Canon







Photo Printer

PIXMA iP6600D series



Canon

PIXMA iP6600D

Photo Printer

Direct Printing Guide

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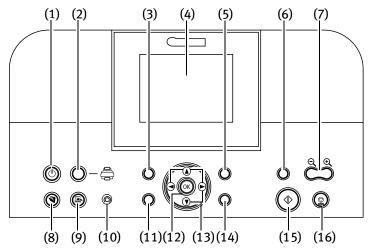
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Operation Panel and Menu Display

The names and functions of the controls on the operation panel, how to display the menus, and the items in the menus are described below:

Operation Panel Names and Functions



(1) POWER Button

Press to turn the printer on or off.

POWER Lamp

Off: the printer is turned off.

Lighting: the printer is ready to print.

Flashing: the printer is preparing to print, or is preparing to turn off.

*When the **POWER** lamp and the **Alarm** lamp flash alternately, an error has occurred that may require a service call.

(2) Feed Switch Button

Select the paper source between the auto sheet feeder and cassette.

(3) Menu Button

Displays menus. See "Menu Displays" on page 5.

(4) LCD Monitor

When you perform direct printing, the image, the menu, and the setting items are displayed here.

(5) Settings Button

Allows you to set the page size, media type, Bordered/Borderless printing, printing with the date, etc. See "Changing the Print Settings" on page 17.

(6) Trimming Button

Allows you to trim the photo being displayed on the screen. See "Printing a Specified Area – Trimming" on page 25.

(7) ⊕ ⊖ Buttons

Press to enlarge or reduce the photo being displayed. Pressing this button in trimming mode allows you to enlarge/reduce the area to be trimmed. See "Printing a Specified Area – Trimming" on page 25.

(8) Save Button

Saves data in the memory card onto the computer's hard disk. See "Saving Data in the Memory Card onto the Computer" on page 48.

(9) Easy-PhotoPrint Startup Button

Starts Easy-PhotoPrint. See "Browsing Photos in the Memory Card on the Computer" on page 48.

(10) Alarm Lamp

Lighting: an error has occurred and the printer is not ready to print.

*When the **POWER** lamp and the **Alarm** lamp flash alternately, an error has occurred that may require a service call.

(11) Back Button

Allows you to return to the previous screen.

(12)OK Button

Allows you to make a selection. For example, selecting a photo to be printed, selecting a menu item or other settings.

If an error occurs, press to resume printing after resolving a printer problem.

(13) **▲ ▼ ♦ Buttons**

Allows you to select the option on the LCD: selecting a menu item or photo, specifying the number of copies to print, making print settings, or scrolling the screen.

(14) Search Button

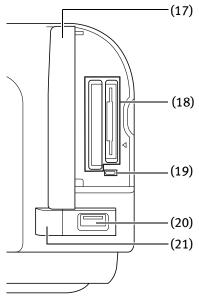
Looks up target photos in the memory card using the shooting date as the search key. See "Searching for Photos with the Shooting Date" on page 23.

(15) Print Button

Press to start printing according to the settings displayed on the LCD.

(16)Stop/Reset Button

Press to cancel the settings you have made. If this button is pressed during printing, the printer aborts printing.



(17) (17) Card Slot Cover

Close this after inserting a memory card.

(18) Card Slot

Set the memory card containing photos here.

(19) Indicator Lamp

The indicator lamp lights when a memory card has been inserted in the card slot and flashes while the printer is accessing to the memory card.

(20) Direct Print Port

Connects the printer to a compatible digital camera or digital video camcorder. See "Connecting to a PictBridge Compliant Device" on page 35. When using optional Bluetooth unit*, connect this port.

*The Bluetooth unit is not available to some regions due to the law of the countries or the regulations. For details, contact the Customer Care Center. See "Printing Photographs from a Wireless Communication Device" on page 42 or the Bluetooth User's Guide.

(21) IrDA Interface Port

Connects the printer to a mobile phone through a wireless IrDA connection.

Menu Displays

With the **Menu** button pressed, the **Menu** screen appears. You can print photos with various options as well as maintain the printer using items on the Menu.



Single-photo print

You can view the photos in the memory card on the LCD and print them. See "Printing a Photo Displayed on the LCD – Single-photo print" on page 20.

Multi-photo print

You can specify how many copies to print for each photo and print them at once. See "Specifying How Many Copies to Print for Each Photo – Multi-photo print" on page 22.

Special photo print

Provides useful print options below.



Layout print

Prints photos in various layouts such as tiling, album, postcard, etc. See "Specifying the Layout" on page 26.



Sticker print

Prints photos on the Canon Photo Stickers. See "Printing on the Sticker – Sticker print" on page 28.



Print all photos

Prints all photos in the memory card. See "Other Printing Functions" on page 31.



Photo Index print

Prints an index of all photos in the memory card. See "Other Printing Functions" on page 31.



Color balance

Prints nine color balance sample photos on a sheet of paper. You can select your favorite color tone from them and print it. See "Printing in Your Favorite Color Tone – Color balance" on page 29.



DPOF print

Prints photos according to the DPOF settings set on the digital camera. See "Other Printing Functions" on page 31.



Captured info

Prints the photo information on the margin of photos. See "Other Printing Functions" on page 31.



Maintenance/settings

You can select a maintenance item or a setting item in this menu.



Maintenance

Displays the maintenance items below.

Nozzle check

Prints a check pattern to ensure that ink is output correctly, or that the print head is aligned properly. See "Printing the Nozzle Check Pattern" on page 55.

Cleaning

Cleans the print head when nozzles are clogged. See "Print Head Cleaning" on page 56.

Deep cleaning

See "Print Head Deep Cleaning" on page 57.

Auto head align

Aligns the print head automatically. See "Aligning Print Head - Auto head align" on page 58.

Manual head align

See "Adjusting the Print Head Manually" on page 62.

Head alignment print

See "Aligning Print Head - Auto head align" on page 58.

Roller cleaning

See "Paper feed roller is dirty" on page 65.



Bottom plate cleaning

See "Inside of the printer is dirty" on page 64.

Device settings

Displays the setting items below.

Print settings

- Quiet mode See "Changing the Other Settings" on page 33.
- Prevent paper abrasion
 See "If the printed surface is still scratched" on page 66.

Wireless print settings

Sets the page size, layout and so on for Wireless and Bluetooth Communication. See "Printing Photographs from a Wireless Communication Device" on page 42.

Bluetooth settings

See "Printing Photographs from a Wireless Communication Device" on page 42.

Language selection

Sets the Language displayed on the LCD. See "Changing the Other Settings" on page 33.

Other settings

- Date display See "Changing the Other Settings" on page 33.
- Read/write attribute
 See "Setting up the Card Slot as the
 Memory Card Drive of the Computer"
 on page 49.
- Adjust contrast See "Changing the Other Settings" on page 33.
- Slide show setting See "Changing the Other Settings" on page 33.

Reset setting

See "Changing the Other Settings" on page 33.

Save settings

See "Changing the Print Settings" on page 17.

Load settings

See "Changing the Print Settings" on page 17.

Using a Memory Card

Let's take a look at different types of memory cards and how to insert and remove them.

Memory Cards Supported by This Printer

Supported memory cards are as follows:

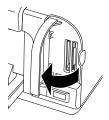
Memory Cards which can be inserted directly	Memory Cards which can be used through a special adapter
 CompactFlash (CF) Card Microdrive *Supports TYPE I/TYPE II (3.3V). 	• xD-Picture Card*1
Memory StickMemory Stick PRO	● Memory Stick Duo*² ● Memory Stick PRO Duo*²
Secure Digital (SD) CardMultiMedia Card	● miniSD Card*2
 SmartMedia Card *Supports 3.3V card only (1MB and 2MB cards not supported) 	*1 Purchase the CompactFlash Card Adapter for xD-Picture Card separately. *2 Use the special adapter supplied with the card.

№Important

- This printer accepts images taken with a camera compatible with the Design rule for Camera File system (Exif2.21 compliant), TIFF (Exif2.21 compliant), and DPOF (Ver. 1.00 compliant).
- Photos stored in a memory card not supported by the digital camera may fail in loading or be damaged. For types of memory cards supported by the digital camera, refer to your digital camera user's manual.
- Use the digital camera to format a memory card. Memory card data formats may not be compatible with computer-specific formats.
- Images edited on the computer may result in improper printing.
- Please use only one type of memory card at a time.

Inserting a Memory Card

1 Open the card slot cover.



2 Insert the memory card in the card slot.

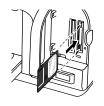




If you use a CompactFlash (CF) card or Microdrive Insert it into the left slot until it stops with its end projecting as shown.

The indicator lamp lights.

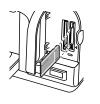
* For xD-Picture Card, use the special adapter.

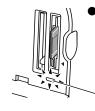




If you use a SmartMedia card Insert it into the right slot until it stops with its end projecting as shown.

The indicator lamp lights.





If you use a Memory Stick/Memory Stick PRO/SD card/ Multimedia card Insert it into the right slot until it stops with its end

Insert it into the right slot until it stops with its end projecting as shown.

The indicator lamp lights.

* For Memory Stick Duo/Memory Stick PRO Duo/miniSD Card, use the special adapter.

№ Important

Do not try to insert the memory card into the card slot any further than the position where it stops; other wise, the printer or the memory card will be damaged.

3 Ensure that the indicator lamp lights after flashing for a moment, and then close the card slot cover.



- When Read/write mode is selected, you cannot print the photos in the memory card. After using the card slot as the memory card drive of the computer, remove the memory card, then be sure to select Read-only mode again. See "Setting up the Card Slot as the Memory Card Drive of the Computer" on page 49.
- If you have used a computer to edit or process the data stored in the memory card, be sure to print photos from the computer. Using the operation panel to print photos may result in improper printing.

Removing a Memory Card



If you use the printer connected to your computer, follow the instructions for removal of the memory card from the computer. For the procedure, see "Setting up the Card Slot as the Memory Card Drive of the Computer" on page 49.

- **1** Open the card slot cover.
- **2** Ensure that the indicator lamp is not flashing, then remove the memory card.



Removing the memory card or turning off the printer while the indicator lamp is flashing can damage the data stored in the memory card.



3 Close the card slot cover.

Loading Paper

This section describes how to load the paper and select the page sizes and media types from the operation panel.

Print Media to Avoid

Do not use the following types of paper. Using such paper will not only produce unsatisfactory results, but can also cause the printer to jam or malfunction.

- Folded, curled or wrinkled paper
- Damp paper
- Excessively thin paper (less than 64 gsm or 17 lb)
- Excessively thick paper* (more than 105 gsm or 28 lb)
 *non-Canon branded paper
- Picture postcards
- Postcards with an affixed photos or stickers
- Any type of paper with holes

About the Auto Sheet Feeder and Cassette

You can use both the auto sheet feeder and the cassette to feed paper.

Loading paper in the auto sheet feeder is easy, and is convenient if you frequently switch to and print on various sizes or types of paper.

Loading paper in the cassette allows you to print without reloading paper for each job. This is convenient for loading a large volume of the type of paper you regularly print onto.

Loading paper in both the auto sheet feeder and cassette makes the following paper feed methods available:

- Changing the paper source to feed different types/sizes of paper
 If you load plain paper in the cassette and photo paper in the auto sheet feeder,
 changing the paper source allows you to print on both types of paper without
 removing and reloading paper. To change the paper source, use the Feed Switch
 button on the printer.
- Choosing the paper source to match the location of the printer You can use just the auto sheet feeder or cassette according to the location of the printer. For Example, if you intend to install the printer in a small place, such as on a shelf with minimal space, you can use just the cassette for printing.

▲ Caution You cannot load sticker paper or credit card-sized paper in the cassette.

Ⅲ Note

Depending on the size or type of paper you use, you may have to use the auto sheet feeder. When using only the cassette, check that the printer can perform the operations you require.

■ Loading the Print Media in the Auto Sheet Feeder

In this example, description is provided using Photo Paper Plus Glossy 4" x 6"/101.6 x 152.4 mm in your printer.

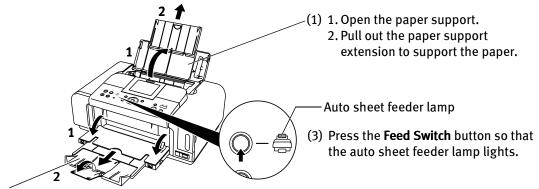
See "Media Types for Card Direct Printing" on page 16 for compatible paper.

