

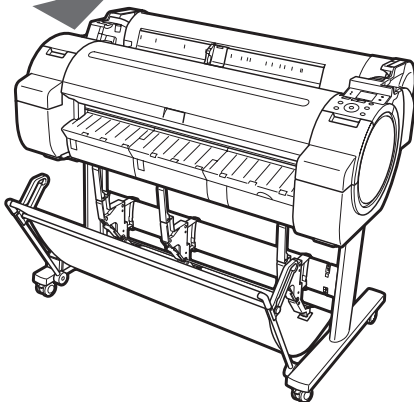
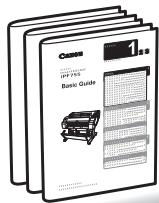


Large-Format Printers

imagePROGRAF

iPF650/iPF655
iPF750/iPF755

Basic Guide



Printer Operations

1

2

3

This Basic Guide includes three booklets.
Read this manual first.

Printer Operations

1

⚠ Safety Precautions	2
Types of manuals	5
Documentation Conventions	6
Parts	8
Attaching the Roll Holder to Rolls	12
Loading Rolls in the Printer	14
Removing the Roll from the Printer	16
Loading Sheets in the Printer	18
Removing Sheets	20
Consumables	21
Replacing Ink Tanks	22
Replacing the Maintenance Cartridge	26
Replacing the Printhead	30
Menu Map	35

Troubleshooting

2

Troubleshooting	2
If Roll Paper Jams	18
If a Sheet Jams	21
If Paper is Soiled	23
If Printing is Faint	25
If Vertical Lines are Warped or Colors are Misaligned	26
If Banding Occurs	28
If Line Length Does Not Match	30
Error Messages	32

Printer Relocation

3

Preparing to Transfer the Printer	2
Reinstalling the Printer	6

Printer Driver Installation

Installing the Printer Driver (Windows)	9
Installing the Printer Driver (Mac OS X)	11
Convenient Printer Driver Features	13

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

ENG

Safety Precautions

Follow the warnings and precautions below to use the printer safely. Do not perform any operations or procedures other than as described in this manual. Doing so may result in unexpected accidents and can cause a fire or electrical shocks.



Warning

Printer location



- Do not set up the printer in any location exposed to alcohol, thinner, or other volatile liquids. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Power Supply



- Never handle the power cable with wet hands. Doing so may cause electrical shock.



- Insert the power cable securely and completely into the power source. If the power cable is not inserted completely, this could cause a fire or electrical shock.



- Do not use any power cable other than the one provided. This could cause a fire or electrical shock. Never use the power cable with any other electrical device.



- Never cut the power cable or attempt to modify it, and never stretch it or bend it forcefully. Never place a heavy object on the power cable. Damaged sections of the power cable could cause a short circuit and may cause a fire or electrical shock.



- Never connect the power cable to a power strip or any power source shared by other electrical devices. This could cause a fire or electrical shock.



- Never knot the power cable or wrap it around itself. This could cause a fire or electrical shock.



- Periodically disconnect the power cable and use a dry cloth to wipe away dust that has collected on the plug and the area around the power outlet. Leaving the power cable plugged in and not cleaned for a long period, especially in an area subject to dust, oil, and humidity, could cause the insulation material to deteriorate and lead to a fire.

In an Emergency



- If the printer emits smoke or strange odors, continuing to use the printer may cause a fire or electrical shock. Switch the printer off immediately and remove the power plug from the power outlet. Contact the nearest service center.

Cleaning the Printer



- For cleaning, use a cloth dampened in water. Never use flammable solvents such as alcohol, benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Pacemakers

- This printer generates a low-level magnetic field. Anyone wearing a pacemaker who experiences discomfort while working around the printer should leave the area. Consult a physician before continuing to work around the printer.

Caution

■ Printer location



- Never install the printer on an unstable or vibrating surface. If it falls over, this could cause personal injury.



- Never set up the printer in a location that is exposed to high humidity or large amounts of dust, or exposed to direct sunlight, high temperature, or open flame. This could cause a fire or electrical shock. Use the printer location in an environment where temperature and humidity are within the ranges of 15°C to 30°C (59°F to 86°F) and 10 to 80% RH (with no condensation).



- Never place the printer on a heavy wool or shag carpet. The fibers may enter the printer and cause a fire.



- Keep the area around the power outlet clear of items so that you can disconnect the power cable immediately if the printer starts operating abnormally. In the event of a printer malfunction, remove the power cable from the outlet as soon as possible to prevent fire and electrical shocks.



- Do not install the printer near sources of strong electromagnetic fields, whether equipment that generates such fields or places where such fields occur. This could damage the printer or cause malfunction.

■ Moving the Printer



- The weights of main printer units are as follows:
iPF750 or iPF755: approx. 52 kg (115 lb)
iPF650 or iPF655: approx. 43 kg (95 lb)

- Moving the printer requires at least three people, holding it on both sides and from behind. Be careful to avoid back strain and other injuries.



- When moving the printer, firmly grasp the **Carrying Handles** under each side and in back. Holding the printer at other positions is dangerous and poses a risk of injury and damage if the printer is dropped.

■ Power Supply



- Always grip the plug to remove the power cable from the power outlet. Pulling on the power cable could damage the cable and lead to a fire or electrical shock.



- Never use an extension cord. This could cause a fire or electrical shock.



- Never use any power source other than 100–120 / 220–240 V AC. This could cause a fire or electrical shock. The printer operating conditions are described below. Use the printer under the following conditions.

Power supply voltage: 100–120 / 220–240 V AC

Power supply frequency: 50/60Hz

■ Cleaning the Printer



- Always disconnect the power cable from the outlet before cleaning the printer. If the printer is switched on accidentally, moving parts inside the printer may cause personal injuries.

■ Printhead, Ink Tanks, and Maintenance Cartridge



- Always store consumables in a safe location out of the reach of small children. If a child licks or ingests ink accidentally, seek medical assistance immediately.

- If ink accidentally gets in your eyes, immediately rinse with water.

If ink gets on your skin, immediately clean it off with soap and water.

If irritation persists in your eyes or on your skin, contact a physician immediately.



- Avoid dropping or shaking printheads, ink tanks, and maintenance cartridges. Spilled ink can stain clothing and the work area.



- Never touch the electrical contacts of the Printhead after printing. The contacts become extremely hot and can cause minor burns.

Other



- Never disassemble the printer or attempt repairs. There are high voltage parts inside the printer that can cause a fire or electrical shock.



- Never use flammable sprays around the printer. The gas of flammable sprays can cause a fire or electrical shock, if it contacts high voltage points inside the printer.



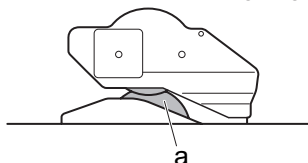
- Never insert your hand into the printer while it is printing. Moving parts inside the printer can cause injuries.



- Never place anything on the printer such as small metal objects (paper clips, staples), liquids, any type of liquid container that contains flammable liquids (alcohol, benzene, etc.). If such objects fall into the printer, this could cause a fire or electrical shock.



- After removing the **Cutter Unit**, never touch the cutting edge (a). This could cause personal injury.



- To prevent a fire hazard or dangerous electric shock, if a foreign object falls into or a liquid spills into the printer, press the Power button immediately to switch the printer off, unplug the printer power cable from the outlet, and then call for service. If you continue to use the printer, this could cause a fire or electrical shock.

- Connect the interface cable correctly. To avoid damage, before connection make sure that the shape of the cable connector matches the connection point on the printer.



- During printing, turn on the ventilation system in the room.



- We recommend ensuring ample space for installation.

Trademarks

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 trademark of Apple Inc., registered in the U.S. and other countries.

Other company and product names in this guide are trademarks or registered trademarks of their respective owners.

Legal Notice

It is illegal to reproduce currency, bills, negotiable securities and other documents prohibited by law. Reproduction of such items may be subject to criminal prosecution.

It is illegal to reproduce legal certificates, licenses, travel tickets, and certain public and private documents prohibited from reproduction by law. Reproduction of such items may be subject to criminal prosecution. Please note that intellectual property protected by copyright may not be reproduced without the express permission of the copyright holder except for personal or household use under limited circumstances.

Types of manuals

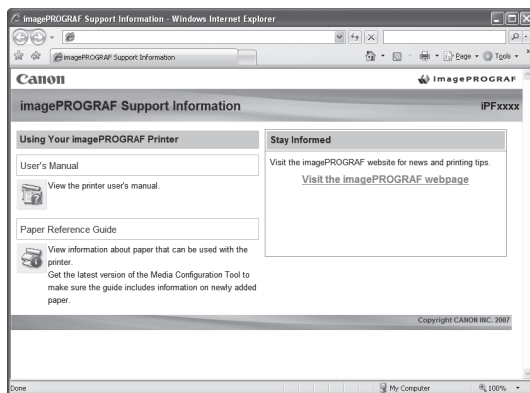
Types of manuals

Title	Details
Setup Guide	Instructions for unpacking and setting up the printer, and for installing the printer driver
Basic Guide 1 (this manual) Printer Operations	Descriptions of basic printer operations
Basic Guide 2 Troubleshooting	Troubleshooting tips
Basic Guide 3 Printer Relocation / Printer Driver Installation	Instructions for preparing to relocate the printer and for software installation
User Manual (electronic manual)	Detailed instructions for using the printer
Paper Reference Guide (electronic manual)	Information on paper you can use with the printer

Accessing the electronic manuals

The electronic manuals are accessible from imagePROGRAF Support Information.

Besides the electronic manuals, you can also access the imagePROGRAF website from imagePROGRAF Support Information.



- **User Manual**

The User Manual gives detailed operating instructions for the printer, as well as troubleshooting tips in case of printing issues.



- **Paper Reference Guide**

The Paper Reference Guide identifies the types of paper you can use with the printer and gives specifications.

- **Stay Informed**

Provides access to the imagePROGRAF website, where you can find news on a variety of printing topics and tips on getting the most from your printer.




Access imagePROGRAF Support Information as follows.

Windows Double-click the iPFxxxx Support desktop icon. (xxxx indicates the printer model.)	 iPFxxxx Support
Mac OS X Click the iPF Support icon in the Dock.	

Documentation Conventions

Symbols

The following symbols are used in this document to indicate safety information and explanations of restrictions or precautions in use.

	Caution	Indicates caution items for which operating error poses a risk of injury or damage to equipment or property. To ensure safe use, always follow these precautions.
	Important	Indicates important information that must be followed when using the printer. Be sure to read this information to prevent printer damage or operating errors.
	Note	Indicates helpful reference information and supplemental information on particular topics.

Cross-reference

Additional sources of information are identified as follows in the documentation.

