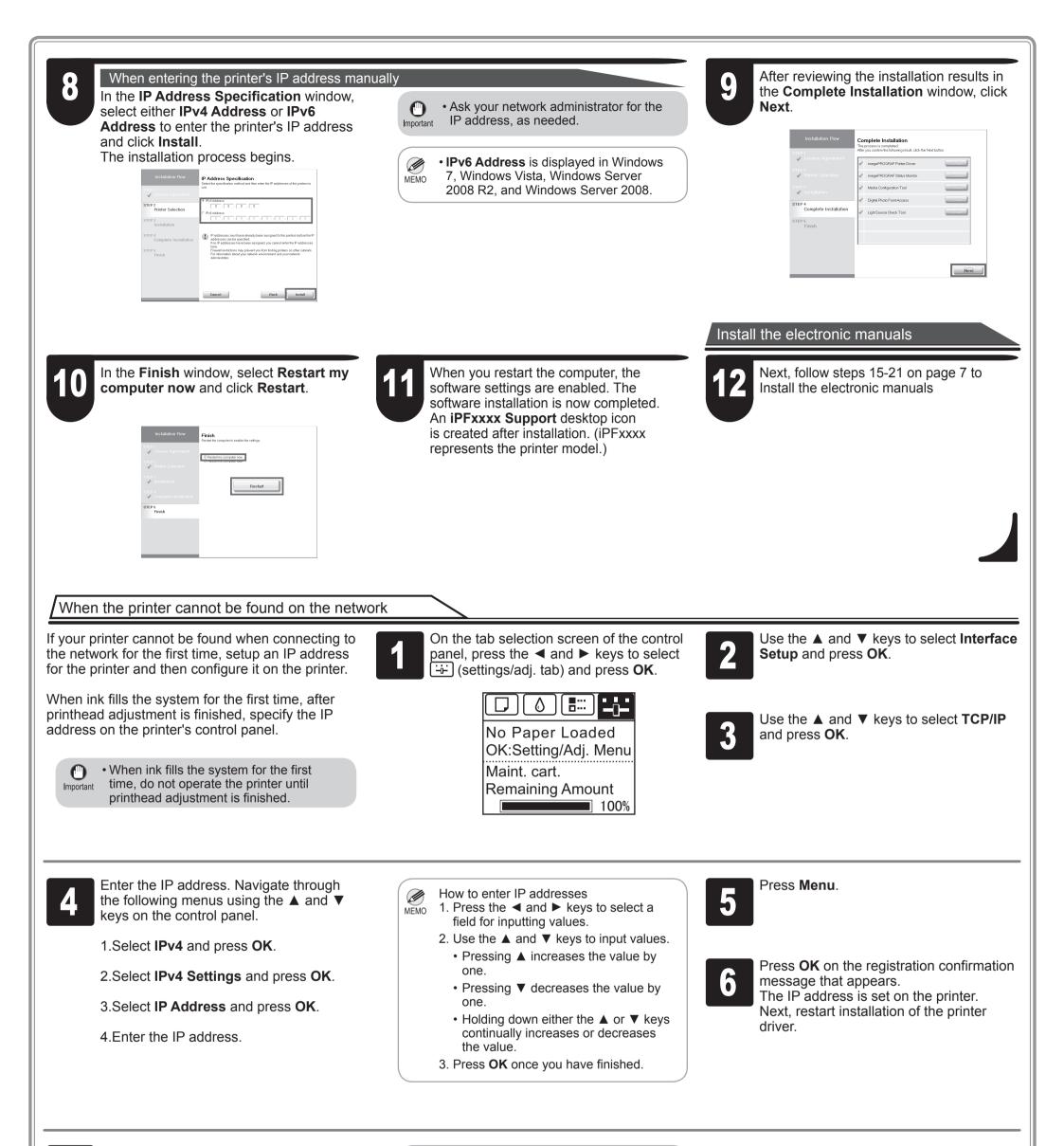


IP address, printing may no longer be possible after the printer is turned off and on. This is because a different IP address has been assigned. When using DHCP server functions, consult your network administrator and configure the settings in one of the following ways:

Configure the setting for dynamic DNS updating

In the printer menu, either set DNS Dync update to On, or activate the setting Enable DNS Dynamic Update in RemoteUI.