1 Flatten the four corners of the paper before loading it.

■Note

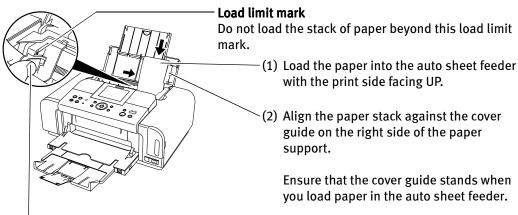
If the paper is curled, gently bend the corners in the opposite direction until the paper becomes completely flat. See "Back of Paper is Smudged/Paper Does Not Feed Properly/Printed Surface is Scratched" on page 64.

2 Prepare to load the paper.



- (2) 1. Put your fingers in the notches in either side of the paper output tray and pull down to open it.
 - 2. Pull out the paper out put tray extension completely.

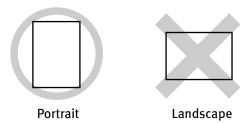
3 Load the paper.



(3) Pinch the paper guide and slide it against the left side of the paper stack.

№ Important

Always load paper in portrait orientation. Loading paper in landscape orientation can cause the paper to be jammed.



■ Note

Do not touch the printed surface until the ink dries. For specific drying times, refer to the instructions packaged with your media.

Loading the Print Media in the Cassette

In this example, description is provided using Photo Paper Plus Glossy 4" x 6"/101.6 x 152.4 mm in your printer.
See "Media Types for Card Direct Printing" on page 16 for compatible paper.

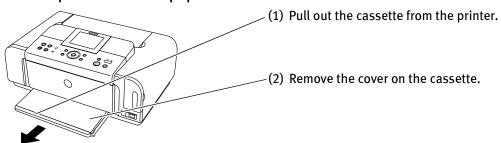
▲ Caution You cannot load sticker paper or credit card-sized paper in the cassette.

1 Flatten the four corners of the paper before loading it.

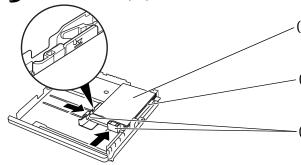
■ Note

If the paper is curled, gently bend the corners in the opposite direction until the paper becomes completely flat. See "Back of Paper is Smudged/Paper Does Not Feed Properly/Printed Surface is Scratched" on page 64.

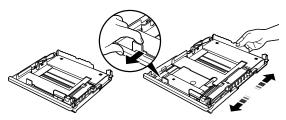
2 Prepare to load the paper.



3 Loading the paper. (Print side facing DOWN)

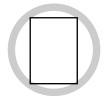


- (1) Load the paper into the cassette with <u>the</u> <u>print side facing DOWN.</u>
- (2) Align the paper stack against the right side of the cassette.
- (3) Slide the paper guides to fit the loaded paper stuck.



Adjust the size of the cassette.
When loading A5-size or larger paper
(nonstandard-size paper: 203 mm/8 inches or
more in length), extend the cassette.
When loading 5" x 7" or smaller paper
(nonstandard-size paper: less than 203 mm/8
inches in length), do not extend the cassette.

Always load paper in portrait orientation. Loading paper in landscape orientation can cause the paper to be jammed.

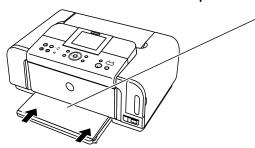


Portrait



Landscape

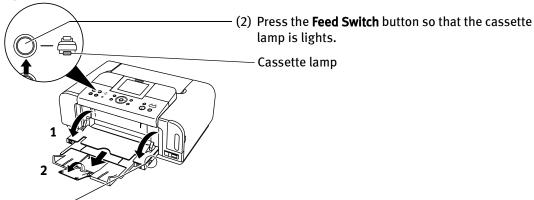
4 Insert the cassette into the printer.



- (1) Set the cover on the cassette.
- (2) Insert the cassette into the printer. Push the cassette all the way into the printer. Once extended to load paper of A5-siz

Once extended to load paper of A5-size or larger, the cassette does not fit in the printer body as shown on the left.

5 Prepare the paper output tray.



- (1) 1. Put your fingers in the notches in either side of the paper output tray and pull down to open it.
 - 2. Pull out the paper out put tray extension completely.

■ Note

Do not touch the printed surface until the ink dries. For specific drying times, refer to the instructions packaged with your media.

Media Types for Card Direct Printing

You can use the following Canon media:

Media Type	Paper Support Load Limit	Page Size	Media Type	
Plain Paper	A4/Letter: up to 150 sheets	[A4]/[8.5"x11"(LTR)]	[Plain paper]	
Photo Paper Pro*1	A4/Letter: up to 10 sheets	[A4]/[8.5"x11"(LTR)]	[Photo Paper Pro]	
	101.6 x 152.4 mm/4" x 6": up to 20 sheets	[4"x6"(101.6x152.4)]		
Photo Paper Plus	A4/Letter: up to 10 sheets	r: up to 10 sheets [A4]/[8.5"x11"(LTR)] [Photo Pl		
Glossy*1	101.6 x 152.4 mm/ 4" x 6": up to 20 sheets	[4"x6"(101.6x152.4)]		
	127 x 177.8 mm/ 5" x 7": up to 10 sheets	[5"x7"(127x177.8)]		
Photo Paper Plus	A4/Letter: up to 10 sheets	ets [A4]/[8.5"x11"(LTR)] [Photo Plus Glos		
Semi-Gloss*1	101.6 x 152.4 mm/4" x 6": up to 20 sheets	[4"x6"(101.6x152.4)]		
Matte Photo Paper	A4/Letter: up to 10 sheets	[A4]/[8.5"x11"(LTR)]	[Matte Photo Paper]	
	101.6 x 152.4 mm/4" x 6": up to 20 sheets	[4"x6"(101.6x152.4)]	-	
Glossy Photo Paper	A4/Letter: up to 10 sheets	[A4]/[8.5"x11"(LTR)]	[Glossy Photo Paper]	
	101.6 x 152.4 mm/4" x 6": up to 20 sheets	[4"x6"(101.6x152.4)]		
	Credit Card: up to 20 sheets*3	[credit card]		
Photo Stickers*2*3	1 sheet	_	-	

Notes

- When using plain paper (64 gsm or 17 lb) up to 100 sheets can be set.
- *1: When loading a stack of paper, the printed side may be marked when it is fed in. If this happens, load paper one sheet at a time.
- *2: When printing on sticker paper, select Sticker print from Special photo print. When printing photos in a mobile phone on sticker paper, select Stickers x16 in the Wireless print settings screen. For details, see "Printing Photographs from a Wireless Communication Device" on page 42.
- *3: You can load only in the auto sheet feeder. Do not load in the cassette.

Changing the Print Settings

You can change the print settings such as page size, media type, Bordered or Borderless print, etc.

■ To Change Print Settings

This section describes the steps to change the print settings using the Effects setting as an example. For information on each item, see "Print Setting Items" on page 18.

1 Press the **Settings** button.



Print setting screen is displayed.

2 Select the Setting tab.



Use the ◀ ▶ buttons to select the Setting tab.
Select tab 2.

3 Select the setting item.



Use the ▼ button to select the setting item.
Select No effects here.

4 Change the setting.



Use the **◄** ▶ buttons to change the setting. Change to **Sepia** here.

5 Complete setting.

Press the **Settings** button.

Note

You can save the current settings. Once you save the settings, the saved settings are loaded when the printer is turned on.

- 1. Press the **Menu** button.
- 2. Use the ◀ ▶ buttons to select **Maintenance/settings** and then press the **OK** button.
- Use the ◀ ▶ buttons to select Device settings and then press the OK button.
- Use the ▲▼ buttons to select Save settings and then press the OK button.
- 5. Use the ▲ ▼ buttons to select **Yes** and then press the **OK** button. When you select **Load settings**, you can load the saved settings.

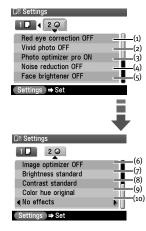
■ Print Setting Items



Tab 1:

Allows you to set the page size, media type, Bordered/Borderless printing, and printing with the date.

- (1) Select the page size. 4"x6"(101.6x152.4), 5"x7"(127x177.8), 8.5"x11"(LTR), A4, credit card
- (2) Select the media type.
 Photo Paper Pro, Photo Plus Glossy, Matte Photo Paper, Glossy
 Photo Paper, Plain paper
- (3) Select the printing quality. Standard/High
- (4) Select the Bordered or Borderless print. Bordered/Borderless
- (5) Select whether to print the shooting date, file number, or not. No date/file no., Print date only, Print file no. only, Print date & file no.



Tab 2:

Allows you to optimize photos with the functions below.

- (1) Correct red-eye caused by reflection when the flash hits a person's eyes.
 - Red eye correction ON/Red eye correction OFF
- (2) Activate/deactivate Vivid Photo function.
 This function makes green and blue more lively.
 Vivid photo ON/Vivid photo OFF
- (3) Activate/deactivate the Photo Optimizer Pro function. This function automatically optimizes brightness and tone of a photo.
 - Photo optimizer pro ON/Photo optimizer pro OFF
- (4) Activate/deactivate the function.
 This function reduces the noise on blue areas like the sky as well as on black areas.
 - Noise reduction ON/Noise reduction OFF
- (5) Activate/deactivate Face brightener function. This function brightens a darkened face on the photo taken against the light. Face brightener ON/Face brightener OFF
- (6) Correct the contours and smooths out the jaggedness. Image optimizer ON/Image optimizer OFF
- (7) Adjust brightness.

 Brightness +2, Brightness +1, Brightness standard,
 Brightness -1, Brightness -2
- (8) Adjust contrast.

 Contrast +2, Contrast +1, Contrast standard, Contrast -1,
 Contrast -2
- (9) Adjust color hue.
 Color hue red +2, Color hue red +1, Color hue original,
 Color hue yellow +1, Color hue yellow +2
- (10) Apply the effect to print a photo in sepia or like an illustration.
 - No effects, Sepia, Simulate illustration

Printing a Photograph

Let's select a photo stored on the memory card of the digital camera, and print it.



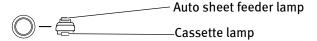
If you leave the printer more than five minutes without using any button on the operation panel, the LCD goes into sleep mode automatically. Press the **OK** button to turn on the LCD again.

Printing a Photo Displayed on the LCD – Single-photo print

1 Prepare to print.

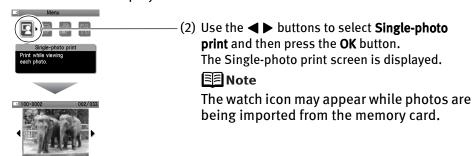
Preparing to print

- (1) Turn on the printer.
- (2) Load the paper.
 See "Loading Paper" on page 11.
- (3) Insert the memory card in the card slot. See "Inserting a Memory Card" on page 9.
- (4) Ensure the paper source.
 Ensure that the proper paper source is selected. Press the **Feed Switch** button to change the paper source.

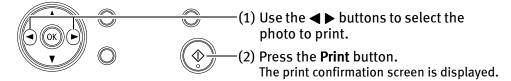


2 Select the print mode.

(1) Press the **Menu** button. The **Menu** screen is displayed.



3 Select the photo to print.



■ Notes

Displaying Photos Automatically on the LCD – Slide Show

You can automatically display photos stored in a memory card on the LCD.

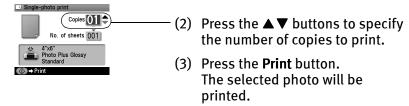
- To start the slide show, press the OK button on the Single-photo print screen.
- To stop the slide show, press the **Stop/Reset** button during the slide show. **You can do...**
- You can zoom in/out on the photo on the LCD using the ⊕ ⊖ buttons.
- See "Searching for Photos with the Shooting Date" on page 23.
- See "Printing a Specified Area Trimming" on page 25.

4 Start printing.

(1) Confirm the settings.

To change any of the settings, press the **Settings** button.

See "Changing the Print Settings" on page 17.



Specifying How Many Copies to Print for Each Photo – Multi-photo print

You can specify how many copies to print for each photo.

1 Prepare to print.

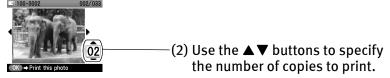
See "Preparing to print" on page 20.

2 Select the print mode.

- (1) Press the **Menu** button.
- (2) Use the **◆** buttons to select **Multi-photo print** and then press the **OK** button. The photo selection screen is displayed.

3 Specify the number of copies to print.

(1) Use the ◀ ▶ buttons to select the photo you wish to print.