In the Basic Guides: (Guide number and section title)	(→ 1 , Section title), (→ 2 , Section title), (→ 3 , Section title)
In the User Manual:	(→ "Section title," User Manual)

Text conventions and illustrations

Button names and user interface elements

Key and button names on the control panel and user interface elements in software (such as menus and buttons) are indicated as follows in this document.

Control panel buttons	Example: Press the OK button.
Control panel messages	Example: Head Cleaning is displayed.
Software interface items (menus and buttons)	Example: Click OK .
Keyboard keys	Example: Press the Tab key.

Part names

Names of printer parts are indicated as follows in this document.

Printer part names	Example: Open the Top Cover .
--------------------	--------------------------------------

Figures and software screens

- Instructions that apply to the iPF650, iPF655, iPF750, and iPF755 alike are given with figures depicting the iPF755. Illustrations may therefore look different from the appearance of your printer in some cases, but basic operations are the same.
- Screens depicted in this document for the printer driver or other software may look different from the actual screens because of subsequent updates.
- Windows XP screens are used in explanations of Windows operations.

FCC Regulations (U.S.A)

Canon Large Format Printer	iPF650	iPF655	iPF750	iPF755
----------------------------	--------	--------	--------	--------

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual.

If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A. Inc.

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

Tel No. 516-328-5600

For CA, USA Only

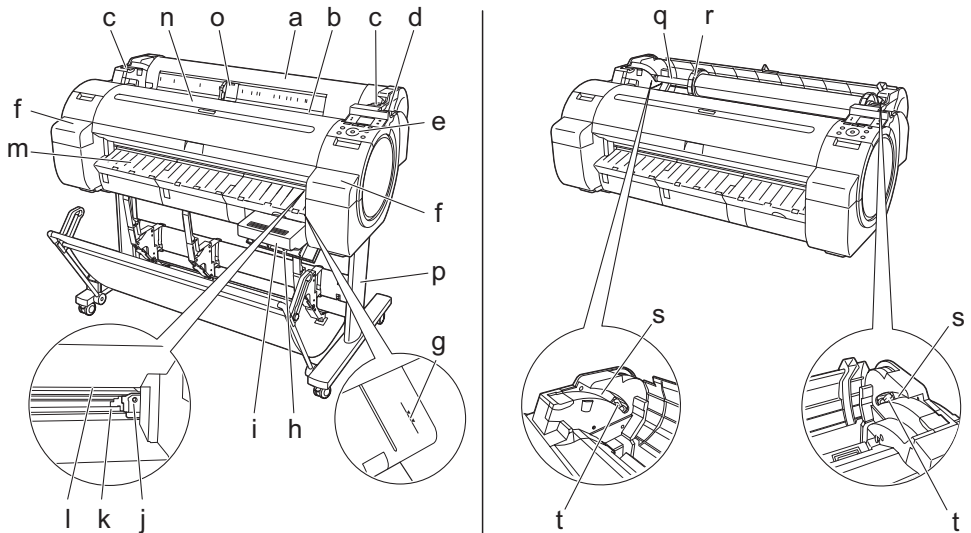
Included battery contains Perchlorate Material - special handling may apply.

See <http://www.dtsc.ca.gov/hazardouswaste/perchlorate/> for detail.

Parts

Names and functions of printer parts are as follows.

Front



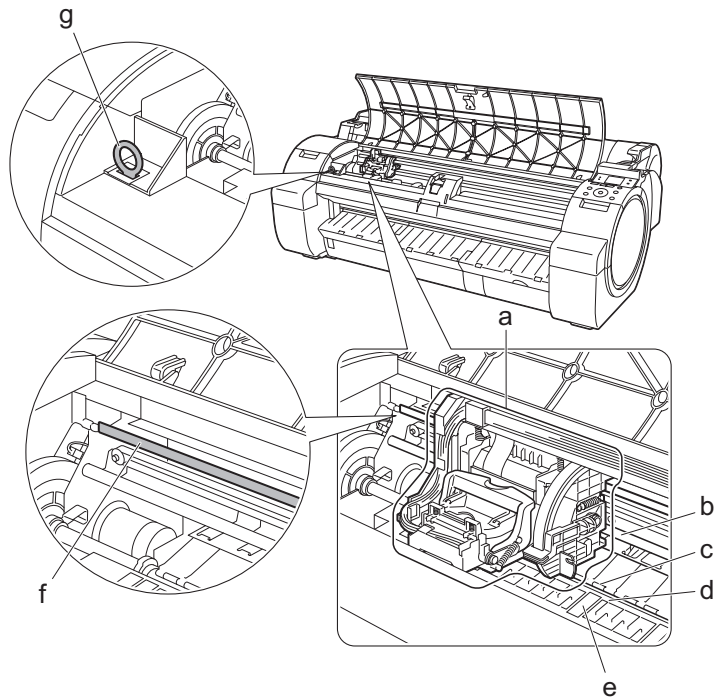
	Name	Operation
a	Roll Cover	Open this cover to load rolls.
b	Paper Feed Slot	When loading paper, insert it here.
c	Roll Ledge	When loading rolls, rest the Roll Holder here before loading it in the Roll Holder Slot .
d	Release Lever	When releasing the Paper Retainer , push this lever back.
e	Control Panel	Use this panel to operate the printer and check the printer status.
f	Ink Tank Cover	Open this cover to replace an Ink Tank.
g	Paper Alignment Line	An orange line for alignment of paper.
h	Maintenance Cartridge Cover	Open this cover to replace the Maintenance Cartridge.
i	Maintenance Cartridge	Absorbs ink used for maintenance purposes such as head cleaning. (Replace the cartridge when it is full.)
j	Cutter Unit	A round-bladed cutter for automatic roll cutting.
k	Cutter Rail	The Cutter Unit passes over this rail to cut paper.
l	Output Tray	All printed documents are ejected from this slot.
m	Ejection Guide	Guides printed documents as they are ejected.
n	Top Cover	Open this cover to install the Printhead and remove any jammed paper from inside the printer, as needed.
o	Width Guide	When loading the sheets, move the guide to match the paper size.
p	Stand	A stand that holds the printer. Equipped with casters to facilitate moving it. (iPF750 and iPF755 only.)
q	Roll Holder	Load the roll on this holder.
r	Holder Stopper	Secure rolls on the Roll Holder with this part.
s	Roll Loading Slots	Slide the Roll Holder along these slots.
t	Roll Holder Slot	Load the Roll Holder into this holder slot.



MEMO

- The **Stand** is provided as a standard accessory with the iPF750 and iPF755.
- With the iPF650 and iPF655, the **Stand** is normally offered as an option, but it may be provided as a standard accessory in some sales regions.

Top Cover (Inside)



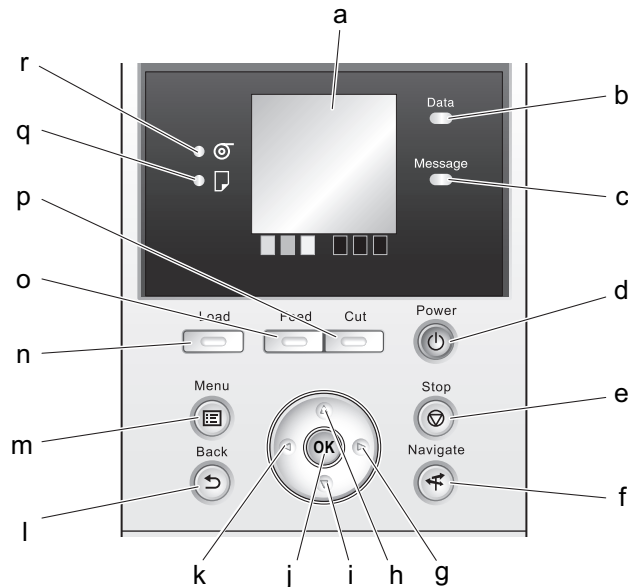
	Name	Operation
a	Carriage	Moves the Printhead. The carriage serves a key role in printing.
b	Carriage Shaft	The Carriage slides along this shaft.
c	Paper Retainer	Important in supplying the paper. This retainer holds paper as it is fed.
d	Platen	The Printhead moves across the platen to print. Vacuum holes on the platen hold paper in place.
e	Borderless Printing Ink Grooves	For catching ink outside the edges of paper during borderless printing.
f	Linear Scale	The linear scale serves a key role in detecting the Carriage position. Be careful not to touch this part when cleaning inside the Top Cover or clearing paper jams.
g	Cleaning Brush	When cleaning inside the printer under the Top Cover , use this brush to sweep away paper dust on the Platen .







Important

- Do not touch the **Carriage Shaft** (b) or **Linear Scale** (f). Touching these parts may damage them.

Control Panel



	Name	Operation
a	Display Screen	Shows the printer menu, as well as the printer status and messages.
b	Data Lamp (green)	Indicates the status of print jobs or the printer firmware.
c	Message lamp (orange)	Lit or flashes when messages are displayed. When the lamp is off, the printer is operating normally or turned off.
d	Power button (green)	Turns the printer on and off. The power button is lit when the printer is on or in Sleep mode.
e	Stop button	Cancels print jobs in progress and ends the ink drying period.
f	Navigate button	Enables you to check instructions for loading and removing paper or replacing ink tanks or printheads, as well as other operations.
g	► button	Press this button on the Tab Selection screen to move to another tab. In menu items requiring numerical input, press this button to move to another digit.
h	▲ button	Press this button when viewing menus to display the previous menu item or setting value.
i	▼ button	Press this button when viewing menus to display the next menu item or setting value.
j	OK button	Press this button on the Tab Selection screen to display the menu of the tab shown. Pressing this button in menu items of each tab for which  is displayed at left will move to the lower level of the menu item, enabling you to execute menu commands or set menu values. Also press this button if the Display Screen indicates to press the OK button.
k	◀ button	Press this button on the Tab Selection screen to move to another tab. In menu items requiring numerical input, press this button to move to another digit.
l	Back button	Displays the screen before the current screen.
m	Menu button	Displays the Tab Selection screen . (→  , Menu Map)
n	Load button	Press this button when loading or replacing paper. (→  , Loading Rolls in the Printer), (→  , Loading Sheets in the Printer)
o	Feed button	Pressing this button when rolls are loaded enables you to reposition the paper.
p	Cut button	Pressing this button when rolls are loaded cuts the paper.
q	Cut Sheet lamp (green)	Lit when sheets are selected as the paper source.
r	Roll Media lamp (green)	Lit when rolls are selected as the paper source.



- To recover from Sleep mode, any button can be pressed except the **Power** button.

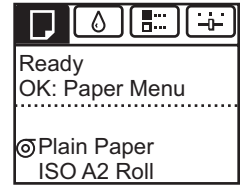
Menu operations

Navigate and perform menu operations on the control panel as follows.