- (→"Menu Settings", User's Guide) (→"Configuring the Printer's TCP/IP Network Settings", User's Guide)
- Configure the setting for assignment of the same IP address each time the printer starts up



7

In the Search Results window, select Specify the IP address of available printers in the network and click Next. When the IP Address Specifications window appears, follow the instructions of "When entering the printer's IP address manually" in step 8 to 12 on page 9 to complete the installation of the software and electronic manuals.

MEMO If

• 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.

STEP 1 Loonse Agreement STEP 2 Pinter Selection STEP 3 Complete Installation	The ran chold of the set of
STEP 5 Finish	Cancel Funy

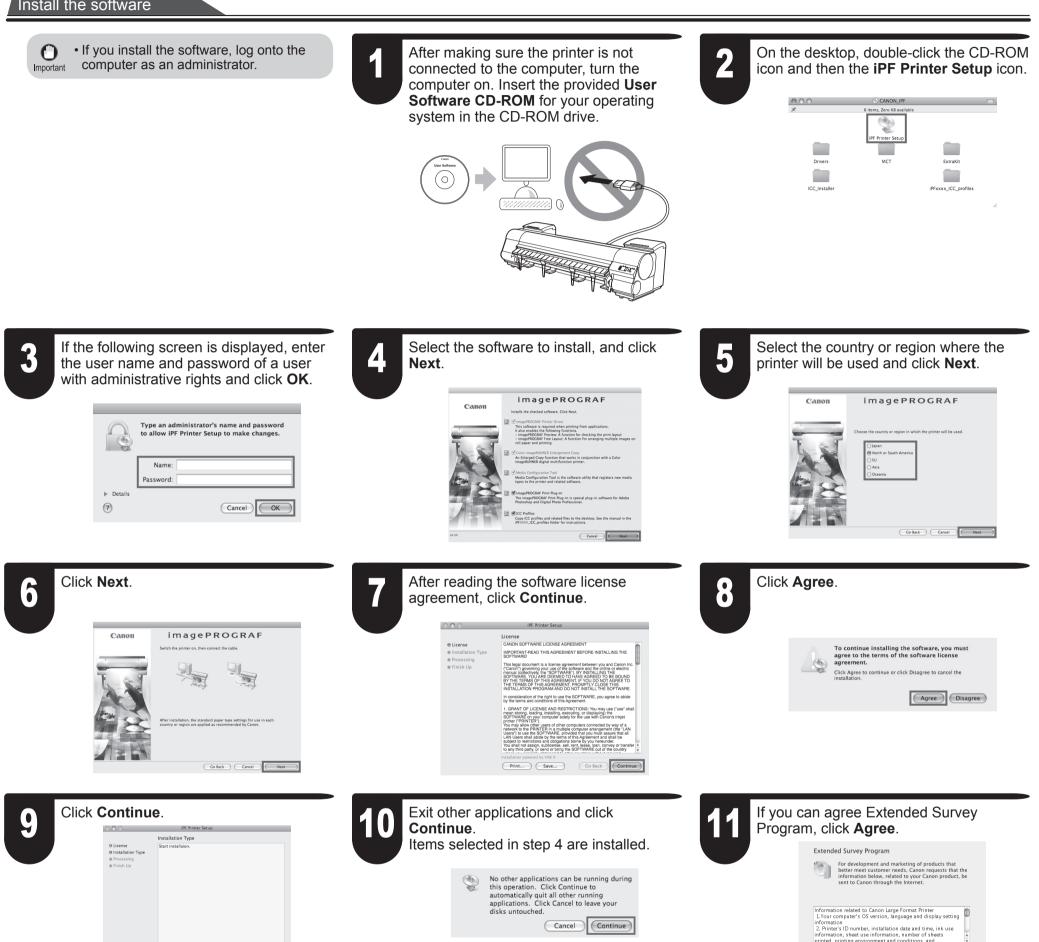
### Macintosh

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

Install the software and electronic manuals depending on your computer environment.