- (3) Repeat steps (1) and (2) and specify the number of copies for each photo you wish to print.
- (4) Press the **OK** button. The print confirmation screen is displayed.

Notes

You can do...

- You can zoom in/out on the photo on the LCD using the ⊕ ⊖ buttons.
- See "Searching for Photos with the Shooting Date" on page 23.
- See "Printing a Specified Area Trimming" on page 25.

4 Start printing.

- (1) Confirm the settings.

 To change any of the settings, press the **Settings** button.

 See "Changing the Print Settings" on page 17.
- (2) Press the **Print** button.

 The specified number of copies for each photo will be printed.

Other Useful Functions

The following functions are available when you print from a memory card:

- "Searching for Photos with the Shooting Date" on page 23
- "Printing a Specified Area Trimming" on page 25
- "Specifying the Layout" on page 26
- "Printing on the Sticker Sticker print" on page 28
- "Printing in Your Favorite Color Tone Color balance" on page 29
- "Other Printing Functions" on page 31

Searching for Photos with the Shooting Date

When many photos are stored in a memory card, it is convenient to select photos to display or print using the shooting date as the search key.



- When selecting the menus below, you can display and print the photos searched for by date:
 - Single-photo print, Multi-photo print, Layout print, Sticker print, and Color balance.
- If you have specified the number of copies to print for photos or pasted photos to specify the layout before using the search function, the photos will be printed even if they are excluded by the search.
- When selecting Print all photos or Photo Index print, you can print the photos searched for by date.
- The search screen may display slowly when the memory card contains many photos or high data photos.

1 Select the search function.

- (1) Press the **Search** button.
- (2) Use the $\blacktriangle \blacktriangledown$ buttons to select a search function and then press the **OK** button.
 - If you want to specify only one shooting date, select One date only.
 - If you want to specify the range of date to search, select **Select date range**.

The search screen is displayed.

2 Select the shooting date.

• When you select **One date only**:



Use the ◀ ▶ buttons to select the shooting date to search and then press the **OK** button.

You can display or print the photos that are shot within the specified date.

• When you select Select date range:



- (1) Use the ◀ ▶ buttons to select the earliest shooting date to search and then press the **OK** button.
- (2) Use the **◄** ▶ buttons to select the latest shooting date to search and then press the **OK** button.

You can display or print the photos that are shot within the specified range of date.

■ Note

To cancel the search mode, follow the procedure below.

- (1) Press the Search button.
- (2) Use the ▲▼ buttons to select the **Cancel search** and then press the **OK** button.

The search mode is canceled and all the photos in the memory card can be displayed and printed.

Removing the memory card also cancels the search mode.

Printing a Specified Area – Trimming

You can print a specified area of the photo displayed on the LCD.



Please trim the photo after specifying the page size, media type, Borderless/Bordered on each settings screen. If you change the settings after trimming the photo, the trimmed selection will be lost.

- **1** Select the photo to trim.
- 2 Set the trimming mode.

Press the **Trimming** button. The printer is now in trimming mode.



- **3** Trim and rotate the sections you wish to print.
 - **Trimming** button: You can rotate the trimming area.
 - **♦** ▶ **♦ ▼** buttons: You can move the area for trimming.
 - \bigoplus \bigcirc buttons: You can enlarge or reduce the trimming area.
- 4 Finalize the trimming area.

Press the **OK** button. The trimming area is fixed.



- When the trimming area has been fixed, a yellow trimming guide appears in the photo displayed on the LCD.
- You can modify the trimming area by pressing the **Trimming** button once again even after the trimming area has already been finalized.
- If you want to cancel the trimming setting, press the Trimming button and then the Stop/Reset button in the trimming screen.
 Removing the memory card also cancels the trimming setting.
- You cannot save the trimmed photo in the memory card.

Specifying the Layout

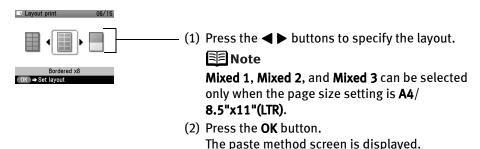
You can print the specified photo in the specified layout (Borderless or Bordered $x_2/x_4/x_8$, Half, borderless/Half, bordered/Half, borderless (w/lines)/Half, bordered (w/lines), Album (4/right)/Album (4/left), Mixed 1,2,3).



1 Prepare to print.

See "Preparing to print" on page 20.

- **2** Select the print mode.
 - (1) Press the Menu button.
 - (2) Use the **◄** ▶ buttons to select **Special photo print** and then press the **OK** button.
 - (3) Use the **◄** ▶ buttons to select **Layout print** and then press the **OK** button. The Layout print screen is displayed.
- 3 Specify the layout.



4 Select the paste method.

Use the $\triangle \nabla$ buttons to select the paste method, and then press the **OK** button.

Paste all:

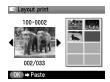
All the photos in the memory card are automatically pasted into the selected layout. Proceed to step 6.

• Paste one by one:

Paste photos one by one on the specified layout. Proceed to Step 5.

5 Paste photos one by one.

(1) Use the **◄** ▶ buttons to display the photo you want to paste.



■Notes

You can do...

- You can zoom in/out on the photo on the LCD using the \bigoplus \bigoplus buttons.
- See "Searching for Photos with the Shooting Date" on page 23.
- See "Printing a Specified Area Trimming" on page 25.
- (2) Press the **OK** button.

The photo is pasted on the layout.

- To cancel the last photo selected, press the **Back** button. Each time you press the button, the last photo selected is cancelled.
- To cancel all the photo selected at once, press the **Stop/Reset** button.
- (3) Repeat steps (1) and (2) for each photo you wish to print.
- (4) Press the **Print** button.

 The print confirmation screen is displayed.
- You can only paste photos on one page at a time.

 Start printing once you have pasted photos on one page.

6 Start printing.

- (1) Confirm the print settings.

 To change any of the settings, press the **Settings** button.

 See "Changing the Print Settings" on page 17.
- (2) Press the **Print** button.

 The photos pasted on the specified layout will be printed.

Printing on the Sticker – Sticker print

You can print your favorite photo on the Canon Photo Stickers.

1 Prepare to print.

See "Preparing to print" on page 20.

A Caution You cannot load sticker paper in the cassette. Load one sheet at a time in the auto sheet feeder.

Select the print mode.

- (1) Press the **Menu** button.
- (2) Use the **◄** ▶ buttons to select **Special photo print** and then press the **OK** button.
- (3) Use the **◆** buttons to select **Sticker print** and then press the **OK** button. The Sticker print screen is displayed.
- (4) Press the ◀ ▶ buttons to select **Stickers x16** and then press the **OK** button.

Select the photo to print.

- (1) Use the ◀ ▶ buttons to select the photo you wish to print.
- (2) Press the **OK** button. The frame selection screen is displayed.

Notes You can do...

- ullet You can zoom in/out on the photo on the LCD using the igoplus igoplusbuttons.
- See "Searching for Photos with the Shooting Date" on page 23.
- See "Printing a Specified Area Trimming" on page 25.

4 Select the frame.

(1) Use the **◄** ▶ buttons to select the frame you wish.



■ Notes

- When the photo is upside down in the frame, you can press the ▲ ▼ buttons to orient the photo correctly.
- You can rotate photos in the trimming mode to fit the vertical portrait frame.
- (2) Press the **OK** button. The print confirmation screen is displayed.

5 Start printing.

- (1) Confirm the print settings.
- (2) Press the **Print** button.

 The specified photo will be printed on the Photo Stickers.

Printing in Your Favorite Color Tone - Color balance

You can print the nine color balance sample photos on a sheet of paper and select a color tone you like from them before printing.

1 Prepare to print.

See "Preparing to print" on page 20.

2 Select the print mode.

- (1) Press the Menu button.
- (2) Use the **◄** ▶ buttons to select **Special photo print** and then press the **OK** button.
- (3) Use the ◀ ▶ buttons to select **Color balance** and then press the **OK** button. The photo selection screen is displayed.

3 Select the photo to print.

- (1) Use the ◀ ▶ buttons to select the photo you wish to print.
- (2) Press the **OK** button. The sample print confirmation screen is displayed.

Notes You can do...

- You can zoom in/out on the photo on the LCD using the \bigoplus \bigoplus buttons.
- See "Searching for Photos with the Shooting Date" on page 23.
- See "Printing a Specified Area Trimming" on page 25.

4 Print the color balance sample.

If you have already printed the color balance sample photo (ex. When choosing another color tone of a certain photo), select **No** to proceed to step 5.

- (1) Use the ▲ ▼ buttons, select **Yes**.
- (2) Press the **OK** button. The print confirmation screen is displayed.

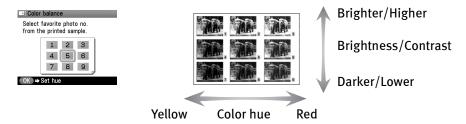
- (3) Confirm the print settings.

 To change any other settings, press the **Settings** button.
- (4) Press the **Print** button.
 Printing the color balance sample starts.
- Since the ink takes a few minutes to set on the media, wait for a short while before going to Step 5.

5 Select the color balance.

The color balance selection screen appears on the LCD after printing the sample. Select the number of sample photo you like.

(1) Use the $\blacktriangleleft \triangleright \blacktriangle \blacktriangledown$ buttons to select the number of the sample photo you like.



(2) Press the **OK** button. The print confirmation screen is displayed.

6 Start printing.

- (1) Confirm the print settings.
 To change any of the settings, press the **Settings** button.
 See "Changing the Print Settings" on page 17.
- (2) Use the ▲▼ buttons to specify the number of copies.
- (3) Press the **Print** button.

 The photo will be printed in your favorite color tone.

Other Printing Functions

You can also select the following print mode in the **Special photo print**.

■ Print all photos:

You can print all photos saved on the memory card.

■ Photo Index print:

You can print an index of all photos saved in the memory card known as an index print.

Contact print: Print photos like photographic negatives.

Standard: The number of photos are changed depend on the page size.

A4/Letter: 80 photos, 5" x 7"(127 x 177.8 mm): 35 photos, 4" x 6" (101.6 x 152.4 mm): 24 photos, credit card: 6 photos.

■ DPOF print:

You can automatically print photos according to the DPOF (Digital Print Order Format) settings made on the camera.



- This printer allows you to make the following DPOF settings:
 - Image format : CIFF, Exif (Tiff), JFIF
 - Print type Standard: The photos for which you specified
 - "Standard" using the DPOF function are
 - printed.
 - Print type Index : The photos for which you specified "Index"
 - using the DPOF function are printed according
 - to the printer's index print layout.
 - Photos to Print : Only the photos specified using the DPOF
 - function are printed (the photos cannot be specified on the operation panel).
 - Copies : The photos are printed according to the
 - numbers of copies specified using the DPOF function (the numbers of copies cannot be
 - specified on the operation panel).
 - Other functions (addition of comments, trimming/rotation, etc.) are not supported.
- Photos are automatically scaled according to the page size. The upper, lower, left, and/or right portion(s) of the photo may be missing depending on the size of the paper you use.
- The shooting date format is as specified in the DPOF setting from DPOF printing.

■ Captured info:

You can print Exif info of shooting to list of photos or margin of selected photos.

■Note

You can chose the following printing methods.

List: Print a list of all photos and photo information.

Single photo: Print the selected photo and its information.

1 Prepare to print.

See "Preparing to print" on page 20.

2 Select the print mode.

- (1) Press the Menu button.
- (2) Use the **◄** ▶ buttons to select **Special photo print** and then press the **OK** button.
- (3) Use the **◄** ▶ buttons to select the print mode you want to start and then press the **OK** button.

■ Notes

- The printing method screen is displayed when selecting Photo Index print or Captured info.
 - Use the ◀ ▶ buttons to select a printing method and then press the **OK** button.
- When you select Single photo to set photos in Captured info, selecting screen is displayed. Use the
 ▶ buttons to select a photo and then press the OK button.

You can do...

- You can zoom in/out on the photo on the LCD using the ⊕ ⊖ buttons.
- See "Searching for Photos with the Shooting Date" on page 23.
- See "Printing a Specified Area Trimming" on page 25.

3 Start printing.

- (1) Confirm the print settings. To change any of the settings, press the **Settings** button.
 - See "Changing the Print Settings" on page 17.
- (2) Use the ▲ ▼ buttons to specify the number of copies to print. For the **DPOF print**, you cannot specify the number of copies to print.
- (3) Press the Print button.

For the **Print all photos**, all photos saved on the memory card will be printed.