After the printer starts up, the **Tab Selection screen** is shown on the **Display Screen**.

Information is organized in four tabs, and you can press control panel buttons to access menus and set or execute items for each tab.

(→ **1**, Menu Map)



- | | | |
|--|----------------------------------|---|
| | (Paper tab) | A tab indicating status and showing menus related to paper. |
| | (Ink tab) | A tab indicating status and showing menus related to ink. |
| | (Job tab) | A tab indicating status and showing menus related to print jobs. |
| | (Settings/Adj. tab) ... | A tab indicating status and showing menus related to settings and adjustment. |

• Accessing tab menus

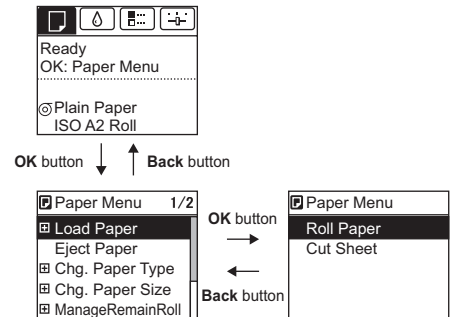
To select tabs, press ◀ or ▶ on the **Tab Selection screen**, and then press the **OK** button.

Tab menus are now displayed.

To select a menu, press ▲ or ▼, and then press the **OK** button.

The menu is selected, and menu items are now displayed.

To access lower-level menus for menus labeled with at left, select the menu and press the **OK** button.



• Specifying menu items

Press ▲ or ▼ to select desired settings, and then press the **OK** button.

The check box at left is selected, and the setting is confirmed. After two seconds, the display reverts to the upper level menu.

• Specifying numerical values

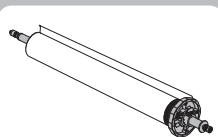
Follow these steps to enter numbers. In this example, network settings items are entered.

1. For numerical input, press ◀ or ▶ to move the cursor (shown as an underscore) to other fields.
2. Press the ▲ or ▼ button to enter the value.
3. Repeat steps 1 and 2 to complete the settings, and then press the **OK** button.

• Executing menu commands

Press ▲ or ▼ to select the action to execute, and then press the **OK** button.

The menu command is now executed.



Attaching the Roll Holder to Rolls

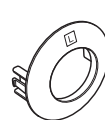
Attach the roll holder to rolls as follows.

When printing on rolls, attach the **Roll Holder** to the roll.

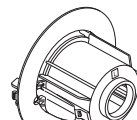
Rolls have a two- or three-inch paper core. Use the correct attachment for the paper core. The printer comes equipped with the **2-Inch Paper Core Attachment** installed.

Parts to Prepare

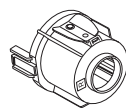
- Using rolls with a 2-inch paper core
2-Inch Paper Core Attachment (a)
- Using rolls with a 3-inch paper core
3-Inch Paper Core Attachment L (b)
3-Inch Paper Core Attachment R (c)



a



b



c



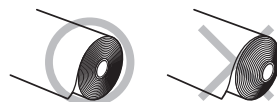
Caution

- Set the roll on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.



Important

- When handling the roll, be careful not to soil the printing surface. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- Use scissors or a cutting tool to cut the edge of the roll paper if it is uneven, dirty, or has tape residue. Otherwise, it may cause feeding problems and affect the printing quality. Be careful not to cut through any barcodes printed on the roll.
- Align the edges of the paper on both ends of the roll. Misalignment may cause feeding problems.

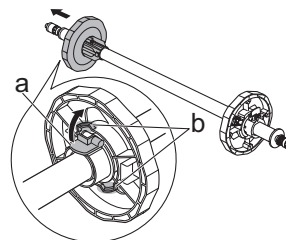


MEMO

- For details on supported sizes and types of rolls, see "Paper Sizes" or the Paper Reference Guide. (→"Paper Sizes," User Manual), (→"Types of Paper," User Manual)
- To view instructions as you attach the **Roll Holder**, press the **Navigate** button.

1

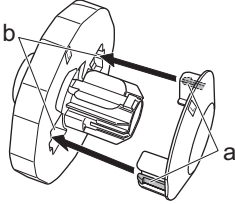
Lift the **Holder Stopper** lever (a) from the shaft side to unlock it. Holding the **Holder Stopper** at the position indicated (b), remove it from the **Roll Holder**.



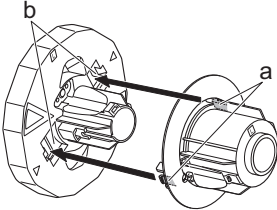
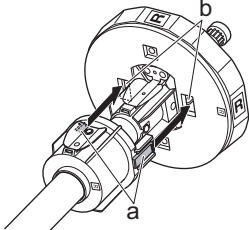
2

Insert the respective attachments for the roll paper core on the **Roll Holder** and **Holder Stopper**.

• Using rolls with a 2-inch paper core

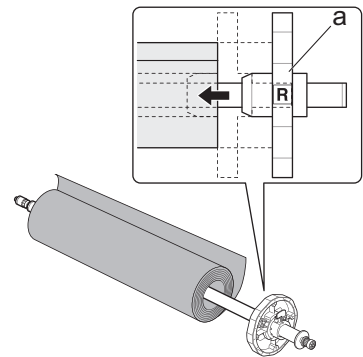
Holder Stopper (Left Side)	Roll Holder (Right Side)
<p>Align the tips (a) of the 2-Inch Paper Core Attachment with the holes (b) of the Holder Stopper and insert it firmly.</p> 	<p>No attachment is needed.</p>

• Using rolls with a 3-inch paper core

Holder Stopper (Left Side)	Roll Holder (Right Side)
<p>Align the tips (a) of the 3-Inch Paper Core Attachment L with the holes (b) of the Holder Stopper and insert it firmly.</p> 	<p>Align the tips (a) of the 3-Inch Paper Core Attachment R with the holes (b) of the Holder Stopper and insert it firmly.</p> 

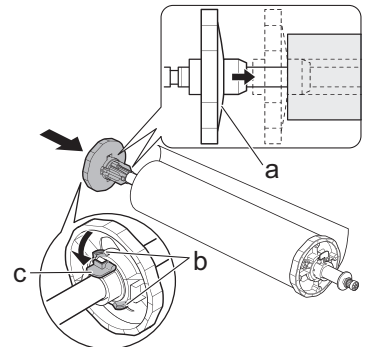
3

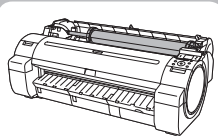
With the edge of the roll paper facing forward as shown, insert the **Roll Holder** from the right of the roll. Insert it firmly until the roll touches the flange (a) of the **Roll Holder**, leaving no gap.



4

Insert the **Holder Stopper** from the left in the **Roll Holder** as shown. Holding it at the position shown (b), push it firmly in until the flange (a) of the **Holder Stopper** touches the roll. Lock the **Holder Stopper** lever (c) by pushing it down toward the shaft side.





Loading Rolls in the Printer

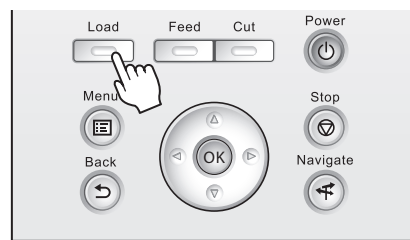
Load rolls in the printer as follows.



- Before loading rolls, make sure the printer is clean inside the **Top Cover** and around the **Ejection Guide**. If these areas are dirty, we recommend cleaning them in advance. (→ **2**, If Paper is Soiled)

1

Press the **Load** button.



2

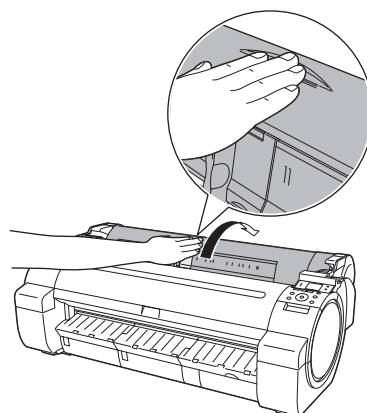
Press **▲** or **▼** to select **Load Roll Paper**, and then press the **OK** button.



- If any paper has been advanced that will not be used, a message is shown requesting you to remove it. Press **▲** or **▼** to select **Yes**, and then press the **OK** button. Remove the paper and go to the next step.

3

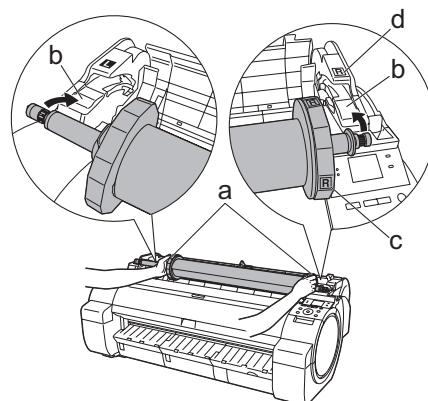
Positioning your hands as shown, open the **Roll Cover**.



4

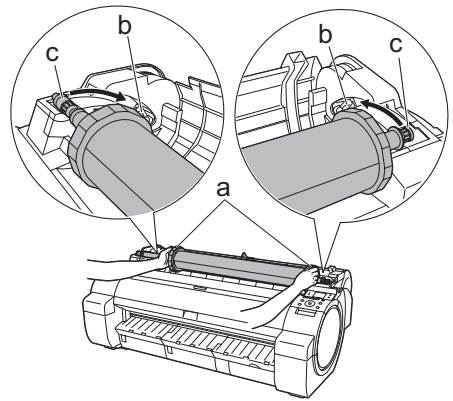
Holding the **Roll Holder** flange (a), rest the **Roll Holder** shaft on the **Roll Ledge** (b).

At this time, position the holder so that the R label on the **Roll Holder** flange (c) is aligned with the R label on the printer (d), as shown.



5

Holding the **Roll Holder** flange (a), guide the holder along the **Roll Loading Slots** (b) on both ends, keeping the holder level as you load it in the **Roll Holder Slot**.

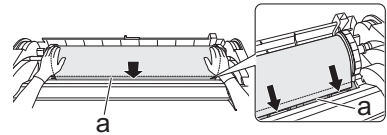


Caution

- Do not force the **Roll Holder** into the printer with the right and left ends reversed. This may damage the printer and **Roll Holder**.
- Do not release the flanges until you load the holder fully in the **Roll Holder Slot**, keeping it level. Accidentally loading the **Roll Holder** crooked may damage the printer or **Roll Holder** when paper is advanced.
- Be careful not to pinch your fingers between the **Roll Loading Slots** (b) and the **Roll Holder** shaft (c) when loading rolls.