<Compatible Operating Systems> Mac OS X 10.4.11 or later

#### Install the software



Go Back	Continue
---------	----------

If you agree to the above, click [Agree] to start installing a survey program. Otherwise, click [Do not agree]. This program may not run on unsupported OS versions.

Do not agree	Agree	
--------------	-------	--



#### If you can respond to the questionnaire, click Next.

ques	tion	naire

	Thank you for your cooper Survey Program. In the Ext request that you cooperate concerning the product you information we are collect useful to us in understandi are using the product.	ended Survey Program e with a questionnaire u are using as part of t ng. This information w	, w the till
Business		Not specified	
Printing	purpose 1 (main):	Not specified	
Printing	purpose 2 (secondary):	Not specified	
	v size:	Not specified	-

13	Confirm your questionnaire responses, and click <b>Next</b> .
	Confirmation of the questionnaire

Please confirm the questionnaire of the Extended Survey Program.

Business:	Not specified
Printing purpose 1 (main):	Not specified
Printing purpose 2 (secondary):	Not specified

Company size:

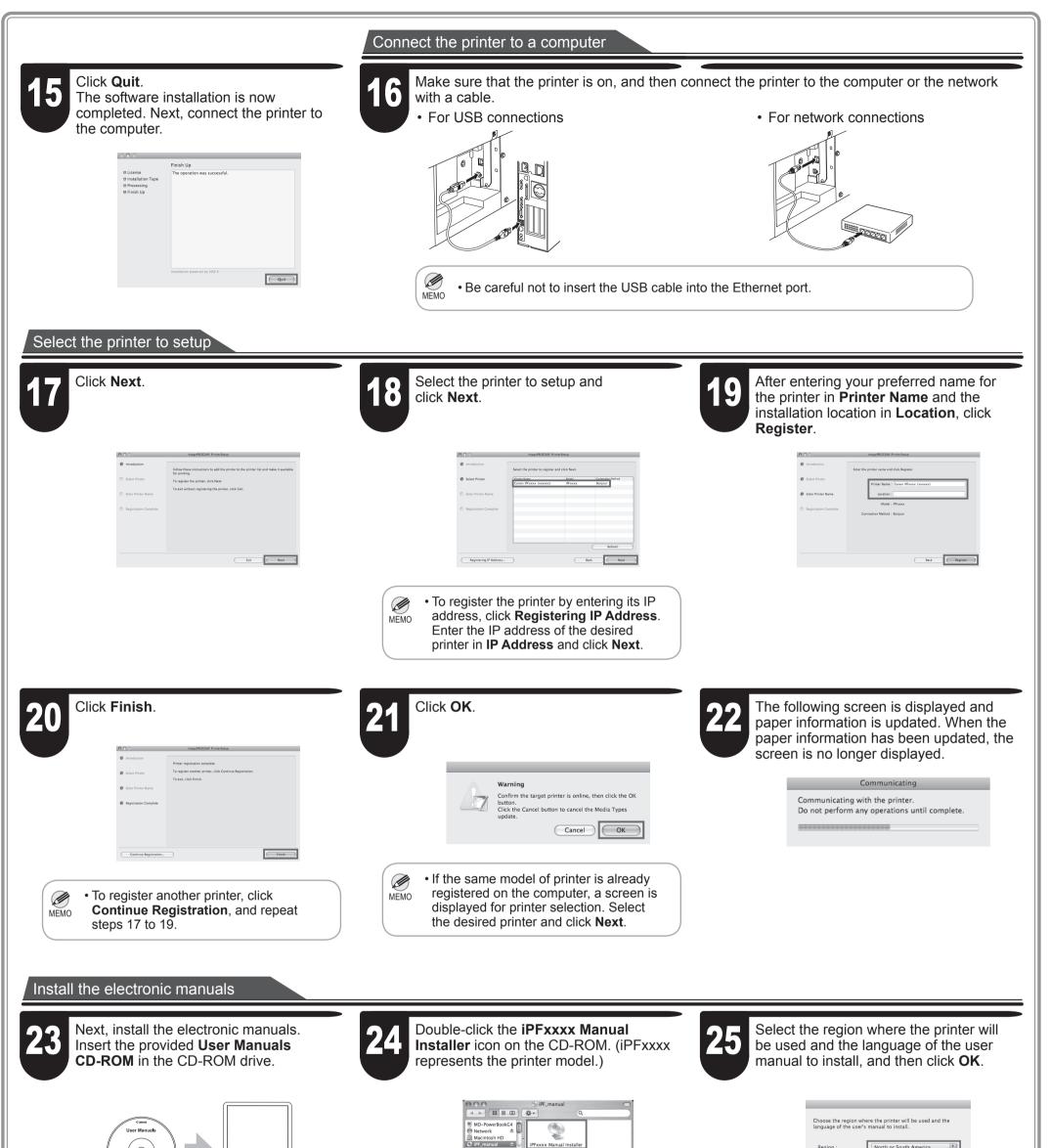
If the content of the questionnaire is correct, click [Next]. To correct it, click [Back].