For the **Photo Index print**, an index of all photos saved on the memory card will be printed.

For the **DPOF print**, the photos will be printed according to the DPOF information on the memory card.

For the **Captured info**, you can print Exif info of shooting to list of photos or margin of selected photos.

Changing the Other Settings

This section explains the setting menu in the **Device settings**.

- **1** Turn on the printer.
- 2 Press the Menu button.
- 3 Use the **♦** buttons to select **Maintenance/settings** and then press the **OK** button.
- **4** Use the **◄** ▶ buttons to select **Device settings** and then press the **OK** button. For the rest of the procedures, see each setting menu.

■ Quiet mode

You can significantly reduce the sound that the printer generates during operation. It is ideal when working at night or in crowded environments.

- (1) Use the ▲▼ buttons to select **Print settings** and then press the **OK** button.
- (2) Use the ▲▼ buttons to select **Quiet mode** and then press the **OK** button.
- (3) Use the $\triangle \nabla$ buttons to select **ON** and then press the **OK** button.

Important

- Print speed may be somewhat slower than in the normal operating mode.
- Sound reduction is not as effective when certain printing options are selected. Sound generated during printer warm up is the same as during normal operation.
- The changing the item in this menu are effective only when you are printing from a memory card or from a digital camera connected to this printer. If you are printing with your computer connected, specify the required settings in the printer driver.

■ Date display

You can change the format for printing the date.

- (1) Use the ▲ ▼ buttons to select **Other settings** and then press the **OK** button.
- (2) Use the $\triangle \nabla$ buttons to select **Date display** and then press the **OK** button.
- (3) Use the ▲▼ buttons to select the date display format and then press the **OK** button.

The shooting date format is as specified in the DPOF setting from DPOF printing.

■ Slide show setting

You can select whether to display photos quickly or in fine detail during the slide show.

- (1) Use the ▲▼ buttons to select **Other settings** and then press the **OK** button.
- (2) Use the ▲▼ buttons to select **Slide show setting** and then press the **OK** button.
- (3) Use the ▲▼ buttons to select Image quality: Std or Image quality: High and then press the OK button.

The slide show may slow down when you select the **Image quality: High.**

■ Adjust contrast

You can adjust contrast of the LCD, if it is too high or too low.

- (1) Use the ▲▼ buttons to select **Other settings** and then press the **OK** button.
- (2) Use the ▲▼ buttons to select **Adjust contrast** and then press the **OK** button.
- (3) Use the **◄** ▶ buttons to increase or decrease contrast and then press the **OK** button.

■ Language selection

You can change the language displayed on the LCD.

- (1) Use the ▲▼ buttons to select **Language selection** and then press the **OK** button.
- (2) Use the ▲▼ buttons to select a language and then press the **OK** button.

■ Reset setting

You can reset all settings, other than the display language and the print head position, to the initial state.

- (1) Use the ▲▼ buttons to select **Reset setting** and then press the **OK** button.
- (2) Use the $\triangle \nabla$ buttons to select **Yes** and then press the **OK** button.

Printing Photographs Directly from a Digital Camera

Printing Photographs Directly from a PictBridge Compliant Device

Connecting a PictBridge compliant device such as digital camera, camcorder or mobile phone to the printer allows you to print recorded images directly without using a computer.



- PictBridge is an Industry standard enabling a range of digital photo solutions, including the direct printing of photos from a digital still camera, camcorder or mobile phone* without the need to use a computer.
- Canon Bubble Jet Direct allows you to print photos from a Canon Bubble Jet Direct compatible (PictBridge incompatible) digital camera or digital video camcorder without a computer by simply connecting the digital camera or digital video camcorder to this printer.
 - * Hereafter, the PictBridge compliant digital camera, digital camcorder, or camera-equipped mobile phone are collectively called a PictBridge compliant device.

■ Connecting to a PictBridge Compliant Device

To connect a PictBridge compliant device to this printer, use the USB cable supplied with the device.

A Caution

Do not connect any equipment other than PictBridge compliant devices, Canon Bubble Jet compatible camera, or the Bluetooth unit (option) to the direct print port of the printer. If you do so, electric shock, fire, or damage to the device could result.

■Note

When producing photos with the digital device connected to the printer, it is advisable to use the AC adapter supplied with the device. If you use the device battery, be sure to charge it fully.

- 1 Turn on the printer.
- **2** Load the paper in the printer.

See "Loading Paper" on page 11.

3 Ensure the paper source.

4 Connect the PictBridge compliant device to the printer.

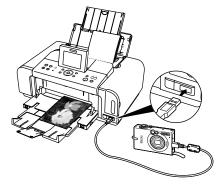


Depending on the model or brand of your device, you may have to select a mode of printing photos compliant with PictBridge before connecting the device.

You may also have to turn on the device or select Play mode manually after connecting the device to the printer.

Perform necessary operations according to the instruction manual supplied with your device.

- (1) Ensure that the device is turned off.
- (2) Connect the camera to the printer using the USB cable (for connection to a computer) supplied with the device.



■ Note

Some types of the PictBridge compliant devices turn on automatically when connected to the printer. If the device not turns on automatically, turn it on manually.

- (3) Turn on and set up the device for direct printing.
 When the connection between the device and printer has been established, the **POWER** lamp on the printer flashes twice.
 - * The power-on sequence may differ depending on the model or brand of the device.

Either of the following icons will display on the LCD display of the device when the printer is correctly connected.



A PictBridge compliant device.

* This mark indicates that the product is PictBridge-compatible.



A Canon Bubble Jet Direct compatible digital camera.

Confirming or Changing the device Settings

To change the paper size or paper type, operate the device to select the PictBridge print setup mode and confirm or change the settings.

The settings below can be changed by pressing the **Settings** button when the device is connected. However, changes can be made on the print setting screen only when the corresponding items below are in the **Default** (selections based on the printer setting) using the controls of the device.

PictBridge compliant device setting items	Printer setting on the Print setting screen
Paper size: Default	You can change the printer settings of (1),
Paper type: Default	(2), and (4) on tab1.
Layout: Default	See "Print Setting Items" on page 18.
Image Optimize: Default	You can change the printer settings on tab2.
	See "Print Setting Items" on page 18.

About the Settings Explained Below

The settings explained on the following pages cannot be made on some devices. If any setting cannot be made, the default setting explained above is used.

Names of settings that are displayed on Canon PictBridge compliant devices are used in the description given below.

Different names may be displayed on your device depending on the brand or model. For details, refer to your device's instruction manual.

About Image Data Format for Printing

This printer accepts images* taken with a camera compatible with the Design rule for Camera File system and PNG files.

*Exif2.21 compliant

About "Paper size" and "Paper type"

When you have selected **Default** (selections based on the printer setting), the printer operates based on the print setting screen.

To print on Photo Paper Pro, select **Fast Photo** from **Paper type** on the display of the device.

Select **Photo** for Photo Paper Plus Glossy.

The following sizes and types of paper can be loaded in the printer by selecting options from **Paper size** and **Paper type**.

"Paper size" setting	"Paper type" setting	Paper loaded in printer
10 x 15 cm/4" x 6"	Photo	Photo Paper Plus Glossy
	Fast Photo	Photo Paper Pro
	Photo	Photo Paper Plus Semi-Gloss
	Photo	Glossy Photo Paper
	Photo	Photo Stickers*1
13 x 18 cm/5" x 7"*2	Photo	Photo Paper Plus Glossy
A4/8.5" x 11" (Letter) *3*4	Photo	Photo Paper Plus Glossy
	Fast Photo	Photo Paper Pro
	Photo	Photo Paper Plus Semi-Gloss
	Photo	Glossy Photo Paper
5.4 x 8.6 cm/Credit Card	Photo	Glossy Photo Paper Credit Card

^{*1} This paper is exclusively used to print photo stickers. When printing on sticker paper, select 10 x 15 cm/4" x 6" in Paper size.

■ About "Layout" and "Trimming"

For **Layout**, when you have selected **Default** (selections based on the printer setting), the printer operates based on the print setting screen.

■Note

When printing onto Photo Stickers (PS-101) (16-up), use the following settings.

- (1) Select the auto sheet feeder as the paper source. For details, see "Loading Paper" on page 11. Always load Photo Stickers (PS-101) in the auto sheet feeder.
- (2) Select 10 x 15 cm/4" x 6" for the Paper size, and Photo for the Paper type.
- (3) Select **N-up** for **Layout**, then select **16**.

Some PictBridge compliant devices display the Layout option; **2-up**, **4-up**, **9-up**, and **16-up**. In this case always select **16-up**. If there are no options on the PictBridge compliant device that correspond to 2-up, 4-up, 9-up, or 16-up, printing on stickers is not possible.

By default, **Off (No trimming)** is selected for **Trimming**.

^{*2} This size can be selected only for Canon PictBridge compliant devices (note that it cannot be selected for some models).

^{*3} **Plain Paper** can be selected for **Paper type** when **A4** or **8.5"** x **11"** (**Letter**) is selected for **Paper size**. When **Plain Paper** is selected for **Paper type**, bordered printing will be performed even when **Borderless** is selected for **Layout**.

^{*4} When A4 or 8.5" x 11" (Letter) is selected for Paper size, you can print in 4-up layout.

About "Image optimize"

When you have selected **Default** (selections based on the printer setting), the printer operates based on the print setting screen.

If you use a Canon PictBridge-compliant device, you can select **VIVID**, **NR**, **VIVID+NR**, or **Face**. (Note that these options cannot be selected for some models.)

■ Notes

- When **VIVID** is selected, green and blue portions of photos are printed vividly.
- When **NR** (Noise Reduction) is selected, noise in blue portions, such as the sky, and dark portions is removed.
- When **VIVID+NR** is selected, functions of both **VIVID** and **NR** are performed.
- When Face is selected, backlit images are corrected when printed.

About "Date/File No. print"

By default, Off is selected for this printer.

If you select an image which has had the shooting date embedded in it using a camera with print mode, select **Off** for this function. If you select **Date**, **File No.**, or **Both**, the date and/or file number will be printed over the embedded date.

Other Settings

If you use a Canon PictBridge-compliant device, you can use the following print settings. (Note that these print settings cannot be used for some models.) For details, refer to your device's instruction manual.

• Shooting Info (Exif Data)

You can print shooting Info (Exif Data) on photos in list format, or in the margins of specified photos.

Select Layout, then select the item displayed with the [i] icon.

• 35mm Film Style Layout (Contact Printing Layout)

You can print selected photos or index-specified photos in 35 mm film style layout (contact printing layout).

Select Layout then select the item displayed with the film icon.

Notes

- Never disconnect the USB cable during printing.
 When disconnecting the USB cable between the product and printer, follow the device instructions given in the Instruction manual.
- Controls of the digital camera cannot be used for the following:
 - Print quality setting
 - Printer maintenance
- For the device operation method and troubleshooting, refer to your device's manual.
- For print error messages, see "Cannot Print Properly from the Digital Camera" on page 70.

Printing Photographs Directly from a Canon Bubble Jet Direct Compatible Digital Camera

The following is a list of media types that can be set on a Canon Bubble Jet Direct compatible digital camera or digital video camera (PictBridge incompatible) along with their limitations when connected to this printer.

Media Types for Digital Camera

When you connect a digital camera, you can use the following media:

Digital Camera Setting	Media Type
Card #1	Photo Paper Pro 4" x 6"/101.6 x 152.4 mm
Card #2	Photo Paper Plus Glossy 4" x 6"/101.6 x 152.4 mm
	Photo Paper Plus Semi-Gloss 4" x 6"/101.6 x 152.4 mm
	Glossy Photo Paper 4" x 6"/101.6 x 152.4 mm
Card #3	Photo Paper Plus Glossy 5" x 7"/127.0 x 177.8 mm
LTR	Photo Paper Pro Letter size
	Photo Paper Plus Glossy Letter size
	Photo Paper Plus Semi-Gloss Letter size
	Glossy Photo Paper Letter size
A4	Photo Paper Pro A4 size
	Photo Paper Plus Glossy A4 size
	Photo Paper Plus Semi-Gloss A4 size
	Glossy Photo Paper A4 size

Notes

- For the digital camera operation method and troubleshooting, refer to your digital camera's manual.
- For print error messages, see "Cannot Print Properly from the Digital Camera" on page 70.
- By operating the digital camera, you can make the following prints:
 - You can make a standard print from the photo displayed in the single display mode or in the index display mode.
 - You can print specified numbers of photos, or make an index print by editing the DPOF.
 - For the photos taken with an ExifPrint-compatible digital camera, the ExifPrint function can be used.
 - If date printing is set from the digital camera, the date when the photograph was taken is to be printed (excluding the index print).
 - Photos will be scaled automatically according to the image size set on the digital camera and the size of the media set on the printer.
- The digital camera does not support the following functions:
 - Print quality setting
 - Printer maintenance
- Index printing can only be specified for images that were taken with a camera compatible with the Design rule for Camera File system (Exif2.21 compliant).