6

Advance the leading edge of the roll in the **Paper Feed Slot** (a) until you hear a tone.

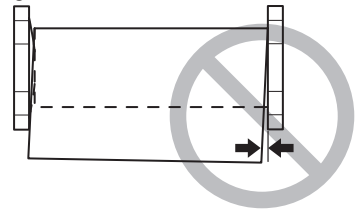


The printer now starts advancing the paper, and a menu for selection of the type of paper is shown on the **Display Screen**.



Important

- Be careful not to soil the printing surface of roll paper as you insert it in the slot. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- If the paper is wrinkled or warped, straighten it out before loading it.
- Load paper straight so it is not fed askew.



7

Press **▲** or **▼** to select the type of paper, and then press the **OK** button.

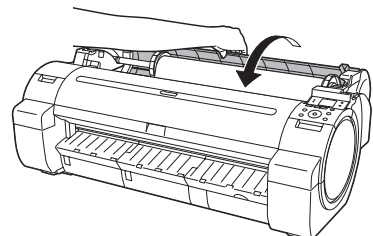


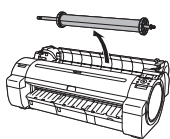
MEMO

- For details on types of paper to select, see the Paper Reference Guide. (→ 1, Types of Manuals)

8


Holding it at the positions indicated, close the **Roll Cover**.

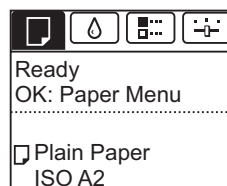




Removing the Roll from the Printer

Remove rolls from the printer as follows.

- 1 On the **Tab Selection screen** of the **Control Panel**, press ◀ or ▶ to select the **Paper tab** ().



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.
The **Paper Menu** is displayed.

- 3 Press ▲ or ▼ to select **Eject Paper**, and then press the **OK** button.

- 4 Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
The roll is now rewound and ejected.

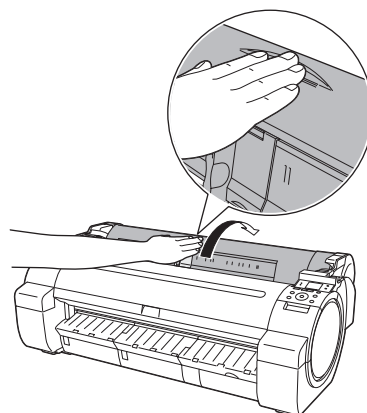


Caution

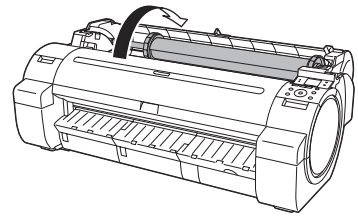
- If you have selected **ManageRemainRoll > On** in the **Control Panel** menu, a barcode is printed on the leading edge of the roll.
Do not remove the roll before the barcode is printed.
You will be unable to keep track of the amount of roll paper left.
(→ "Keeping Track of the Amount of Roll Paper Left," User Manual)



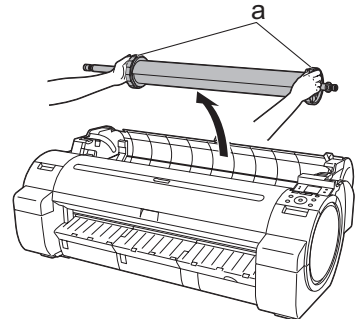
- 5 Positioning your hands as shown, open the **Roll Cover**.



- 6** Using both hands, rotate the **Roll Holder** toward the back to rewind the roll.



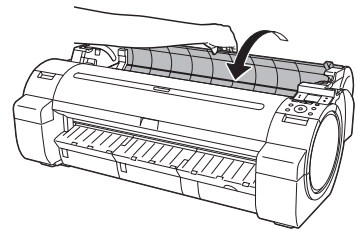
- 7** Holding the **Roll Holder** flange (a), remove the holder from the **Roll Holder Slot**.



MEMO

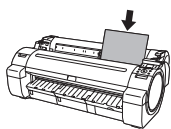
- See the following procedure for instructions on removing the **Roll Holder** from the roll.
(→ "Removing the Roll Holder from Rolls," User Manual)

- 8** Holding it at the positions indicated, close the **Roll Cover**.



MEMO

- To load new paper in the printer at this point, see the following procedure.
(→ **1**, Loading Rolls in the Printer)



Loading Sheets in the Printer

Load sheets in the printer as follows.



Important

- One sheet of paper can be loaded in the **Paper Feed Slot** at a time. Do not load more than one sheet at a time. This may cause paper jams.
- Before feeding paper or printing, make sure the sheet is flat against the **Roll Cover**. The sheet may jam if it curls before feeding or printing and the trailing edge drops toward the front.



MEMO

- Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.
- Paper that is wrinkled or warped may jam. If necessary, straighten the paper and reload it.
- Load the paper straight. Loading paper askew will cause an error.

1

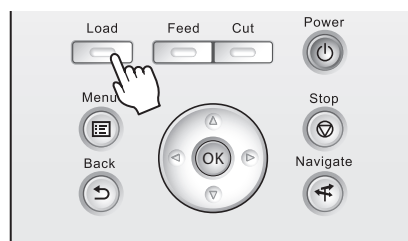
Select sheets as the paper source.

• If a print job was received

Sheets are automatically selected, and the media type and size specified by the print job are shown on the **Display Screen**. Go to the next step.

• If no print job was received

1. Press the **Load** button.



2. Press **▲** or **▼** to select **Load Cut Sheet**, and then press the **OK** button.

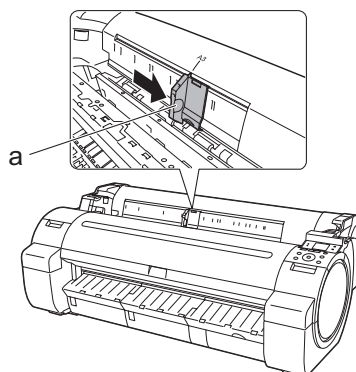


MEMO

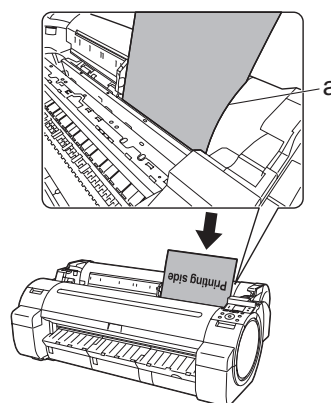
- If any paper has been advanced that will not be used, a message is shown requesting you to remove it. Press **▲** or **▼** to select **Yes**, and then press the **OK** button. Remove the paper and go to the next step.

2

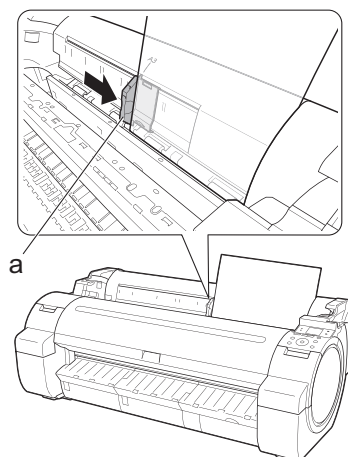
Slide the **Width Guide** (a) to align it with the mark for the size of paper you will load.



- 3** Load the sheet printing-side up in the **Paper Feed Slot**, with the right edge aligned with the **Paper Alignment Guide (a)** to the right of the **Roll Cover**. Insert the paper until the leading edge makes contact and you hear a tone.



- 4** Move the **Width Guide (a)** carefully to match the size of paper loaded. Set the **Width Guide** against the edge of the paper to prevent the paper from becoming crooked or wrinkled.

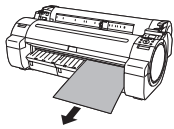


- 5** Press the **OK** button.
- **If a print job was received**
The printer now starts feeding the paper.
 - **If no print job was received**
A menu for selection of the type of paper is automatically shown on the **Display Screen**.
Press **▲** or **▼** to select the type of paper, and then press the **OK** button.
The printer now starts feeding the paper.



MEMO


- For details on types of paper to select, see the Paper Reference Guide.
(→ **1**, Types of Manuals)

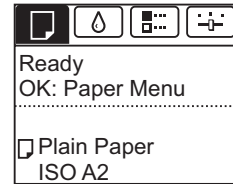


Removing Sheets

This section describes how to remove sheets from the printer.

1

On the **Tab Selection screen** of the **Control Panel**, press ◀ or ▶ to select the **Paper tab** ().



• If the **Tab Selection screen** is not displayed, press the **Menu** button.

MEMO

2

Press the **OK** button.
The **Paper Menu** is displayed.

3

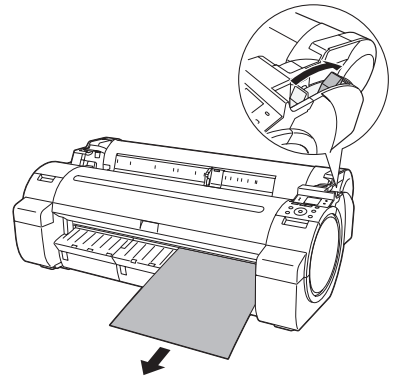
Press ▲ or ▼ to select **Eject Paper**, and then press the **OK** button.

4

Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
The paper is ejected from the front of the printer.

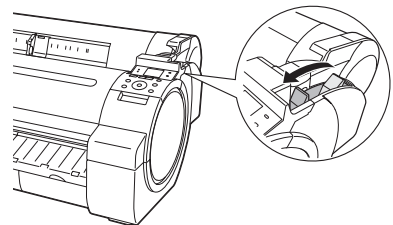
5

Holding the paper, push the **Release Lever** back and remove the sheet.



6

Pull the **Release Lever** forward.



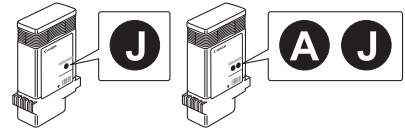
Consumables

Ink Tanks

Ink tanks that can be used in the printer are labeled with a white letter "J" in a black circle on the side. When purchasing ink tanks, make sure a "J" is printed on the label, along with the following Ink Tank serial numbers.

130 ml (4.4 fl oz.) per color

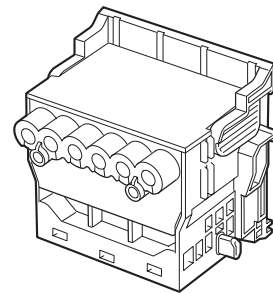
- MBK Ink Tank PFI-102MBK
- BK Ink Tank PFI-102BK
- C Ink Tank PFI-102C
- M Ink Tank PFI-104M
- Y Ink Tank PFI-102Y



- You can also use ink tanks other than M Ink Tank PFI-104M that are simply labeled "A."