Not spe

Back	Cancel	Next
------	--------	------

10







💷 Desktop	Ť	
×	1 of 1 selected, Zero KB available	

User Manual :	English	•
	(	ок



#### Check the message and click Continue.

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

000	iPExxxx Manual Installer
	Read Me
Read Me     License	Clicking the Install button installs the following items: -Canon IPFxxxx Manual
<ul> <li>Installation Type</li> <li>Installing</li> <li>Finish Up</li> </ul>	If you move the manual to another folder after installation, you will be unable to access the manual from the desktop icon or from the User Manual button in the printer driver or other applications. However, you can still open the manual file directly.
	Restation of Deprivate the manual in the location where it was previously installed. For this reads, if where it region and/or language manual can to looger the accessed. If you can be the previously installed in the accessed previously installed manual, more that makes the accessed previously installed with the accessed of the acce
	selected at installation.
	Print Go Back Continue
1 10	Print Save Go Back Continue



11



#### Click Agree.

To continue installing the software, you mus agree to the terms of the software license agreement. Click Agree to continue or click Disagree to cancel the installation.

Agree	Disagree

Click Install.	30 After installation is completed, click Quit.	31 Click the <b>iPF Support</b> icon in the <b>Dock</b> .
Proce Manual Installer      Eary Install      Clicking the Installibution Installs the following items:     Ouron PFood Manual      Ouron PFood Manual      Ouron PFood Manual      Ouron PFood Manual	PRad Me     e Ruad Me     e Iclanse     e Installation was successful. If you and finished, click Qot to leave     be Installation was     e Installation     e Finish Up	
Disk space available > xCB Approximate drist space <u>needed</u> - oo - oo x vi 10	Institution powered by VICX	
<text><text></text></text>	The electronic manuals installation is now completed.	



Load the provided sample paper and adjust the Printheads.



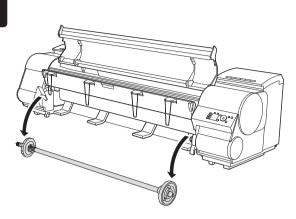
Select type of paper for printhead adj. is shown on the display screen. Use the ▲ and ▼ keys to select Roll Paper and then press OK.



Open the top cover and raise the ejection guide.



Remove the roll holder from the printer.



Raise the holder stopper lever (a) from the shaft side to unlock the stopper. While holding the holder stopper in the position in the figure indicated by (b), remove the holder stopper from the roll holder.

