Canon

imagePROGRAF **iPF8400**

Introductory Information

ENG

Setup Guide

Introduction

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

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 contains the following information:

- · Loading paper, Replacing the consumables, Control Panel menus. and others
- Troubleshooting tips and Error messages Preparations for transferring the printer

Electronic Manuals

User's Guide

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 iPFxxxx Support desktop icon. (iPFxxxx indicates the printer model.) Click the **iPF Support** icon in the **Dock**

• Mac OS X :

R IPFxxxx Support B

Package Contents

(Launchpad in OS X v10.7 and later).



a. Printer b. Roll holder

f. Ejection support (x4) g. Setup Guide (this document)

k. Printhead (x2) I. Starter ink tanks



 (\circ)



Width and depth



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



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	A 11 -			

- d. Allen wrench e. Set of CD-ROMs
- h. 3-inch paper core attachment #2 i. 3-inch paper core attachment #1 j. Power cord
- BK, MBK, C, M, Y, PM, PC, GY, PGY, R, G, B m.Adjustment paper

Other documentation may also be included in the package.

- · Some items are included with the printer but not described in this Ø manual. Keep these items in a safe place after setup because they are MEMO 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.





Open the top cover.



4

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.



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• The **Belt Stopper**, screw, carriage spacer, and **Allen Wrench** are needed when moving the printer to another location later. Keep the **Belt Stopper**, screw, carriage spacer, and **Allen**

Wrench which have been removed. Neglecting to attach the **Belt Stopper** and carriage spacer may cause damage to the printer when moving the printer to another location.

• After opening the **Top Cover**, **Cleaning Brush** is stored on the right. Take out the brush when cleaning inside the **Top Cover**.





Attach the four ejection supports (a) to the

back of the ejection guide.



cover.

Close the ejection guide and the top





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





Mount the Ink Tanks



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





When the following screen appears, use the \blacktriangle and \blacktriangledown 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. Open the ink tank covers as instructed.







9

Shake each ink tank gently 7 to 8 times before opening its pouch.





· Failure to shake the ink tanks may 0 result in reduced print quality because Important ink ingredients have settled on the bottom of the tank.

Open the pouch and remove the ink tank.





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







- 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 mounted. Doing so may cause ink to spill.

0 Important

• An ink tank cannot be mounted in the holder if it is not oriented correctly for 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 mounting the tank into the holder again.





Install the Printheads

Install both printheads.





b

Repeat steps 3 to 9 to install the second printhead set.



5



Load the provided adjustment 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.



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Important

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

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.



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Important

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• 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.



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.

- Take care to avoid soiling the printing
- Important surface when removing rolls of paper. A 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. If you lower it vigorously, the ejection supports (a) may touch the roll paper and scratch the printing surface.



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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 against the print head or be jammed.

• 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**.



Paper begins feeding.



Once feeding the paper is finished, the printer automatically starts charging the system with ink and adjusting the printhead. Charging the system with ink and adjusting the printhead for the first time takes about 40 minutes. Install the software and electronic manuals on your computer while the printer is working. (See "Install the Software and the Electronic Manuals" on page 8)

Charging the system with ink fills the system between the ink tanks and printheads. In addition, cleaning is performed to keep the printer in optimal condition. This may cause the remaining ink indicator and maintenance cartridge capacity indicator to drop to about 80 % (the remaining ink indicator may drop to about 40 % for the starter ink tank), but this is not a problem with the printer.

МЕМО

• If **Paper loaded crooked.** appears on the display screen, refer to steps 10 and 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.

When printhead adjustment is finished, **Ready** appears on the display screen.

• 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 adjustment 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 10 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.



If you connect the printer with a USB cable, refer to "For USB connections" on page 8.

If you connect the printer with TCP/IP (network), refer to "For TCP/IP (network) connections" on page 10.

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

<Compatible Operating Systems>

32-bit: Windows 7, Windows Vista, Windows Server 2003 R2, Windows Server 2003, Windows XP 64-bit: Windows 7, Windows Vista, Windows Server 2008 R2, Windows Server 2008, Windows Server 2003 R2, Windows Server 2003

• For the Windows OS, use the latest version of Service Pack.