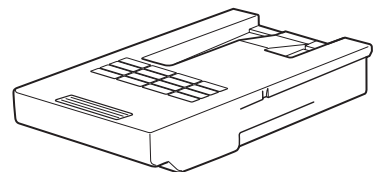
Printhead

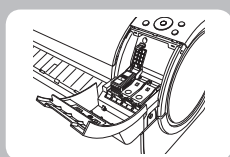
- Printhead PF-04



Maintenance Cartridge

- Maintenance Cartridge MC-10





Replacing Ink Tanks

Replace ink tanks as follows.

Compatible ink tanks

130 ml (4.4 fl oz) ink tanks can be used for replacement. (→ **1**, Consumables)

Precautions when handling ink tanks

Take the following precautions when handling ink tanks.



Caution

- There may be ink around the ink supply section of ink tanks you remove. Handle ink tanks carefully during replacement. The ink may stain clothing.



Important

- Do not install used ink tanks in another model of printer.
Do not install used ink tanks in another model of printer. This will prevent correct ink level detection, which may damage the printer or cause other problems.
- We recommend using up an Ink Tank in the course of printing within six months after breaking the seal. Printing quality may be affected if you use older ink tanks.
- Do not leave the printer without ink tanks installed for extended periods (a month or more). Residual ink may become clogged inside the printer and affect printing quality.

Make sure the printer is ready for ink tank replacement

Ink Tank replacement is possible in the following cases.

<p>You can replace ink tanks if the Display Screen advises you to check the amount of ink left or replace ink tanks.</p>	
<p>If a message requests you to replace ink tanks, press the OK button. In this case, go to "Remove the ink tanks" without following the instructions in "Access the menu for ink tank replacement."</p>	



Important

- Do not remove an Ink Tank during initialization immediately after turning on the printer, or during printhead cleaning.



MEMO


- Ink Tank replacement is possible even during printing, when print jobs are being canceled, or when paper is being advanced.

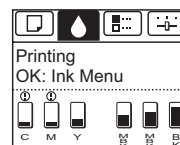
Access the menu for ink tank replacement



- This step is not necessary if a message requests you to replace ink tanks. Check the message on the **Display Screen** and press the **OK** button. Remove the Ink Tank at this point.

1

On the **Tab Selection** screen of the **Control Panel**, press ◀ or ▶ to select the **Ink tab** ().



- If the **Tab Selection** screen is not displayed, press the **Menu** button.

2

Press the **OK** button.
The **Ink Menu** is displayed.

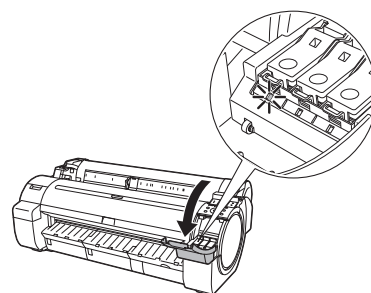
3

Press ▲ or ▼ to select **Rep. Ink Tank**, and then press the **OK** button.
A message on the **Display Screen** requests you to open the **Ink Tank Cover**. Remove the Ink Tank at this point.

Remove the ink tanks

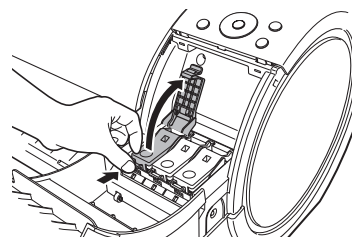
1

Open the **Ink Tank Cover** and check ink lamps.
Ink lamps flash when there is little ink left.

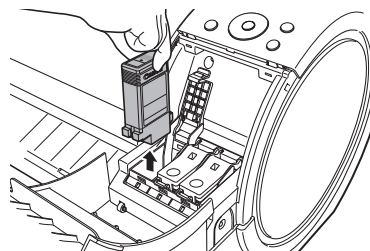


2

Press the tip of the **Ink Tank Lock Lever** of the color for replacement horizontally and lift the **Ink Tank Lock Lever** to open it.

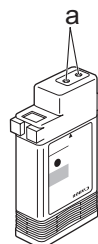


- 3 Hold the Ink Tank by the grips and remove it. Press the **OK** button.



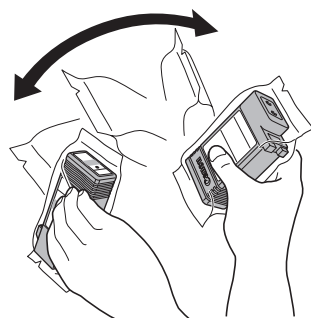
Caution

- If there is still ink in the Ink Tank you removed, store it with the ink holes (a) facing up. Otherwise, ink may leak and cause stains. Put the Ink Tank in a plastic bag and seal it.



Install the ink tanks

- 1 Before opening the pouch, gently agitate the Ink Tank once or twice.
Agitate the ink in the Ink Tank by slowly rotating the Ink Tank upside-down and right side up repeatedly.



Caution

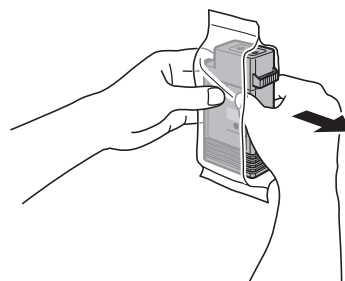
- Do not remove and agitate ink tanks that have already been installed in the printer. Ink may leak out.



Important

- If you do not agitate the Ink Tank, the ink may settle, which may affect printing quality.

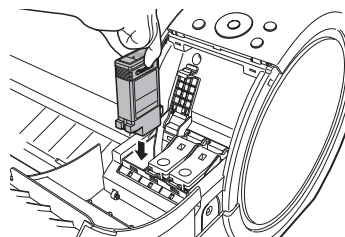
- 2 Open the pouch and remove the Ink Tank.



Caution

- Never touch the ink holes or electrical contacts. This may cause stains, damage the Ink Tank, and affect printing quality.

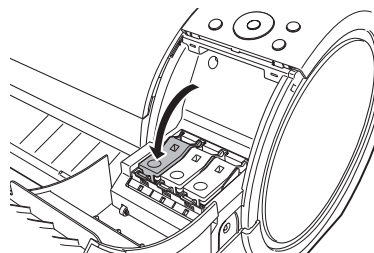
- 3** Press the **OK** button and insert the Ink Tank into the holder facing as shown, with the ink holes down.



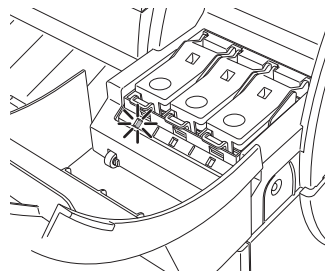
Important

- Ink tanks cannot be loaded in the holder if the color or orientation is incorrect. If the Ink Tank does not fit in the holder, do not force it into 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 before reloading it.

- 4** Push the **Ink Tank Lock Lever** closed until it clicks into place.



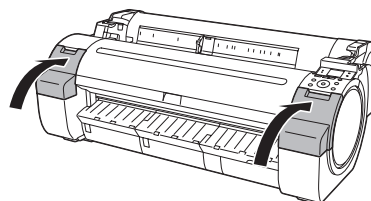
- 5** Make sure the **Ink Lamp** is lit in red.



MEMO

- If the **Ink Lamp** is not lit, reload the tank.

- 6** Close the **Ink Tank Cover**.





Replacing the Maintenance Cartridge

Replace the Maintenance Cartridge as follows.

Compatible maintenance cartridges

Use Maintenance Cartridge MC-10.

Precautions when handling the maintenance cartridge

Take the following precautions when handling the Maintenance Cartridge.



Caution

- To prevent ink from leaking from a used Maintenance Cartridge, avoid dropping the cartridge or storing it at an angle. Otherwise, ink may leak and cause stains.
- Ink adheres to the top of the Maintenance Cartridge after it has been used. Handle the Maintenance Cartridge carefully during replacement. The ink may stain clothing.



Important

- Do not remove the Maintenance Cartridge except to replace it.

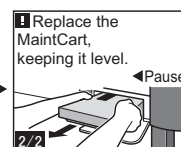
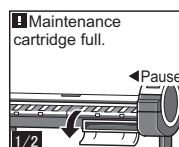
Make sure the printer is ready for maintenance cartridge replacement

Maintenance Cartridge replacement is possible in the following cases.

You can replace Maintenance Cartridge if the **Display Screen** advises you to check the remaining capacity or replace the Maintenance Cartridge.




If a message requests you to replace the Maintenance Cartridge, go to "Replace the maintenance cartridge" without following the instructions in "Access the menu for maintenance cartridge replacement."

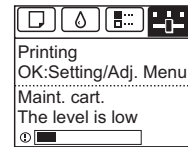


Caution

- Do not replace the Maintenance Cartridge during initialization immediately after turning on the printer, during Printhead cleaning, or when ink is being absorbed. Ink may leak out.

Access the menu for maintenance cartridge replacement

- 1 On the **Tab Selection screen** of the **Control Panel**, press ◀ or ▶ to select the **Settings/Adj. tab** ().

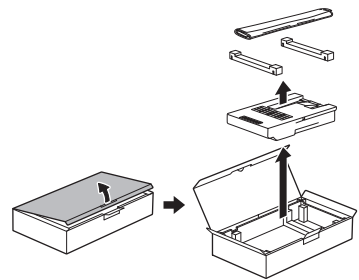


- If the **Tab Selection screen** is not displayed, press the **Menu** button.

- 2 Press the **OK** button.
The **Set./Adj. Menu** is displayed.
- 3 Press ▲ or ▼ to select **Maintenance**, and then press the **OK** button.
- 4 Press ▲ or ▼ to select **Repl. Maint. C**, and then press the **OK** button.
A message on the **Display Screen** advises you to open the **Maintenance Cartridge Cover**.

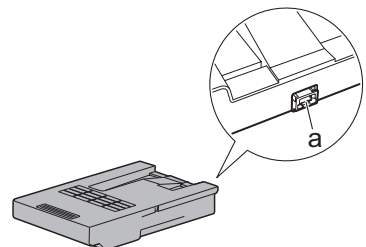
Replace the maintenance cartridge

- 1 Open the box, remove the plastic bag and packaging material, and take out the Maintenance Cartridge.

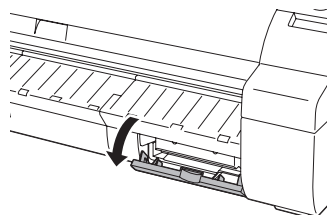


Important

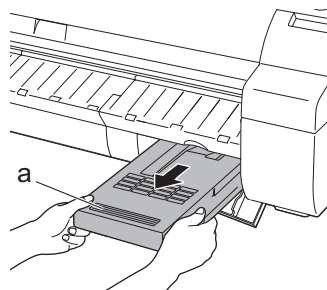
- Never touch the metal contacts (a). This may damage the Maintenance Cartridge.