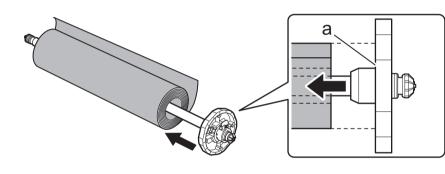
а

· We recommend wearing clean cotton gloves when handling rolls of

paper to protect the printable surface.

5)

With the leading edge of the roll of paper towards the front as shown in the figure, insert the roll holder from the right side of the roll of paper. Insert the roll holder all the way until the paper is touching the flange (a) of the roll holder.



· Insert the roll holder as far as it will go so there is no gap between  $\bigcirc$ the paper and the roll holder flange. A gap can cause the paper to Important feed irregularly.

• Do not place a roll of paper on a desk or other flat surface where it may roll off. A falling paper roll creates the risk of personal injury.Do not allow the roll holder to be subjected to strong impact when

loading a roll of paper. Strong impact can damage the roll holder.

With the side of the roll holder with the white gear facing the same

shaft (a) into the left and right guide grooves (b) of the roll holder

slots. Allow the shaft to slide into the guides as far as possible.

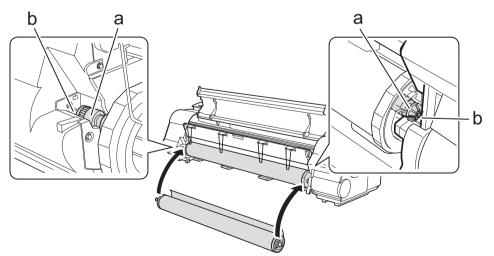
direction as the roll holder slot with the white gear, set the roll holder

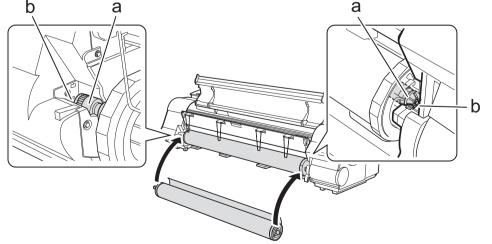
6

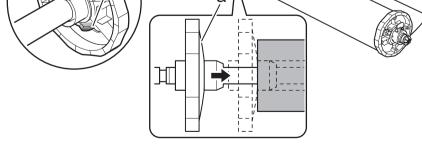
( )

Important

As shown in the figure, slide the holder stopper onto the roll holder from the left. Holding the holder stopper at the position in the figure marked (b), press until the holder stopper flange (a) is securely in contact with the paper. Lower the holder stopper lever (c) to the shaft side to lock it.







• Insert the roll holder as far as it will go so there is no gap between  $\bigcirc$ the paper and the roll holder flange. A gap can cause the paper to Important feed irregularly.

· Remove all wrinkles and curls from the paper, if any, before loading it.

. When setting the shaft into the guides, take care so the roll of paper does not fall and created the risk of personal injury.

· Be careful to not pinch your fingers between the shaft of the roll holder shaft (a) and the guide grooves (b) when loading a roll of paper.

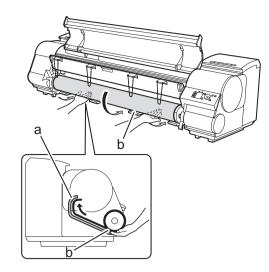
13

 $\bullet$ 

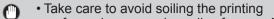
Important



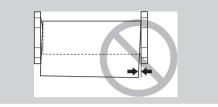
Pull out the paper so it is even on both sides and insert it into the feed slot (b), and feed it until it contacts the paper retainer (a).



The paper feeds automatically until it contacts the paper retainer.

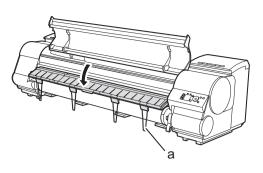


- surface when removing rolls of paper. A Important soiled printing surface can affect printing quality.
  - Remove all wrinkles and curls from the paper, if any, before loading it.
  - When loading paper, make sure there is no gap between the right side of the roll and the roll holder.





Lower the ejection guide. Lower the ejection guide carefully, taking care that the ejection supports (a) do not touch the paper.