Printing Photographs from a Wireless Communication Device

If you have a mobile phone with an infrared port for wireless data transmission, you can print photos through a cordless connection with the printer. If the optional Bluetooth unit BU-20 is connected to the printer, you can also print photos through Bluetooth communication. For details, refer to the *Bluetooth User's Guide*.

When printing photos through infrared communication:

- See "Setting the Page Size, Media Type, and Layout When Printing From a Mobile Phone" below.
- See "Performing Infrared Communication" on page 44.

When printing photos through Bluetooth communication:

- See "Setting the Page Size, Media Type, and Layout When Printing From a Mobile Phone" below.
- See "Performing Bluetooth Communication" on page 45.

Setting the Page Size, Media Type, and Layout When Printing From a Mobile Phone

You can select the page size, media type, layout and borderless printing on the Wireless print setting screen when printing from a mobile phone through infrared communication or Bluetooth communication.

- 1 Turn on the printer.
- 2 Display the Wireless print settings screen.
 - (1) Press the **Menu** button.
 - (2) Use the **◆** ▶ buttons to select **Maintenance/settings** and then press the **OK** button.
 - (3) Use the **◄** ▶ buttons to select **Device settings** and then press the **OK** button.
 - (4) Use the ▲▼ buttons to select **Wireless print settings** and then press the **OK** button.

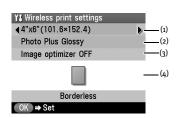
The Wireless print settings screen is displayed.

^{*} The initial setting is borderless printing on 4"x6" Photo Paper Plus Glossy.

3 Confirm or change the settings.

- (1) Use the ▲▼ buttons to select the item to set.
- (2) Use the **◄** ▶ buttons to change the setting.
- (3) Press the **OK** button after finishing all settings you need. The photos in the mobile phone can be printed according to the following settings.

Setting Items



- (1) Select the page size for the wireless print.
- (2) Select the media type for the wireless print.

Note

For information on wireless print compatible page size and media type, see "Media Types for Card Direct Printing" on page 16.

- (3) Corrects the contours and smooths out the jaggedness.
 - Image optimizer ON/Image optimizer OFF
- (4) Select the layout of the photos as below. Sticker print: Stickers x16

Printing on paper other than sticker:

Bordered, x2, x4, x8 Borderless, x2, x4, x8 Mixed 1, 2, 3

Note

Mixed 1, Mixed 2, and Mixed 3 can be selected only when the page size setting is A4/8.5"x11"(LTR).

■ Note

When printing on Canon Photo Stickers, make the settings as below.

Page Size	Media Type	Layout
Stickers	Photo Plus Glossy	Stickers x16

Performing Infrared Communication

You can print photos in your mobile phone.

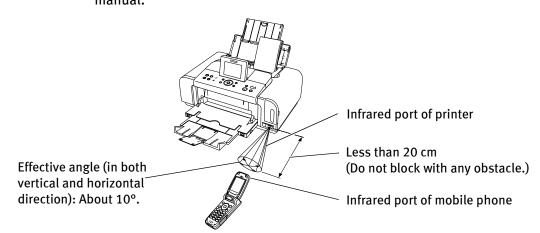
When printing through infrared communication, also refer to your mobile phone manual.

- **1** Turn on the printer.
- **2** Load the paper. See "Loading Paper" on page 11.
- Press the **Feed Switch** button to select the paper source in which you loaded the paper.
- Set the print setting.

 See "Setting the Page Size, Media Type, and Layout When Printing From a Mobile Phone" on page 42.
- 5 Start Infrared Communication.
 - (1) Oppose the infrared port of the mobile phone to that of the printer at a distance of less than 20 cm.
 - **Note**

The effective angle of the infrared port of the printer is about 10° from the central axis in both vertical and horizontal directions.

The allowable distance of communication with the printer depends on the mobile phone you use. For this distance, refer to your mobile phone manual.



(2) Select the photo to print and send the data to the printer using the infrared communication function of the mobile phone.

The **POWER** lamp on the printer flashes when the printer receives the data property.

Printing will start after receiving all data.



- In order to use infrared communication, your mobile phone or PDA must satisfy the following requirements:
 - The mobile phone or PDA must have an IrDA port and be compliant with image data transfer using infrared communication.
 - Printable contents: Image taken with a camera-equipped mobile phone or PDA.
- For the procedure to print from your mobile phone, refer to your mobile phone manual.
- Do not place any obstacle between the infrared ports of the printer and mobile phone. Data cannot be transmitted between them.
- During printing, be careful not to interrupt infrared communication with the printer. If it is interrupted, send the data from the mobile phone again.
- Depending on your device, the Fine print quality option may not be available due to the restriction on the infrared transfer capacity.
- We recommend printing on sticker or credit card-sized paper when the print quality on other types of paper is not fine.

About transmittable data

- It does not support printing a downloaded content or photo and a photo attached to an E-mail for security reason.
- It does not support printing video files.
- Depending on your device, it may not print data stored in a memory card.
- Depending on the size of a photo, it may take a while for this printer to start to print after starting the infrared transfer.
- It automatically sets the photo quality and orientation (horizontal or vertical) according to the photo size.
- It automatically sets to the margin according to the photo size.

Performing Bluetooth Communication

This section explains the procedure to print photos through Bluetooth communication from the mobile phone with the optional Bluetooth unit BU-20.

For the procedure to print through Bluetooth Communication from the computer, refer to the *Bluetooth User's Guide*.



The mobile phone supporting the OPP (Object Push Profile) or BIP (Basic Imaging Profile) can print photos. For details of profiles, refer to your product's instruction manual.

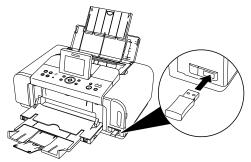
Printing through Bluetooth communication

When you print through Bluetooth communication from a mobile phone, refer to your mobile phone manual.

1 Prepare to print.

- (1) Confirm the printer is ON.
- (2) Load the paper See "Loading Paper" on page 11.
- (3) Ensure the paper source.

2 Connect the Bluetooth unit BU-20 to the direct print port.



3 Set the print setting.

See "Setting the Page Size, Media Type, and Layout When Printing From a Mobile Phone" on page 42.

4 Start printing from a mobile phone.

- When you select the device name, select the initial value of this printer "Canon iP6600D-1".
- If you are required to enter the passkey, enter the initial value "0000".

You can change the device name of the printer or passkey in Bluetooth settings on the printer. See "Changing the Bluetooth Settings—Bluetooth settings" on page 47.

Notes

- Communication is possible up to about ten meters depending on the conditions below. The printing speed may change depending on the following conditions:
 - Presence of obstacles between the communication equipment and radio wave conditions.
 - Presence of magnetic fields, static electricity or electromagnetic interference.
 - Receiver sensitivity and antenna performance of the communication equipment.
- For the transmittable data, see "About transmittable data" on page 45.

Changing the Bluetooth Settings—Bluetooth settings

You can change the **Bluetooth settings** such as device name of a printer and passkey.

- 1 Turn on the printer.
- 2 Connect the Bluetooth unit BU-20 to the direct print port.

The **Bluetooth settings** screen does not appear until the Bluetooth unit is connected.

- 3 Display the **Bluetooth settings** screen.
 - (1) Press the Menu button.
 - (2) Use the **◄** ▶ buttons to select **Maintenance/settings** and then press the **OK** button.
 - (3) Use the **◄** ▶ buttons to select **Device settings** and then press the **OK** button.
 - (4) Use the ▲ ▼ buttons to select **Bluetooth settings** and then press the **OK** button. The **Bluetooth settings** screen is displayed.
- 4 Change the setting.
 - (1) Use the $\blacktriangle \blacktriangledown$ buttons to select the setting item you want to change.
 - (2) Use the **→ → →** buttons to select the items you want to set then press the **OK** button.

■ Setting Items

• Device name: Select the device name of this printer displayed on the screen of

the Bluetooth devices.

When you set iP6600D-2, the printer name on the Bluetooth

device is "Canon iP6600D-2".
The initial value is set to **iP6600D-1**.

• Access refusal: Selecting ON will disable search and printing from Bluetooth

devices.

• Security: Selecting Enable will enable a passkey. Setting a passkey will

prevent incorrect access from other Bluetooth devices.

• Passkey: You can change the passkey. The passkey refers to an identification number to be determined. It is used to prove

identification number to be determined. It is used to prevent

incorrect access from other Bluetooth devices.

The initial value is set to "0000".

After you change the passkey, you are required to enter the new passkey again. Enter the new passkey to Bluetooth device.

Using Data in the Memory Card on the Computer

Browsing Photos in the Memory Card on the Computer

By pressing the **Easy-PhotoPrint Startup** button, you can display photos in the memory card on the computer display with Easy-PhotoPrint, if the printer is connected to the computer. You can print the photos from Easy-PhotoPrint.

○Important

To use the **Easy-PhotoPrint Startup** button, connect the printer to the computer and install the printer driver, Easy-PhotoPrint, and Memory Card Utility (required only for Windows Me/Windows 98/Windows 98 Second Edition). For more information on installation, refer to the *Easy Setup Instructions*.

- **1** Ensure that the printer and the computer are turned on.
- 2 Press the Easy-PhotoPrint Startup button.

Easy-PhotoPrint starts on the computer.



- For information on printing with Easy-PhotoPrint and other details, refer to the *Photo Application Guide*.
- Easy-PhotoPrint displays only the selected photos when you have selected photos using the search function. For the information about the search function, see "Searching for Photos with the Shooting Date" on page 23.

Saving Data in the Memory Card onto the Computer

By pressing the **Save** button, you can save the data in the memory card on the hard disk of the computer.

№Important

To use the **Save** button, connect the printer to the computer and install the Memory Card Utility (required only for Windows Me/Windows 98/Windows 98 Second Edition). For more information on installation, refer to the *Easy Setup Instructions*.

- **1** Ensure that the printer and the computer are turned on.
- 2 Press the Save button.

The photos will be saved to a folder created in the location specified below. The folder will be named automatically according to the date that it was created (YYYY MM DD).

Windows XP/Windows 2000/Windows Me: My Pictures folder

Windows 98: My Documents folder

Mac OS X v.10.2.1 or later: **Pictures** folder



You can save only the selected photos when you have selected photos using the search function. For the information about the search function, see "Searching for Photos with the Shooting Date" on page 23.

Setting up the Card Slot as the Memory Card Drive of the Computer

The card slot of the printer can also be used as the memory card drive of the computer.

○Important

- To use the card slot of the printer as the memory card drive of the computer, the printer must be connected to the computer, and the Memory Card Utility must have been installed for Windows Me/Windows 98/Windows 98 Second Edition. If the utility is not installed, install it following the installation procedure explained in the Easy Setup Instructions.
- When Read/write mode is selected, you cannot print photo in the memory card. After you are finished with using the card slot as a memory card drive for your computer, remove the memory card, then be sure to select Read-only mode again.
- **1** Ensure that the printer and the computer are turned on.
- 2 Display the Read/write attribute screen.
 - (1) Ensure that no memory card is in card slot. If a memory card is in the card slot, remove it.
 - (2) Press the Menu button.
 - (3) Use the ◀ ▶ buttons to select **Maintenance/settings** and then press the **OK** button.
 - (4) Use the **◄** ▶ buttons to select **Device settings** and then press the **OK** button.
 - (5) Use the ▲▼ buttons to select **Other settings** and then press the **OK** button.
 - (6) Use the ▲ ▼ buttons to select Read/write attribute and then press the OK button.
- 3 Specify the Read/write attribute.
 - (1) Use the ▲▼ buttons to select a mode.
 - •When selecting **Read/write mode**, the card slot is used as the memory card drive of the computer. Photo data can be written into the memory card.
 - •When selecting **Read-only mode**, the card slot is used only for reading. Be sure to select this mode when printing photos.
 - (2) Press the **OK** button.

|--|

If you use the card slot of the printer as the memory card drive of the computer, follow the instructions for removal of the memory card from the computer before removing it.