2 At this point, open the **Maintenance Cartridge Cover**.



3 Hold the used Maintenance Cartridge by the grip (a) with one hand and put your other hand under the Maintenance Cartridge to hold it firmly on the bottom, keeping it level as you pull it out.



Caution

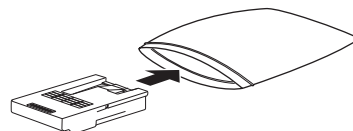
- Used maintenance cartridges are heavy. Always grasp the cartridge firmly and keep the cartridge level during removal and storage. If you drop a used Maintenance Cartridge or store it at an angle, ink may leak and cause stains.



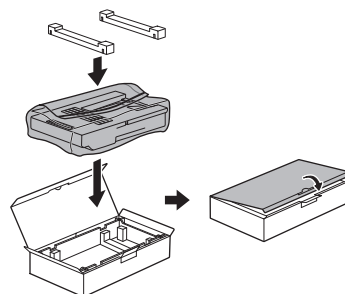
Important

- The remaining Maintenance Cartridge capacity is recorded on each printer. Do not install a used Maintenance Cartridge in another printer.

4 Keep the used maintenance cartridge level as you put it in the plastic bag. Expel excess air from the plastic bag and seal the zipper.



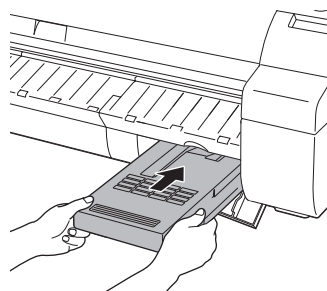
5 Confirm the Maintenance Cartridge is right-side up, put it in the box, attach the packaging material, and store it so that it stays level.



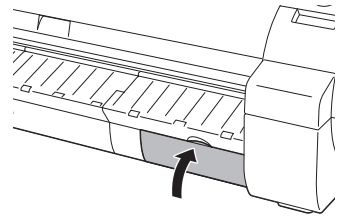
Caution

- Always put the used Maintenance Cartridge back in the box and store the box on a flat surface. Otherwise, ink may leak and cause stains.

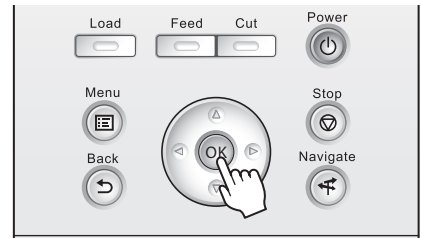
6 Keeping the new Maintenance Cartridge level, insert it all the way in.



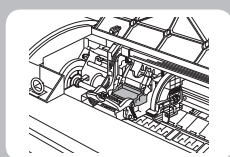
7 Close the **Maintenance Cartridge Cover**.



8 Press the **OK** button.



The printer now initializes the Maintenance Cartridge.



Replacing the Printhead

Replace the Printhead as follows.

When to replace the printhead

Replace the Printhead in the following situations.

- If the printing quality does not improve even after one or two cycles of **Head Cleaning B** from the printer menu
- If the **Display Screen** indicates **Open top cover and replace the printhead**.
- If your Canon dealer has advised you to replace the Printhead

Compatible printheads

Use Printhead PF-04.

Precautions when handling the printhead

Take the following precautions when handling the Printhead.



Important

- There may be ink around the nozzles of the Printhead you remove. Handle the Printhead carefully during replacement. The ink may stain clothing.
- Do not open the Printhead pouch until immediately before installation. After removing the Printhead from the pouch, install it right away. If the Printhead is left after the pouch is opened, the nozzles may dry out, which may affect printing quality.

Access the menu for printhead replacement



Caution

- When replacing the Printhead immediately after printing, wait a few minutes before replacing it. The metal parts of the Printhead become hot during printing, and there is a risk of burns from touching these parts.




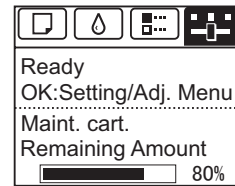
MEMO

- Prepare a new Ink Tank when ink levels are low.
- Your hands may become dirty during Printhead replacement. Use the gloves provided with the new Printhead for replacement.

1 If the roll is not ejected because of the cutting method selected, cut it manually and remove it.
(→"Cutting Roll Paper After Printing," User Manual)

2 Clean inside the **Top Cover**. (→**2**, If Paper is Soiled)

- 3** On the **Tab Selection** screen of the **Control Panel**, press ◀ or ▶ to select the **Settings/Adj. tab** ().



- If the **Tab Selection screen** is not displayed, press the **Menu** button.

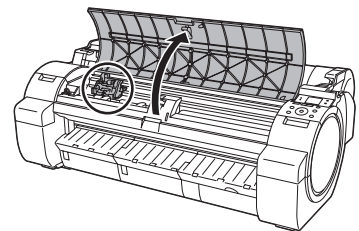
- 4** Press the **OK** button.
The **Set./Adj. Menu** is displayed.

- 5** Press ▲ or ▼ to select **Maintenance**, and then press the **OK** button.

- 6** Press ▲ or ▼ to select **Replace P.head**, and then press the **OK** button.
Ink is now filled.
After about two minutes, a message is shown on the **Display Screen** instructing you to open the **Top Cover**.

Replace the printhead

- 1** Open the **Top Cover**.



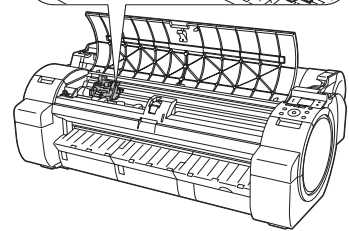
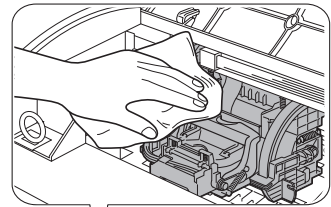
Instructions are now shown on the **Display Screen** regarding Printhead replacement.



Important

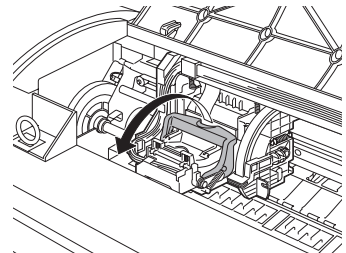
- During Printhead replacement, do not move the **Carriage** from the position indicated. If you accidentally move the **Carriage**, you will hear a warning tone, and Printhead replacement is no longer possible. If you move the **Carriage** by mistake, close the **Top Cover**. The **Carriage** will be moved to the position as indicated.

- 2** If the **Printhead Fixer Cover** or **Printhead Fixer Lever** is dirty, use a damp cloth that you have wrung out completely to wipe it clean.

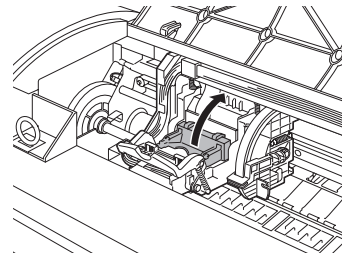


• Never touch the metal contacts of the **Carriage**. This may damage the printer.

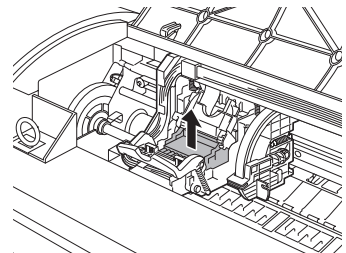
- 3** Pull the **Printhead Fixer Lever** forward all the way to open it completely.



- 4** Pull up the **Printhead Fixer Cover** to open it completely.



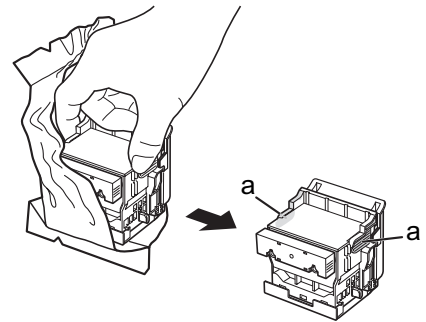
- 5** Remove the Printhead and press the **OK** button.



• Dispose of the used Printhead in accordance with local regulations.

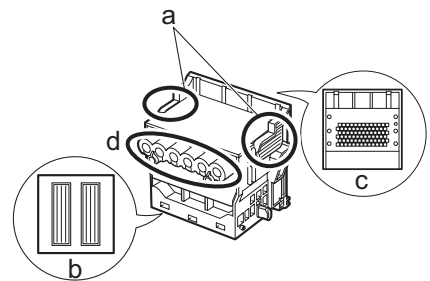
6

Holding the new Printhead by the grips (a), remove it from the pouch.



Important

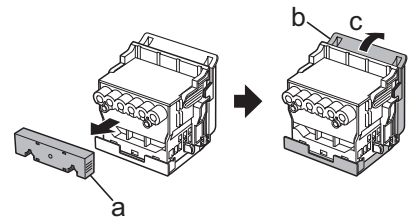
- When handling the Printhead, always hold it by the grips (a). Never touch the nozzles (b) or metal contacts (c). This may damage the Printhead and affect printing quality.
- Never touch the ink supply section (d). This may cause printing problems.



- If you need to put a Printhead somewhere temporarily before installation, do not keep the nozzles and metal contacts facing down. If the nozzles or metal contacts are damaged, it may affect the printing quality.

7

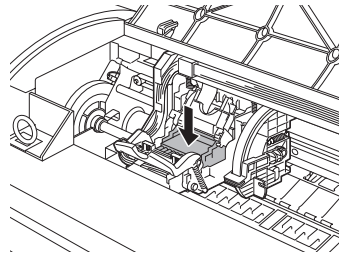
While firmly holding the Printhead you have removed, use your other hand to remove the orange Protective Part (a). Squeeze the grips (c) of Protective Part (b) and pull it down to remove it.



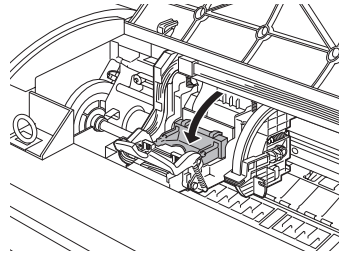
Important

- The inside surface of the Protective Parts (a) and (b) is coated with ink to protect the nozzles. Be careful not to touch these surfaces when removing the caps.
- The Printhead contains ink to protect the nozzles. We recommend removing Protective Part (b) as you hold it over the Printhead package or safely out of the way to avoid spilling ink and staining your clothes or the surrounding area. If ink accidentally spills, wipe off the ink with a dry cloth.
- Do not reattach the Protective Part or protective material. Dispose of these materials in accordance with local regulations.