For USB connections

Install the software

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 Use a USB cable that conforms to the Hi-Speed USB specification.
 Connect the USB cable to the printer according to the on-screen instructions during installation of the printer driver. If you connect the USB cable before installing the printer driver, the printer

driver may not be installed correctly.





during installation depending on the security settings of your computer.

• Select **Deactivate the block** and click **Next**.



In the Setup Menu window, click Install Printer Driver.

Printer Driver.



• To choose a different language, click Language.

3

Select the software to install in the **Installation List** window, and then click **Next**.

Point the mouse pointer at a software name to display a summary of the software.

11MB	Light Source Measure Tool		36MB	imagePROGRAF Printer Driver	Z.
33ME	imagePROGRAF Print Plug-In for Office	г	20HB	imagePROGRAF Status Monitor	7
	User Manual	¥	125HB	Media Configuration Tool	2
			59MB	Digital Photo Front-Access	7
			144MB	Light Source Check Tool	7
			then displays	are names with the mouse, and y application software that is n 3. Job Monitor is numing, be su	the softwork

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

	Select Country or Region of Use
STEP 1 License Agreement	Media Configuration Tool applies the standard media type settings Cano recommends for use in each country or region to the following: - Printer
STEP 2 Printer Selection	- Printer driver - Pielated software
STEP 3 Installation	Choose the country or region in which the printer will be used.
STEP 4 Complete Installation	◯ Japan ☉ North or South America. ◯ EU
STEP 5 Finish	O Asia O Oceania
	Gancel Back Next



8

2

After reading the license agreement, click **Yes**.

	Installation Flow	License Agreement Please read the following license agreement carefully and completely, if you access the agreement click (Yas.	
TEP	1 License Agreement	CANON SOFTWARE LICENSE AGREEMENT	^
TEP TEP TEP	Printer Selection 3 Installation 4	SOFTWARE This legid scorent is a license apprend between you wild Caron he. (Covern') generation you used the advisers and the online of electric messal electronic score of the score of the online of electronic score Covern's generation of the score of	
	Complete Installation	In consideration of the right to use the SOFTWARE, you agree to abide by the terms and conditions of this Agreement.	
TEP	s Finish	1 GRANT OF LICENSE AND RESTRICTIVIE You may use (Yoar' shall mean storing, loading, installing, executing, or displaying) the SOTWARE on your computer solely for the use with Canno's inkiel printer (PRINTEY). You may allow other users of other computers connected by way of a network to the PRINTER - an analytic computer anargement (the TAU Users') to use the COTMINTER - and other computers anargement (the TAU Users') to use the COTMINTER - and other to user anargement (the TAU Users') to use the COTMINTER - and other to user anargement (the TAU Users') to use the COTMINTER - and other to user anargement (the TAU Users') to use the COTMINTER - and other to user anargement (the TAU Users') to use the COTMINTER - and other to user anargement (the TAU Users') to use the Adult and the COTMINTER - and the CotMINTER - and the TAU Users') to use the Adult and the COTMINTER - and the CotMINTER (the TAU Users') to use the Adult and the COTMINTER - and the CotMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the COTMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the COTMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINTER - and the CotMINTER - and the Adult and the CotMINTER - and the CotMINT	2
		Do you accept the conditions of this license agreement?	
		Back Yes No	



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

Installation Flow STEP 1 License Agreement	Extended Survey Program For development and merkeling of products that better meet custor needs, Cenon requests that the information below, related to your Cenon product, be sent to Canon through the intermet.	n
STEP 2 Information	Information related to Canon Large Format Printer 1.Your computer's OS version, language and display setting information 2. Printer's ID number, installation date and time, ink use information, sheet	
STEP 3 Printer Selection	use information, number of sheets printed, 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	1
STEP 5 Complete Installation	In this survey, we will not send any importancial about other than that above or any of your personal information. For this reason, from the information that is 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	
Finish	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.	
	Back Do not agree	Ì



Installation Flow	questionnaire Thank you for your cooperation with the Extended Survey Program. In the Extended Survey Program, we request that you cooperate with a
STEP 1 License Agreement	questionnaire 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 (secondary):
STEP 5 Complete Installation	Not specified Company size:
STEP 6 Finish	Not specified
	You can proceed to the next task even without specifying an item of the questionnaire.
	Cancel Back Next