Windows: Right-click the removable disk icon and click **Eject**. If **Eject** is not displayed on the screen, ensure that the indicator lamp is not flashing and remove the memory

Macintosh: Be sure to drag the icon into the **Trash**.

Replacing an Ink Tank

Replace ink tank(s) if they are out of ink. When replacing them, check the model numbers and their installation positions.

With this printer, ink tanks must be installed from the right in the order indicated below.





- Be sure to install the ink thanks in the correct order. The proper arrangement from the left is Black, Cyan, Photo Cyan, Photo Magenta, Magenta, Yellow.
- Should missing characters or white streaks appear despite sufficient ink levels, see "When Printing Becomes Faint or Colors are Incorrect" on page 54.

Getting the Ink Level Information

You can confirm the ink level in each ink tank through the ink tank lamps. Open the cover of the printer to see how the ink tank lamps light or flash.

Ink is low:



The ink tank lamp flashes slowly (at about three second interval). Prepare a new ink tank.

Ink is out:

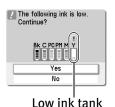


The ink tank lamp flashes quickly (at about one second interval), Replace the ink tank with a new one.

Knowing When to Replace Ink Tank

If an ink tank needs replacing, the **Alarm** lamp lights. Confirm the message displayed on the LCD.

Ink is low: The **1** symbol appears above an ink tank that is low.



When printing starts, the message is displayed on the LCD. Obtain a replacement tank as soon as possible.

- To continue printing, select **Yes** and then press the **OK** button.
- To cancel printing, select **No** and then press the **OK** button.

Ink is out: The symbol appears above an empty ink tank.



- If printing has not finished, you can continue printing for a while by
 pressing the **OK** button with the empty ink tank installed. However,
 you will need to replace it with a new one as soon as printing
 finishes. If you continue printing with an empty ink tank, it may
 damage the printer.
 - *Printing does not resume if any of the ink tanks are removed. Be sure to press the **OK** button with the ink tanks installed.
- Press the Stop/Reset button to cancel printing. Replace the ink tank with a new one.

Replacing Ink Tanks

When ink tanks run out of ink, replace them using the following steps.

- **1** Ensure that the printer is on.
- 2 Put your fingers in the notches in either side of the paper output tray and pull down to open it.
- **3** Open the cover, and then the inner cover forward to open it.

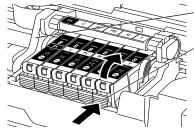
The print head holder moves to the center.



If the cover is opened more than ten minutes, the print head holder moves to the right side. Close and reopen the cover to return the holder to the center.

4 Remove the ink tank with flashing red lamp fast.

(1) Push the tab and remove the ink tank.



Do not touch the print head lock lever; remove only the ink tank.

Push the tab and remove the ink tank.

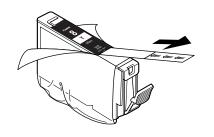
■Note

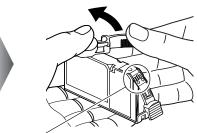
Be sure to replace the ink tank one by one when replacing more than one ink tank.

№ Important

- Handle ink tanks carefully to avoid staining clothing or the surrounding area.
- Discard empty ink tanks according to the local laws and regulations regarding disposal of consumables.

5 Prepare a replacement tank.





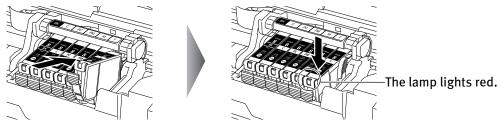
Do not touch the electrical contacts. Doing so can cause the printer to malfunction or become unable to print.

- (1) Unpack the new ink tank and completely pull off the orange tape. Then, remove the film.
- (2) Remove the orange protective cap from the bottom of the ink tank and discard it.

▶Important

- Be sure to remove the clear film from the ink tank in the exact order shown in step 5-(1), as failure to follow this step may cause the ink to leak and stain your clothes and hands.
- Do not squeeze the side of ink tanks as this may cause the ink to leak out and stain your clothes and hands.
- Do not re-attach the protective cap once you have removed it.
- Once the protective cap is removed, do not touch the open ink port.
- Ensure that all the orange tape has been peeled off along the perforation. If there remains a part of the orange tape, ink may not be ejected correctly.

6 Install the ink tank.

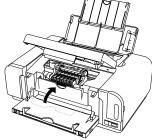


- (1) Insert the ink tank in the print head holder.
- (2) Press on the mark until the ink tank snaps firmly into place.
- (3) Ensure that the ink tank lamp lights red.

Ensure that the ink tanks are installed in the order directed by the label. The printer cannot be used unless all the ink tanks are installed.

7 Close the inner cover and the cover.

The print head holder moves to the right. The ink tank installation process is now complete.



Notes

- Ensure that the inner cover is closed. Printing will not occur if the inner cover is open.
- The **Alarm** lamp still lights after the cover is closed if an ink tank is not installed properly. Open the cover and make sure that all the ink tanks are installed in the correct order directed on the label.
- To maintain optimal print quality, use an ink tank within six months of its first use.
- Once an ink tank has been used, do not remove it from the printer and leave it out in the open. This will cause the ink tank to dry out and the printer may not operate properly when it is reinstalled.
- Color ink consumption may occur even when black-and-white or grayscale printing is specified.
 Color ink is consumed in the head cleaning and deep cleaning, which are necessary to maintain the printer.
- When you start printing after replacing the ink tank, the printer executes print head cleaning automatically. Do not perform any other operations until the print head cleaning finishes.

Printing Maintenance

When Printing Becomes Faint or Colors are Incorrect

When printing becomes faint or colors are incorrect, even if ink remains in the ink tanks, the print head nozzles are probably clogged. Follow the procedures below to clean the nozzles. If the ruled lines are shifted after running the print head maintenance, align the print head.

○Important

Before printing the nozzle check pattern or cleaning the print head, check the following;

Open the cover and make sure that all the ink tanks click into place and then their lamps light red.

If any one of the lamps is flashing the associated an ink tank is empty or running low. Replace the ink tank.

See "Replacing an Ink Tank" on page 50.

If an ink tank lamp is flashing even though ink remains in that ink tank, it is inserted in the wrong position. Make sure that the correct ink tank color is inserted in each position.

See "Replacing an Ink Tank" on page 50.

If the lamp is unlit, press the on the ink tank to fully insert it. Make sure that all packaging material is peeled off the ink tank. See "Replacing an Ink Tank" on page 50.

Step1 =

"Printing the Nozzle Check Pattern" on page 55

If missing lines or white stripes appear

After print head cleaning, print the nozzle check pattern.

Step2

"Print Head Cleaning" on page 56

If the problem remains after performing print head cleaning twice

Step3

"Print Head Deep Cleaning" on page 57

■ Note

If print head deep cleaning does not resolve the problem, the print head may be defective. Contact the Customer Care Center.

If the ruled lines are shifted

Step1

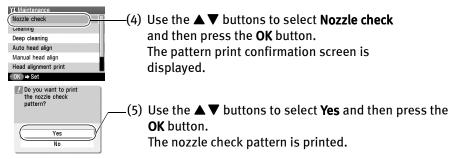
"Aligning Print Head - Auto head align" on page 58

Printing the Nozzle Check Pattern

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzles. Use this function when printed results are blurred or the color is incorrect.

Ensure that the inner cover is closed.

- **1** With the printer on, load a sheet of A4/Letter-sized paper in the printer.
- 2 Press the **Feed Switch** button to select the paper source in which you loaded the paper.
- 3 Print the nozzle check pattern.
 - (1) Press the Menu button.
 - (2) Use the ◀ ▶ buttons to select Maintenance/settings and then press the OK button.
 - (3) Use the **◄** ▶ buttons to select **Maintenance** and then press the **OK** button.



(6) Examining the nozzle check pattern. See below.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern output by the printer, and clean the print head when necessary.



The nozzle check pattern will not be printed correctly if there is not enough ink. Replace the ink tank if the remaining amount of ink is insufficient. See "Replacing an Ink Tank" on page 50.



 When all the patterns are printed normally, select All A and press the OK button.

The screen returns to the Maintenance screen.



When a white stripe exists on any of the printed patterns, select Also B and press the OK button.
 The confirmation screen is displayed.
 Select Yes and press the OK button to start head cleaning.

See "Print Head Cleaning" on page 56.

Print Head Cleaning

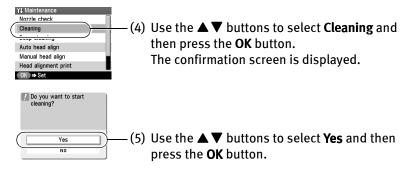
Clean the print head if missing lines or white stripes appear in the printed nozzle check pattern. Note that cleaning the print head causes waste ink to be absorbed in the waste ink absorber. Cleaning the print head consumes ink, so perform print head cleaning only when necessary.

Ensure that the inner cover is closed.

1 Ensure that the printer is on.

2 Start print head cleaning.

- (1) Press the Menu button.
- (2) Use the **◄** ▶ buttons to select **Maintenance/settings** and then press the **OK** button.
- (3) Use the **◄** ▶ buttons to select **Maintenance** and then press the **OK** button.



▶Important

Do not perform any other operations until the print head cleaning finishes. This takes about 30-50 seconds.

Note

After print head cleaning finishes

After print head cleaning finishes, print the nozzle check pattern to verify that the print head nozzles are clean. See "Printing the Nozzle Check Pattern" on page 55.

When ink is low, the nozzle check pattern is not printed correctly. See "Replacing an Ink Tank" on page 50.

If the print quality remains poor, repeat print head cleaning twice.

If the print quality still remains poor, perform print head deep cleaning. See "Print Head Deep Cleaning" on page 57.

Print Head Deep Cleaning

If print quality does not improve by standard print head cleaning, try print head deep cleaning, which is more powerful process. Note that cleaning the print head causes waste ink to be absorbed in the waste ink absorber. Print head deep cleaning consumes more ink than standard print head cleaning, so perform this procedure only when necessary.

Ensure That the inner cover is closed.

- **1** Ensure that the printer is on.
- 2 Start print head deep cleaning.
 - (1) Press the Menu button.
 - (2) Use the **◄** ▶ buttons to select **Maintenance/settings** and then press the **OK** button.
 - (3) Use the **◄** ▶ buttons to select **Maintenance** and then press the **OK** button.
 - (4) Use the ▲▼ buttons to select **Deep cleaning** and then press the **OK** button. The confirmation screen is displayed.
 - (5) Use the ▲▼ buttons to select **Yes** and then press the **OK** button.
 - Do not perform any other operations until the print head deep cleaning finishes. This takes about 1-2 minutes.

Note 🌉

After print head deep cleaning

After print head deep cleaning finishes, print the nozzle check pattern to verify that the print head nozzles are clean. See "Printing the Nozzle Check Pattern" on page 55.

When one specific color only does not print, see "Replacing an Ink Tank" on page 50.

If the print head nozzles are still not clean, open the cover and ensure that there are sufficient ink levels in all ink tanks and turn off the printer. Be sure to perform another print head deep cleaning 24 hours after turning off the printer.

If this does not solve the problem, the print head may be damaged. Contact the Customer Care Center.

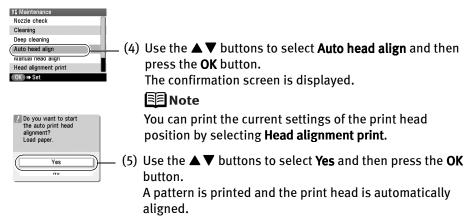
Aligning Print Head - Auto head align

If ruled lines are misaligned or a printout is unsatisfactory, adjust the print head position.

Print head alignment is performed automatically. However, you can align the print head manually if the results of automatic print head alignment are not satisfactory.

■ Notes

- Automatic print head alignment cannot be performed from the cassette.
 Always load paper in the auto sheet feeder.
- Ensure that the inner cover is closed.
- **1** With the printer on, load a sheet of A4/Letter-sized plain paper in the auto sheet feeder.
- 2 Align the print head automatically.
 - (1) Press the Menu button.
 - (2) Use the ◀ ▶ buttons to select Maintenance/settings and then press the OK button.
 - (3) Use the **◄** ▶ buttons to select **Maintenance** and then press the **OK** button.



■ Note

When Automatic Print Head Aligning Cannot Be Executed Correctly When automatic print head aligning cannot be executed correctly, the message "Auto head align has failed. Press [OK] and repeat operation. <See manual>" is displayed on the LCD.

See "An Error Message is Displayed on the LCD" on page 60.