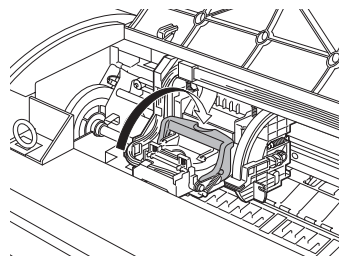
- 8** With the nozzles facing down and the metal contacts toward the back, insert the Printhead into the **Carriage**. Carefully push the printhead firmly into the **Carriage**, ensuring that the nozzles and metal contacts do not touch the carriage.



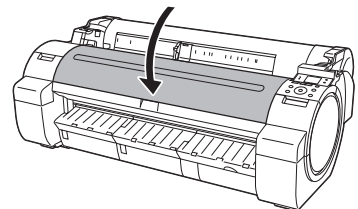
- 9** Pull the **Printhead Fixer Cover** down toward the front to lock the Printhead in place.



- 10** Push the **Printhead Fixer Lever** toward the back of the printer until it clicks.



- 11** Close the **Top Cover**.



Ink now fills the system. It takes about six minutes for ink to fill the system.

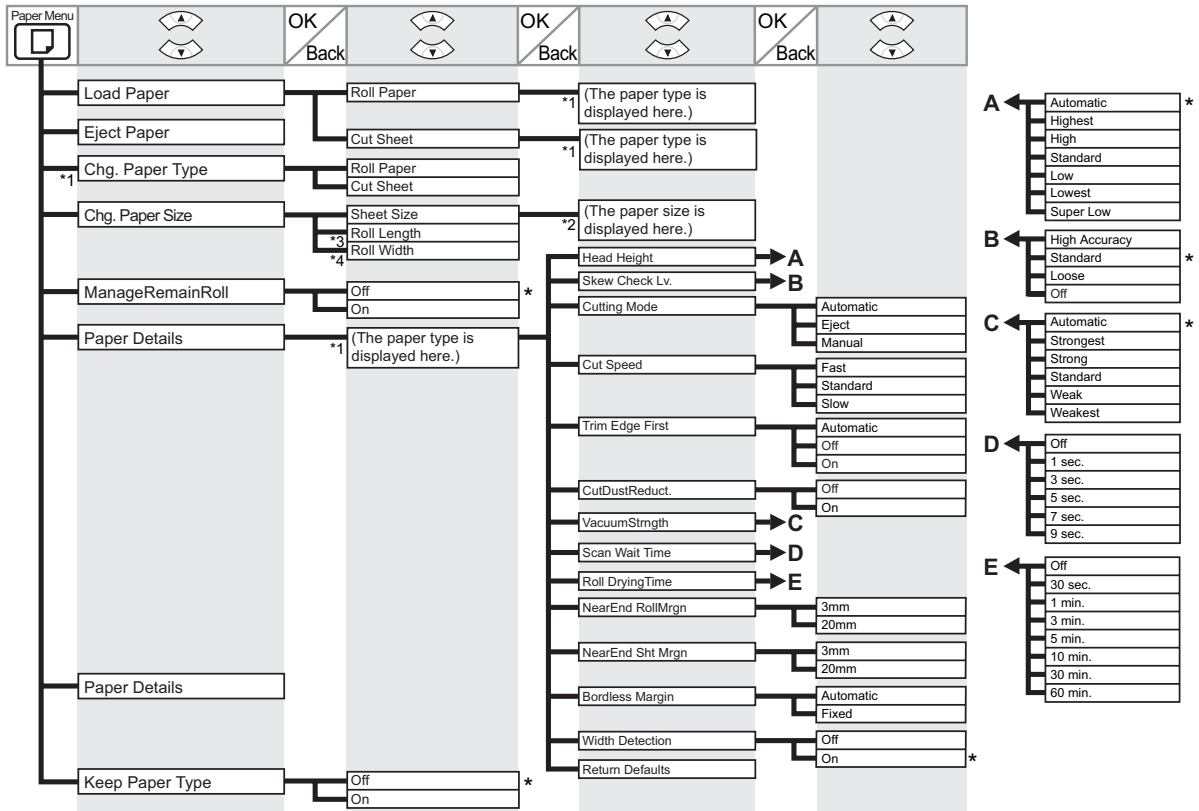


Important

- Never remove an Ink Tank while the system is filling with ink.
- After the Printhead has been replaced and filled with ink, **Head Posi. Adj. (Auto(Advanced))** is performed if you have selected **Rep.P.head Print > On** in the **Control Panel** menu. In this case, follow the instructions displayed for Printhead adjustment.
If **Rep.P.head Print** is **Off**, perform **Head Posi. Adj. (Auto(Advanced))** yourself.
(→ **2**, If Vertical Lines are Warped or Colors are Misaligned)

Menu Map

The structure of **Tab Selection screen** menus on the control panel is as follows. Values at right labeled with an asterisk (*) are the defaults. For details on settings values, refer to the User Manual.
To access tab menus, press the Menu button to display the **Tab Selection screen**, press ◀ or ▶ to select the tab, and then press the **OK** button.



*1: For information on the types of paper the printer supports, refer to the Paper Reference Guide.

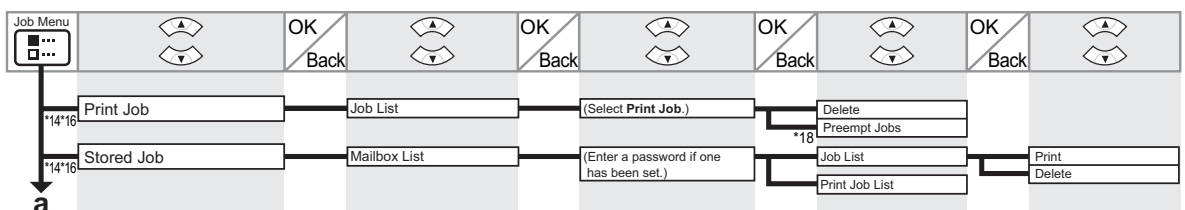
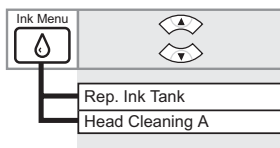
The paper type setting in the printer driver and related software (as well as on the **Control Panel**) is updated when you install the printer driver from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool.

*2: For information on the sizes of paper the printer supports, refer to the User Manual.

(→"Paper Sizes," User Manual)

*3: Available only if **ManageRemainRoll** is **On**.

*4: Available only if **Width Detection** is set to **Off**.

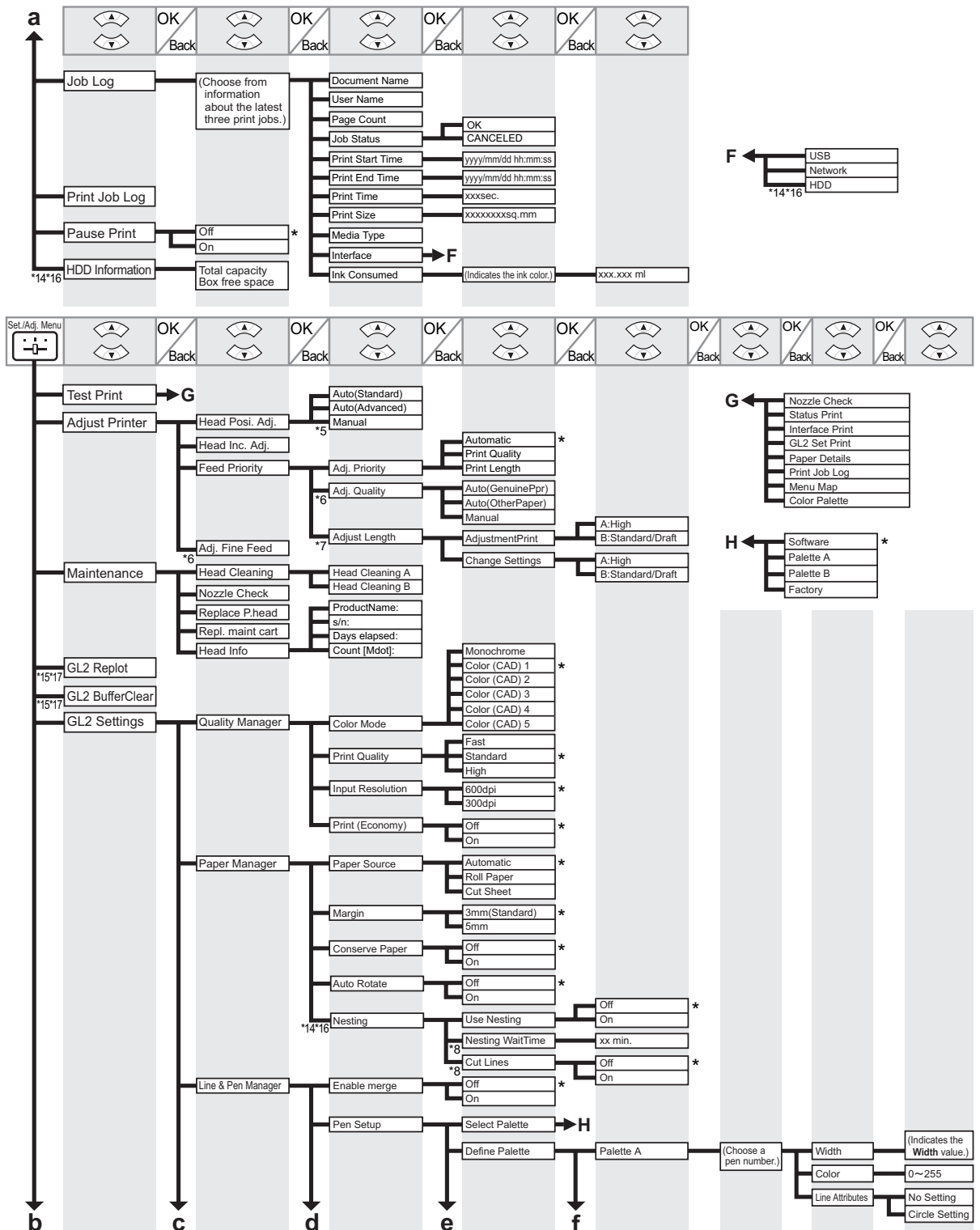


*14: Available only on the iPF755.

*16: Available only on the iPF655.

*18: **Print Anyway** is displayed when a job being held is selected.

Menu Map



*5: Available after **Auto(Advanced)** in **Head Posi. Adj.** has been used once

*6: Available when you have specified **Feed Priority** > **Adj. Priority** > **Automatic** or **Print Quality**.

*7: Available when you have specified **Feed Priority > Adj. Priority > Automatic** or **Print Length**.