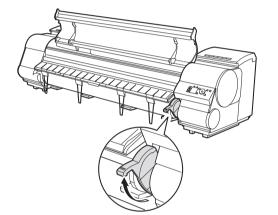
While holding the leading edge of the paper roll, raise the release lever.

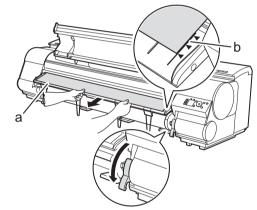


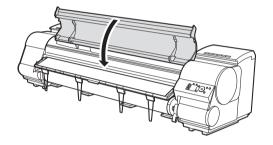
Holding the leading edge of the paper with both hands, gently pull it to the ejection guide (a) as you ensure that the left and right sides remain even and that the right edge of the paper remains parallel with the orange paper alignment line (b). Next, lower the release lever.



Close the top cover.







After a roll of paper is loaded, the display screen automatically display a paper type selection menu and the printer beeps.

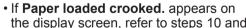
• Be sure to perform steps 10 and 11. If paper cannot feed straight or becomes curled, it may rub  $\mathbf{O}$ against the print head or be jammed. Important

 Do not pull paper in an attempt to force it to align with the paper alignment line (b). Doing so may cause the paper to not feed straight.

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 then press OK. Then from the menu that appears, select **HW Coated** and then press **OK**.



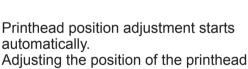




Printhead position adjustment starts automatically.

takes about 19 minutes. When printhead adjustment is finished, **Ready** appears on the display screen. Printer setup is now complete.

 To enhance printing quality when  $\bigcirc$ printing fine lines/text or photos at high Important precision, see "Enhancing Printing Quality" in the User's Guide.



11 to reload the roll of paper. If the error occurs again after you reload the paper, remove the roll holder from the printer and check to make sure that the roll of paper is in close contact with the roll holder flange as described in step 5.

MEMO

• After you have finished setting up the printer and installing the software and electronic manuals, we recommend performing color calibration. Color calibration compensates for changes in color from individual variation and aged deterioration of the printer, ensuring better color consistency. Perform color calibration using the provided Sample Paper, which is compatible with this process. For information on other compatible paper, refer to the Paper Reference Guide.

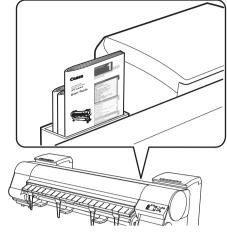
During color calibration, on the control panel's display screen, open - (settings/adj. tab) and select Adjust Printer - Calibration - Auto Adjust. The process of color calibration takes about 13 minutes.

• If you use the color calibration for color adjustment, it is useful to set the function to notify the execution period (Prompt Execution). For details of the function, refer to "Using Color Calibration for Color Adjustment" in User's Guide.

## Store Printed Manuals in the Pocket

1

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 the setup is completed, refer to the various manuals to use the printer. Refer to "The Manuals Supplied with This Printer" on page 1.



## Responding to Messages

Error messages may appear on the display screen of the control panel during printer installation. 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 details of operation procedure, refer to User's Guide installed in "Install the Software and the Electronic Manuals".

Message	Cause	Corrective Action
Paper loaded crooked.	The loaded paper is crooked.	Reload the roll of paper. (See steps 10 and 11 on page 14) If the error occurs again after you reload the roll of paper, remove the roll holder from the printer and check to make sure that the paper is in close contact with the roll holder flange. (See step 5 on page 13)
No maintenance cartridge installed.	The maintenance cartridge is not connected.	Install the maintenance cartridge correctly.
Hardware error. xxxxxxxx-xxxx (x represents a letter or number)	The belt stopper or the tape inside the top cover has not been removed.	Turn off the power, open the top cover, and remove the tape and the belt stopper, then turn the power on.
	You may have encountered an error that cannot be resolved.	Turn off the printer and wait at least three seconds before restoring the power. If the message appears again, 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.