Troubleshooting

Let's take a look at countermeasures against troubles which may occur during use of the printer.



Here, we will discuss errors indicated on the LCD, problems that might occur during direct printing from the digital camera. If you cannot find the symptom corresponding to a certain problem, refer to the *User's Guide*.

- "An Error Message is Displayed on the LCD" on page 59
- "POWER Lamp and Alarm Lamp Flash Alternately" on page 62
- "Cannot See the Display Properly on the LCD/Cannot See the Display on the LCD" on page 62
- "Printer Does Not Start/Ink Does Not Come Out/Printing is Blurred/Colors are Wrong/White Streaks" on page 63
- "Back of Paper is Smudged/Paper Does Not Feed Properly/Printed Surface is Scratched" on page 64
- "Paper Jams" on page 67
- "Cannot Print Properly from the Digital Camera" on page 70
- "Cannot Print Properly through Wireless Communication" on page 72

An Error Message is Displayed on the LCD

If **Alarm** lamp lights, and an error message is displayed on the LCD, take the corresponding countermeasure described below.

Message	Try This
There are no photos in memory card.	 Photo data edited/processed on the computer should be printed from the computer, not from the camera. There is no proper data in the memory card. See "Memory Cards Supported by This Printer" on page 8.
Ink has run out. Replace the ink tank and close the cover. U041	The ink has run out (The lamp on the ink tank flashes). Replace the ink tank, and close the cover. If printing is in progress and you want to continue printing, press the OK button with the ink tank installed. Then printing can continue under the ink out condition. Replace the empty ink tank immediately after the printing. The printer may be damaged if printing is continued under the ink out condition. The printer may be damaged if printing is continued under the ink out condition. The printer may be damaged if printing is continued under the ink out condition. The printer may be damaged if printing is continued under the ink out condition. The printing is in progress and you want to continue under the ink out condition. The printing is in progress and you want to continue under the ink out condition. The printing is in progress and you want to continue under the ink out condition. The printing is in progress and you want to continue under the ink out condition. The printing is in progress and you want to continue printing, press the OK button with the ink out condition. The printing is in progress and you want to continue printing, press the OK button with the ink out condition.

Message	Try This
Print head is not installed. Install the print head./ The type of print head is incorrect. Install the correct print head.	Install the print head. If the print head is already installed, remove the print head and reinstall it. If this error still remains, the print head may be damaged. Contact the Customer Care Center.
Some ink tanks are not installed in place. U072/ More than one ink tank of the following color is installed. U071	Possible causes are as follows: Some ink tanks are not installed in place. More than one ink tanks of the same color are installed. Confirm that the ink tanks are installed in the appropriate positions. See "Replacing an Ink Tank" on page 50.
The waste ink absorber is almost full. Press [OK] to continue but early replacement recommended. (See manual)	The printer has a built-in waste ink absorber to hold the ink used during print head cleaning, for example. This error message indicates that the waste ink absorber is nearly full. Press the OK button to cancel the error so you can continue printing. Before the waste ink absorber becomes completely full, contact the Customer Care Center. (You will need to replace a particular part of the printer.) Canon recommends that you call for service as soon as this error occurs. Once the waste ink absorber becomes completely full, printing cannot be performed until the waste ink tank is replaced.
Incompatible device detected. Remove the device	Disconnect the camera cable and reconnect it. Depending on the model or brand of your device, you may have to select a print mode compliant with PictBridge before connecting the device. You may also have to turn on the device or select Play mode manually after connecting the device to the printer. Perform necessary operations according to the instruction manual supplied with your device. If the error is still unresolved, there is a possibility that you are using a digital camera or digital video camcorder that is not supported by this printer. Use a digital camera or digital video camcorder compatible with this printer.
Auto head align has failed. Press [OK] and repeat operation. (See manual)	 Possible causes are as follows: Other than A4/Letter-sized plain paper is loaded. Press the OK button to clear the error, and then load A4/Letter-sized plain paper in the auto sheet feeder. Print head nozzles are clogged. Press the OK button to clear the error, and then print the nozzle check pattern to examine the print head condition. For information how to print a nozzle check pattern, see "Printing the Nozzle Check Pattern" on page 55. The paper output slot has been exposed to a strong light source preventing current print head alignment. Press the OK button to clear the error and move the printer to a darker location. After carrying out the above measures, if the problem continues after aligning the print head again, press the OK button to clear the error, and then perform manual print head alignment. For details on manual print head alignment, see "Adjusting the Print Head Manually" on page 62.

Message	Try This
The remaining level of the following ink cannot be correctly detected. U130	An ink tank that was once empty is installed. Replace the ink tank. Printing under the situation may damage the Print Head. Canon shall not be liable for any printer malfunction or damage caused by refilled ink tanks. If you want to continue printing with the refilled ink tank installed, press and hold the Stop/Reset button for at least five seconds, and then release it. Using refilled ink tanks is memorized. * This operation will release the function for detecting the remaining ink level.
The following ink tank cannot be recognized. U140 U043	Possible causes are as follows: • The ink tank may not be installed properly (The lamp on the ink tank is off). Install the appropriate ink tank. • The ink tank may not be compatible with this printer (The lamp on the ink tank is off). Install the appropriate ink tank. See "Replacing an Ink Tank" on page 50.
The following ink tank cannot be recognized. U150	Ink tank errors have occurred (The lamp on the ink tank is off). Replace the ink tank. See "Replacing an Ink Tank" on page 50.
Error code	An error that requires contacting the Customer Care Center may have occurred. (POWER lamp and Alarm lamp flash alternately.) Disconnect the printer cable from the printer, and then turn the printer off and unplug the printer from the power supply. Plug the printer back in and turn the printer back on after leaving it for a while. If the problem remains, contact the Customer Care Center.

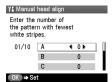
■ Note

Adjusting the Print Head Manually

If the automatic print head adjustment does not work or if you wish to adjust the print heads manually, follow the procedure below.

- With the printer on, load two sheets of A4/Letter-sized plain paper in the auto sheet feeder.
- 2. Press the **Menu** button.
- Use the

 buttons to select Maintenance/settings and then press the OK button.
- 4. Use the **◄** ▶ buttons to select **Maintenance** and then press the **OK** button.
- Use the ▲ ▼ buttons to select Manual head align and then press the OK button.
- 6. When the confirmation message is displayed, use the ▲ ▼ buttons to select Yes and then press the OK button. The print head alignment pattern will be printed.
- 7. The message of "Did the patterns print correctly?" is displayed on the LCD. Ensure that the patterns were printed normally and use the ▲ ▼ buttons to select Yes and then press the OK button.



- Examine the printed pattern and enter the number of column "A" with fewest white stripes using the ◀ ▶ buttons.
- Use the ▼ button and move the cursor to column "B", and use the ◀ ▶ buttons to select the number with fewest white stripes.
- 10. Repeat same procedure and enter the pattern numbers up to column "J".
- 11. After setting the number of all column, press the **OK** button.

POWER Lamp and Alarm Lamp Flash Alternately

Possible Cause	Try This
An error that requires contacting the Customer Care Center may have occurred	Disconnect the printer cable from the printer, and then turn the printer off and unplug the printer from the power supply. Plug the printer back in and turn the printer back on after leaving it for a while. If the problem remains, contact the Customer Care Center.

Cannot See the Display Properly on the LCD/Cannot See the Display on the LCD

Possible Cause	Try This
Cannot see the display properly on the LCD/ The display on the LCD is illegible	Adjust the contrast of the LCD in the Adjust contrast menu in the Maintenance/settings . See "Changing the Other Settings" on page 33.
Cannot see the display on the LCD	The LCD may be in the sleep mode. Press the OK button to turn on the LCD again. * If you leave the printer more than five minutes without using any button on the operation panel, the LCD goes into the sleep mode automatically.

Printer Does Not Start/Ink Does Not Come Out/Printing is Blurred/ Colors are Wrong/White Streaks

Daneible Carre	T Th!
Possible Cause	Try This
Ink tank is empty	If the ink tank lamp is flashing, ink is empty. Replace the ink tank and close the cover. If printing is not finished yet, just press the OK button on the printer to continue printing in the "no ink" state. Replace the ink tank as soon as possible after printing finishes. Continuing to print in the "no ink" state may cause damage to the printer. See "Replacing an Ink Tank" on page 50. The Note If multiple ink tank lamps are flashing red, check how fast they flash. Fast flashing (about at one second interval) indicates the ink is empty. Slow flashing (about at three second intervals) indicates ink is low. For details on different flashing speeds, see "Getting the Ink Level Information" on page 50.
Ink tank is not installed in the correct position	If an ink tank lamp is flashing even though ink remains in that ink tank, it is inserted in the wrong position. Make sure that the correct ink tank color is inserted in each position. See "Replacing an Ink Tank" on page 50.
Incorrect media type	On the operation panel, confirm that the media type selected matches the paper loaded.
Print head nozzles clogged or shifted	Print the nozzle check pattern to check for uneven ink output. When a specific color is missing from the nozzle check pattern, clean the print head. If ink supply is uneven: See "Print Head Cleaning" on page 56. If straight lines are shifted: See "Aligning Print Head - Auto head align" on page 58.
Paper loaded wrong side up	Check the print side of the printer. Note Follow the instructions packaged with your specialty media for loading and handling.
Ink tank is not fully inserted	Open the cover, paper output tray and inner cover, and then press on the mark on the ink tank whose lamp is off until the ink tank clicks into place. Once the ink tank is installed properly its lamp will light red. Ensure that all the orange tape has been peeled off as shown in (1). If there remains a part of the orange tape as shown in (2), remove it thoroughly. (1) Correct An L shaped notch appears on orange tape. Peel off the tape completely along the perforation.

Back of Paper is Smudged/Paper Does Not Feed Properly/Printed Surface is Scratched

Surface is Scrate	
Possible Cause	Try This
Inside of the printer is dirty	If the inside of the printer is dirty, printed paper may be smudged. Follow the steps described below to clean the inside of the printer. Note
	 (4) Press the Menu button. (5) Use the ▶ buttons to select Maintenance/settings and then press the OK button.
	(6) Use the ▲ ▶ buttons to select Maintenance and then press the OK button. (7) Use the ▲ ▼ buttons to select Bottom plate cleaning and then press the OK button. The confirmation screen is displayed. (8) Use the ▲ ▼ buttons to select Yes and then press the OK button.
	If protrusions inside the printer are stained, wipe ink off the protrusions using a swab or the like.
	Namportant Before cleaning, be sure to turn off the printer.
	25.5.5 steaming, see suite to turn on the printer.

Possible Cause	Try This				
Paper feed roller is dirty	Follow the steps described below to clean the paper feed rollers. Since the paper feed roller cleaning exhausts the paper feed roller, perform only when it is needed. (1) Ensure that the printer is turned on. If any paper is loaded in the printer, remove the paper. (2) Select the paper feed roller of the auto sheet feeder or cassette by pressing the Feed Switch button on the printer. (3) Press the Menu button. (4) Use the ◀ ▶ buttons to select Maintenance/settings and then press the OK button. (5) Use the ◀ ▶ buttons to select Maintenance and then press the OK button. (6) Use the ▲ ▼ buttons to select Roller cleaning and then press the OK button. (7) Use the ▲ ▼ buttons to select Yes and then press the OK button. The paper feed roller will rotate as it cleans. (8) Repeat (3) through (7) twice. (9) Load three or more sheets of A4/Letter-sized plain paper lengthways in the auto sheet feeder or cassette selected in (2). (10) Repeat (3) through (7). The paper that is loaded in the printer will feed through the printer and be ejected. (11) Repeat (10) three times. If repeating this procedure three times or more does not solve the problem, contact the Customer Care Center.				
Inappropriate media type is used	 Check to see if the paper you are printing on is too thick. See "Print Media to Avoid" on page 11. Note that smudging may occur at the top and bottom edges of the paper when using the borderless printing. Ensure that the paper you are using is compatible with the borderless printing. If all four corners or the printing surface of the paper is curled, the paper may become dirty or the paper may not feed properly. Use the paper after correcting paper curl as follows. (1) Place the paper on a flat surface with the print side*¹ face up, then cover it with plain regular paper to avoid damaging the surface. (2) Roll up the paper in the opposite direction as shown in the figure below. (1) (2) (2) (2) (3) Check the printing paper if paper curl is corrected within approximately 2 to 5 mm/0.08 to 0.2 inches*². It is recommended to print the curl-corrected paper one sheet at a time. 				

Possible Cause	Try This
The inner cover is open	Close the inner cover completely. Paper does not feed properly if the inner cover is even slightly open.