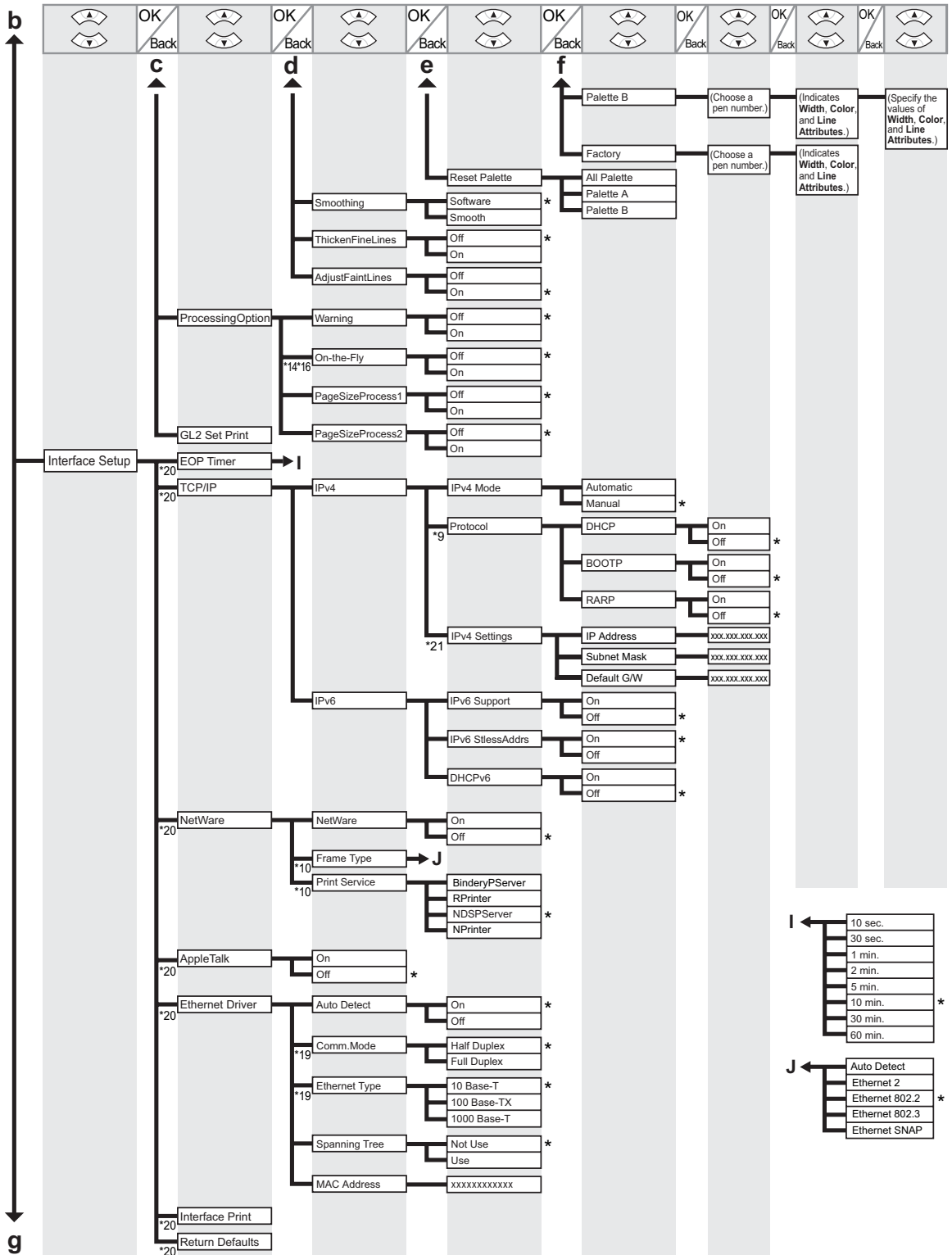
*8: Available only if **Use Nesting** is set to **On**.

*14: Available only on the iPF755.

*15: Available only on the iPF750.

*16: Available only on the iPF655.

*17: Available only on the iPF650.



*9: Not shown if you have set **IPv4 Mode** to **Manual**.

*10: Not shown if you have set **NetWare** to **Off**.

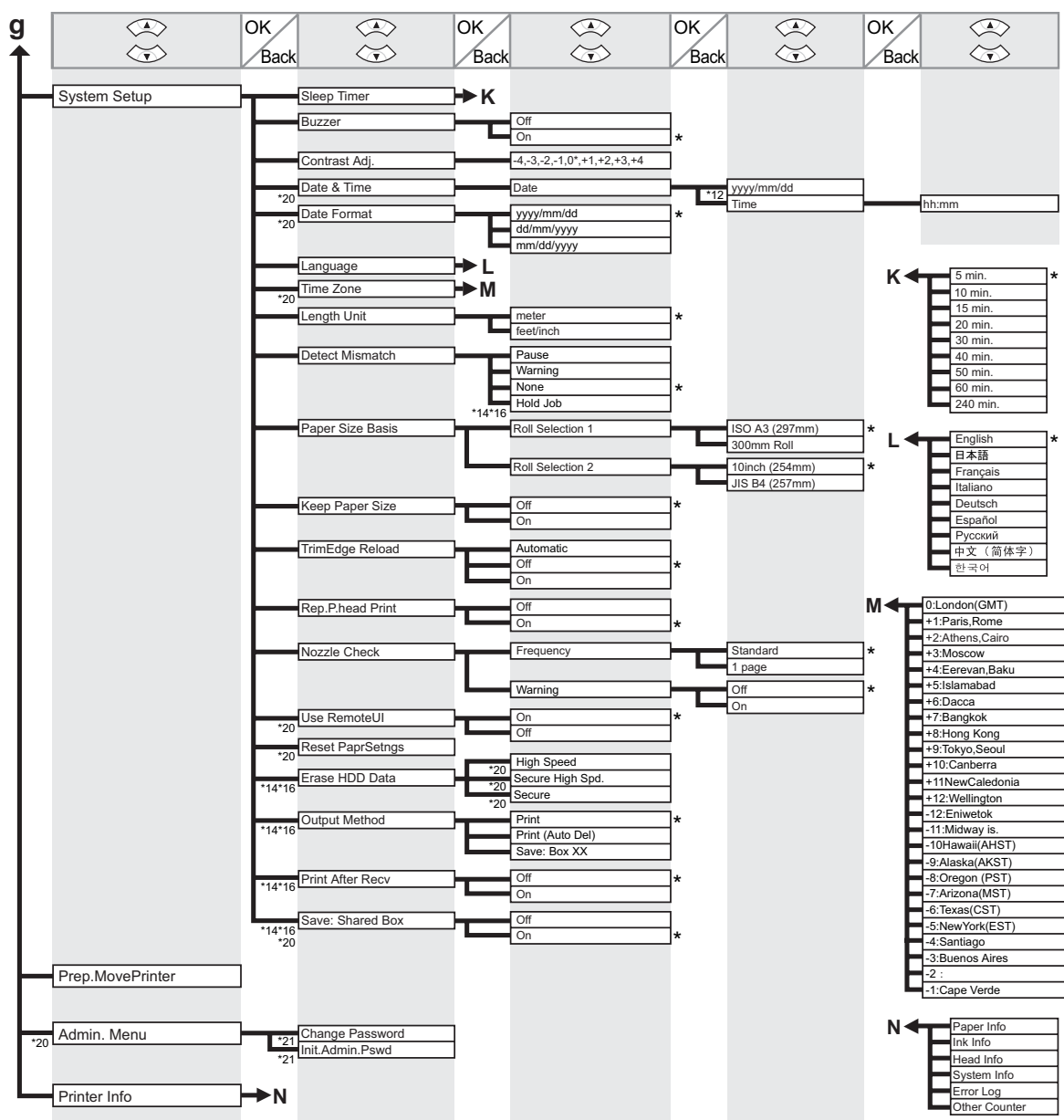
*14: Available only on the iPF755.

*16: Available only on the iPF655.

*19: Not shown if you have set **Auto Detect** to **On**.

*20: Viewing and configuration is possible for administrators, and only viewing for other users.

*21: Viewing and configuration is possible for administrators only.



*12: Follows the setting in **Date Format**.

*14: Available only on the iPF755.

*15: Available only on the iPF750.

*16: Available only on the iPF655.

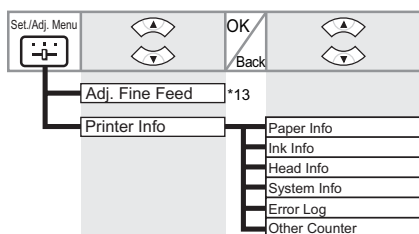
*17: Available only on the iPF650.

*20: Viewing and configuration is possible for administrators, and only viewing for other users.



*21: Viewing and configuration is possible for administrators only.

Menu When Printing

Press the **Menu** button when printing is paused to display this menu.



*13: Available when you have specified **Feed Priority > Adj. Priority > Automatic or Print Quality**.

The same menus as usual are shown in  (**Ink Menu**) and  (**Job Menu**).

Index

Numerics

2-Inch Paper Core Attachment	12
3-Inch Paper Core Attachment	12

c

Carriage.....	9, 31, 32
---------------	-----------

d

Display Screen	10
----------------------	----

e

Ejection Guide	8
Electronic manuals (User Manual)	5, 6

f

Flange.....	13
-------------	----

h

Holder Stopper	8, 12
----------------------	-------

i

imagePROGRAF Support Information	5
Ink Lamp.....	23, 25
Ink Tank Cover.....	8, 23, 25
Ink Tank Lock Lever.....	23, 25
Ink tank replacement	22
Ink tanks	21, 22

m

Maintenance Cartridge	8, 21, 26
Maintenance Cartridge Cover.....	8
Maintenance cartridge replacement	26
Menu map (menu structure)	35

p

Paper Alignment Line	8
Paper Feed Slot.....	8, 15
Paper Reference Guide.....	5
Paper Retainer	9
Platen	9
Printhead	21, 30
Printhead replacement	30

r

Release Lever	8
Roll Holder.....	8, 12
Roll Holder Slot.....	8
Roll loading.....	14
Roll removal.....	16

s

Sheet loading.....	18
Sheet removal	20

t

Top Cover	8, 9
-----------------	------



Canon Inc.

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501, Japan

Canon U.S.A., Inc.

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

Canon Europa N.V.

Bovenkerkerweg 59-61 1185 XB Amstelveen The Netherlands

Canon (China) Co., Ltd.

15F Jinbao Building No.89 Jinbao Street, Dongcheng District, Beijing 100005, China

Canon Australia Pty. Ltd.

1 Thomas Holt Drive, North Ryde, Sydney, N.S.W.2113, Australia