8

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

Installation Flow	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 (main):
STEP 4 Installation	Printing purpose 2 (secondary):
STEP 5 Complete Installation	Not specified
STEP 6 Finish	Not specified
	If the content of the questionnaire is correct, click [Next]. To correct it, click [Back
	Cancel 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

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Canon	ا فیک	mageprograf
imagePROGRAF Support Information		IPEXXX
Using Your imagePROGRAF Printer	Stay Informed	
User's Manual	Visit the imagePROGRAF website for news and printing tips.	
and the printer user's manual.	Visit the imagePROGRAF webpage	
Paper Reference Guide		
ew information about paper that can be used with the printer. In the latest version of the Media Configuration Tool to make sure the		
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	R Mr Computer	現100% +

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

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Important

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• 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



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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 11 to complete the installation of the software and electronic manuals.

MEMO F

• 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 License Agreement STEP 2 Printer Selection STEP 3 Installation STEP 4 Complete Installation	The xx retroad The primer are on: The primer are one connected to the computers by the primer are connected to the computers by the primer are one and the primer driver again. The primers were not found even after following the above steps Direct-the P-address of the primers and then driver in the network, and primers are driver and then driver in the network, and address of backback prices in the been assigned, set the addresses before proceeding
step 5 Finish	
	Cancel

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 v10.5.8 to v10.7

Install the software



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

Next

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.

qu	est	ion	nair	e

	Thank you for your cooperation with the Extended super Program. In the Extended Super Program, we request that you cooperate with a questionnaire concerning the product you are using as part of the information we are collecting. This information will bu useful to us in understanding what types of customer are using the product.		
Business		Not specified	\$
Printing	purpose 1 (main):	Not specified	\$
Printing	purpose 2 (secondary):	Not specified	\$
Compan	y size:	Not specified	\$
	proceed to the next task ever he questionnaire.	n without specifying a	n

Back Cancel

13	Confirm your questionnaire responses, and click Next .
	Confirmation of the questionnaire

0	Please confirm the que Survey Program.	stionnaire of the Extended	
Business		Not specified	A T

Printing purpose 1 (main):	Not specified	÷,

Printing purpose 2 (secondary): Not specified

Not specified Company size:

12

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









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×	1 of 1 selected, Zero KB available	

User Manual :	English	•
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Check the message and click Continue.

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

0.00	iPExxxx Manual Installer
	Read Me
@ Read Me	Clicking the Install button installs the following items:
License	-Canon IPExxxx Manual
Installation Type	If you move the manual to another folder after installation, you will
Installing	be unable to access the manual from the desktop icon or from the User Manual button in the printer driver or other applications.
Finish Up	However, you can still open the manual file directly.
	Reinstallation
	Reinstallation will overwrite the manual in the location where it
	was previously installed. For this reason, if you choose a different region and/or language
	from the previous installation during reinstallation, the original
	manual can no longer be accessed. If you need to keep a previously installed manual, move that
	If you need to keep a previously installed manual, move that manual file to another location before reinstallation.
	Note that the desktop icon and the User Manual button in the
	printer driver and other applications will open the manual that was reinstalled.
	Be sure to select the same language for uninstallation that was
	selected at installation.
	Installation powered by VISE X
	Print) Save) Go Back Continue
1.10	



13



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 iPF Support icon in the Dock (Launchpad in OS X v10.7 and later).
Brace Manual Installer Brad Me Cleans	Plead Me Clease Clea	
Dails space available > xG8 Approximate dails space available to so so x x1.0	installation powered to VOLX	
	The electronic manuals installation is now completed.	
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.		
The second		
Cover facility of an and particular of any many particular of any of a state		



Store Accessories in the Pocket



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.



2

If you are using a stand, store accessories such as the **3-inch paper core attachment** in the accessory pocket.



• 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. For details of operation procedure, refer to User's Guide installed in "Install the Software and the Electronic Manuals".

Message	Cause	Corrective Action
No ink tank loaded. Check ink tank.	There is no ink tank loaded.	Load or reload the ink tank. (See steps 4-12 on pages 3-4)
Cannot recognize print head x.	The printhead is not installed.	Install the printhead. (See steps 1-12 on pages 5)
Paper loaded crooked.	The loaded paper is crooked.	Reload the roll of paper. (See steps 10 and 11 on page 7) 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 6)
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.