■ Note

If the printed surface is still scratched

Follow the procedure below and set the **Prevent paper abrasion** to **ON**. This procedure also applies to direct printing from your camera.

- 1. Press the **Menu** button.
- Use the ◀ ▶ buttons to select Maintenance/settings and then press the OK button.
- 3. Use the ◀ ▶ buttons to select **Device Settings** and then press the **OK** button.
- 4. Use the ▲▼ buttons to select **Print settings** and then press the **OK** button.
- 5. Use the ▲▼ buttons to select **Prevent paper abrasion** and then press the **OK** button.
- 6. Use the $\triangle \nabla$ buttons to **ON** and then press the **OK** button.
- * After printing is completed, return the Prevent paper abrasion to OFF.

■ Paper Jams

Possible Cause	Try This
Paper jams in the paper output slot	Remove the paper according to the following procedure. (1) Slowly pull the paper out, either from the auto sheet feeder or from the paper output slot, whichever is easier.
	 If the paper tears and a piece remains inside the printer, open the cover and remove it. A Caution
	Be careful not to touch the components inside the printer at this time. After removing all paper, close the cover, turn the printer off and turn it back on.
	 If you cannot pull the paper out, turn the printer off and turn it back on. The paper will be ejected automatically.
	(2) Reload the paper into the printer and press the OK button on the printer. If you have turned off the printer in step (1), you will need to retry printing, because this operation cancels any print jobs in progress. ■■ Note
	When reloading the paper into the printer, see "Back of Paper is Smudged/ Paper Does Not Feed Properly/Printed Surface is Scratched" on page 64 to confirm that you are using the correct paper and are loading it into the printer correctly.
	If you cannot remove the paper or if the paper tears inside the printer, or if the paper jam error continues after removing the paper, contact the Customer Care Center.
Landscape credit card-sized paper jams inside the printer	Remove the paper according to the following procedure. Important
	You cannot load credit card-sized paper in the landscape orientation.
	 (1) Load a sheet of credit card-sized paper in the auto sheet feeder one sheet at a time. Do not load it in the landscape orientation. (2) Press the POWER button on the printer to turn off the power.
	 It may take a while for the printer to turn completely off after the POWER button is pressed. Press the POWER button again on the printer to turn on the power.
	The paper is fed and the jammed paper is ejected accordingly. If you cannot remove the jammed paper or if the paper jam error continues after removing the paper, contact the Customer Care Center.

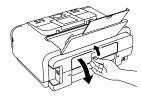
Possible Cause

Try This

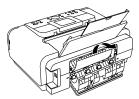
Paper jams inside the Transport Unit

Remove the paper according to the following procedure.

(1) Open the rear cover.



(2) When you can see the jammed paper, slowly pull the paper out.



A Caution

If you cannot pull the paper out, turn the printer off, and then turn it back on. The paper will be ejected automatically.

Be careful not to touch the components inside the printer.

- (3) Close the rear cover.
- (4) If you could not pull the paper out in step (2), remove the cassette.
- (5) Slowly pull the jammed paper out.



- (6) If any paper is sticking out of the cassette, reload the paper in the cassette.
- (7) Insert the cassette into the printer again, and press the **OK** button on the printer.

If you have turned off the printer in step (2), you will need to retry printing, because this operation cancels any print jobs in progress.



When reloading the paper into the printer, see "Back of Paper is Smudged/Paper Does Not Feed Properly/Printed Surface is Scratched" on page 64 to confirm that you are using the correct paper and are loading it into the printer correctly.

If you cannot remove the paper or if the paper tears inside the printer, or if the paper jam error continues after removing the paper, contact the Customer Care Center.

Possible Cause	Try This
Paper jams inside the printer	Remove the paper according to the following procedure. (1) Remove the cassette. If the paper is loaded in the auto sheet feeder, remove the paper from the auto sheet feeder. (2) Stand the printer with the rear side down. (3) Slowly pull the jammed paper out while pulling the green cover toward you.
	A Caution
	A Caution Put back the printer immediately after removing the jammed paper. (4) If any paper is sticking out of the cassette, reload the paper in the cassette. Reload paper in the auto sheet feeder, if necessary. (5) Insert the cassette into the printer. (6) Press the OK button on the printer.
	When reloading the paper into the printer, see "Back of Paper is Smudged/Paper Does Not Feed Properly/Printed Surface is Scratched" on page 64 to confirm that you are using the correct paper and are loading it into the printer correctly. If you cannot remove the paper or if the paper tears inside the printer, or if the paper jam error continues after removing the paper, contact the Customer Care Center.
Landscape 4" x 6"/101.6 x 152.4 mm size paper loaded in the cassette jams inside the printer	Remove the paper according to the following procedure. Important Load 4" x 6"/101.6 x 152.4 mm media in the portrait orientation regardless of the print direction.
	 (1) Press the POWER button of the printer to turn off the power. Then, open the rear cover. (2) Fold a piece of A4/Letter-sized plain paper in four, push it in until it hits the jammed paper, then pull out the paper folded in four. (3) Close the rear cover, then press the POWER button of the printer to turn on the power. Wait until the jammed paper is automatically ejected. If you cannot remove the jammed paper or if the paper jam error continues after removing the paper, contact the Customer Care Center.

Cannot Print Properly from the Digital Camera

The following are the possible errors that may occur when printing directly from a digital still camera or digital video camcorder*, and the countermeasures to eliminate them.

*Hereafter, the digital still camera and digital video camcorder are collectively called a digital camera or camera.

■Note

This section describes errors that are indicated on Canon-brand PictBridge- or Bubble Jet Direct-compatible cameras.

The error messages and operations may vary depending on the camera you are using. If you cannot clear the error on your device, check the error message displayed on the LCD of the printer, and then clear it. For details, see "An Error Message is Displayed on the LCD" on page 59.

Error message on camera	Try This
Printer in use /Printer warming up	Images are being printed from the computer. Wait until printing ends. The printer automatically starts printing the images from the camera after completing the current printing. If the printer is warming up, wait until warm-up ends. When it is ready, the printer starts printing automatically.
No paper/Paper Error	Load paper in either the auto sheet feeder or cassette which you have selected with the Feed Switch button on the printer, and select Continue *1 in the display on your camera. If the paper output tray is closed, open it to resume printing. If the inner cover is open, close it and select Stop in the display on your camera to stop printing.
Paper jam	Select Stop in the display on your camera to stop printing. Remove the jammed paper, load new paper, and press the OK button on the printer and retry printing.
Printer cover open	Close the cover on the printer.
No printhead	The print head is defective or not installed. Install a print head according to the <i>Easy Setup Instructions</i> . If the print head has already been installed, remove the print head and reinstall it. If the error still remains, the print head may be defective. Contact the Customer Care Center.
Waste tank (ink absorber ^{*2}) full	The printer has a built-in waste ink absorber to hold the ink used during print head cleaning, for example. This error message indicates that the waste ink absorber is nearly full. You can continue printing for a while by selecting Continue *1 in the display on your camera. However, because printing is disabled once the waste ink absorber becomes completely full and until the waste ink tank is replaced, you are recommended to contact the Customer Care Center as early as possible. (You will need to replace a particular part of the printer.)
Low ink level	Slow flashing (at about three second interval in red) of an ink tank lamp indicates that ink in this tank is low. Prepare a new ink tank. Select Continue *1 in the display on your camera to resume printing.

Error message on camera	Try This				
No ink	You can check the printer status according to the way the ink tank lamps (red) flash. Check the status of the lamp and take the appropriate action to clear the error. • When the ink tank lamp is off, possible causes are as follows: • The ink tank may not be installed properly. Install the appropriate ink tank. • The ink tank may not be compatible with this printer. Install the appropriate ink tank.				
	 See "Replacing an Ink Tank" on page 50. When the ink tank lamp flashes fast (at about one second interval), possible causes are as follows: The ink has run out. Replace the ink tank, and close the cover. If printing is in progress and you want to continue printing, select Continue* in the display on your camera with the ink tank installed. Then printing can continue under the ink out condition. Replace the empty ink tank immediately after the printing. The printer may be damaged if printing is continued under the ink out condition. 				
	If multiple ink tank lamps are flashing, check how fast they flash. Fast flashing (at about one second interval) indicates the ink is empty. Slow flashing (at about three second interval) indicates ink is low. For details on different flashing speeds, see "Getting the Ink Level Information" on page 50.				
	 Some ink tanks are not installed in place, or more than one ink tanks of the same color are installed. Confirm that the ink tanks are installed in the appropriate positions. See "Replacing an Ink Tank" on page 50. 				
Ink Error/No ink	The ink tank that was once empty is installed. Replace the ink tank. Printing under the situation may damage the print head. Canon shall not be liable for any printer malfunction or damage caused by refilled ink tanks. If you want to continue printing with the refilled ink tank installed, press and hold the Stop/Reset button for at least five seconds, and then release it. Using refilled ink tanks are memorized. * This operation will release the function for detecting the remaining ink level.				
Hardware Error/No ink	The ink tank errors have occurred. Replace the ink tank. See "Replacing an Ink Tank" on page 50.				
Printer error	An error requiring servicing might have occurred. (Printer POWER lamp and Alarm lamp flash alternately.) Disconnect the cable between the printer and the camera, turn off the printer, and unplug the power cord of the printer from the power supply. After a while, plug the power cord of the printer back in, turn on the printer, and then reconnect the camera to the printer. If the same error occurs, contact the Customer Care Center.				

^{*1} To resume printing, you can press the **OK** button on the printer instead of selecting **Continue**.

^{*2} The waste ink absorber absorbs ink used during cleaning, for example. If this message appears, you will need to call for servicing to replace the absorber and to check the printer for proper operation.

Notes 1

- PictBridge or Canon Bubble Jet Direct compatible digital cameras can be connected to your printer for direct printing.
- A communication time out occurs if printing takes a long time or if it takes too much time to send data. This may stop printing. In such a case, disconnect the cable between the printer and the camera, and reconnect it. Then, turn the camera on, if it does not automatically turn on just by connecting the cable. If the problem is still unresolved, select some other photo and check if it can be printed or not.
- Depending on the model or brand of your device, you may have to select a print mode compatible with PictBridge before connecting the device. You may also have to turn on the device or select Play mode manually after connecting the device to the printer. Perform necessary operations according to the instruction manual supplied with your device.
- The print head nozzles may be clogged if printing becomes faint or colors are incorrect. See "When Printing Becomes Faint or Colors are Incorrect" on page 54.
- If the paper is curled or its surface is scratched during printing, make sure that you are using the correct type of paper. If this error occurs even when you are using the correct type of paper, select **ON** in the **Prevent paper abrasion** menu. See "If the printed surface is still scratched" on page 66.
- To disconnect the cable connected between a digital camera and printer, follow the procedure below.
 - 1. Disconnect the cable from the printer.
 - 2. Turn off the digital camera.
 - 3. Disconnect the cable from the digital camera.
 - When disconnecting the cable, be sure to hold the connector by its sides.
- For the errors indicated on the camera and their solution, also refer to the user's manual of the camera. For other troubles on the digital camera, contact the manufacturer.

■ Cannot Print Properly through Wireless Communication

The following are the causes of the trouble may occur when printing through infrared communication.

For the trouble when printing through Bluetooth communication, refer to the *Bluetooth User's Guide*.

Possible Cause	Try This
The installation place, distance, and/or angle is improper	Check the installation place, distance, or angle. See "Performing Infrared Communication" on page 44.
During infrared communication, infrared rays were interrupted or another infrared communication device is operating nearby	If infrared communication between the infrared ports of the printer and the mobile phone is interrupted by any obstacle for ten and several seconds or longer during printing, the paper on which data is being printed is ejected and the printer is reset. Remove the obstacle and retry printing. If an infrared communication device is operating nearby, interference can occur and fail in printing the document to the end. While printing a document through infrared communication, do not operate another infrared communication device, such as a remote controller of a TV, nearby.
The requirements for infrared communications with the mobile phone are not satisfied	Use the mobile phone or PDA, which has an IrDA port compatible with the image data transfer using the infrared communication.

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Direct Printing Guide

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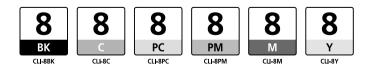
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Periferico Sur No. 4124 Col. Ex-Rancho de Anzaldo, C.P. 01900, Mexico, D.F.

The following ink tanks are compatible with this printer. For details on ink tank replacement, refer to "Replacing an Ink Tank" in this guide.



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