

User's Guide



Canon MP390 User's Guide.

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Super G3 is a phrase used to describe the new generation of fax machines that use ITU-T V.34 standard 33.6 Kbps* modems. Super G3 High Speed Fax machines allow transmission time of approximately 3 seconds* per page which results in reduced telephone line charges.

* Approximately 3 seconds per page fax transmission time based on ITU-T No. 1 Chart (Standard Mode) at 33.6 Kbps modem speed. The Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or lower, depending on telephone line conditions.

Exif Print

This machine supports Exif 2.2 (also called "Exif Print").

Exif Print is a standard for enhancing the communication between digital cameras and printers. By connecting to an Exif Print-compliant digital camera, the camera's image data at the time of shooting is used and optimized, yielding extremely high quality prints.

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► How To Use The Documentation Provided

Set-Up Sheet

(Printed documentation)



Be sure to read this sheet first.

This sheet includes instructions for setting up your machine and getting it ready for use.

Follow all steps in this sheet before using your machine.

User's Guide (This guide)



Read this guide when starting to use the machine.

After following instructions in the *Set-Up Sheet*, read this guide for instructions on printing from your computer, direct photo printing from selected digital cameras and memory cards, faxing, copying, and scanning.

Software Guide (Electronic documentation)



This guide is available on the Setup CD-ROM.

Refer to this guide for full instructions on printing, scanning, and faxing from your computer. This guide, included as a PDF file on the Setup CD-ROM, describes each function in detail, as well as the methods of using the MP Drivers, MP Toolbox and the Fax driver. To read this manual, see page 160.

Photo Application Guide (Electronic documentation)



This guide is available on the Setup CD-ROM.

This guide, included as an HTML file, describes the utility software on the Setup CD-ROM, such as Easy-PhotoPrint and Easy-WebPrint, including instructions on how to scan data, various printing methods, and function details. Like the *Software Guide*, this guide is included on the Setup CD-ROM. To read this manual, see page 160.

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▶ Reading The Document

Symbols Used In This Guide

Please read the list below of symbols used in this guide. The following symbols are used to indicate important instructions. Be sure to obey these instructions.

★ WARNING Indicates a warning concerning operations that may lead to death or

injury to persons if not performed correctly. In order to use the machine

safely, always pay attention to these warnings.

A CAUTION Indicates a caution concerning operations that may lead to injury to

persons or damage to property if not performed correctly. In order to

use the machine safely, always pay attention to these cautions.

MEDIMPORTANT Indicates operational warnings and restrictions. Be certain to read these

items to operate the machine correctly, and to avoid damage to the

machine.

NOTE Indicates notes for operation or additional explanations. Reading these is

highly recommended.

See Set-Up Sheet Refer to the Set-Up Sheet for more information.

See Software Guide Refer to the Software Guide (included on the Setup CD-ROM) for more

information.

(See page nn) Indicates a page number where additional information can be found.

Indicates the description of the machine when used as a fax.

Indicates the description of the machine when connected to a computer.

• (Operation Used for an operation that can be performed in branch procedures.

branch title)

1. (Operation Used to explain each operation of a branch procedure.

branch-step)

Keys Used In This Guide

Please read the descriptions below of notations of keys and messages used in this guide.

[key name] Text enclosed in these brackets indicates a key on the operation panel of the

machine or an item on the computer to be manipulated.

Example: [Color]

<message> Text enclosed in these brackets indicates a message or selectable menu item

which appears on the LCD (Liquid Crystal Display).

Example: <PHOTO PAPER PRO>, <OFF>

Terms Used In This Guide

Please read the list below of terms and abbreviations used in this guide.

machine General term used to represent the MP390.

default A setting that remains in effect unless you change it.

document The original sheets of paper, pages of a book, or photographs you copy, fax,

or scan with the machine.

paper Paper on which you can print with the machine.

menu A list of settings from which you select an item to set up or change. A menu

has a title which appears on the LCD.

FAX transaction A four-digit number assigned automatically to any document you send or

number receive.

FAX TX/RX NO. Denotes Transaction number.

FAX TX Denotes Sending.

FAX PX Denotes Receiving.

click, Term that indicates selecting a command or option on your computer,

double-click generally with a mouse.

PC point Term that indicates moving a mouse pointer onto a desired item.

PC right-click Term that indicates clicking the right button of a mouse.

/(Slash) Used when consecutively listing OS or model names. For example,

"Windows 2000/XP" indicates "Windows 2000" and "Windows XP."

Chapter

Introduction

▶ Features Of Your Machine

Thank you for purchasing the Canon MP390. Your machine incorporates the following functions in one simple-to-operate device:

Desktop photo printer .. Prints photo-quality images from any digital camera or memory card, without using a computer.

Copier Makes color or black & white copies. Also, applies advanced copy features to your copies.

FAX Fax Faxes in color or black & white directly from your machine, or sends faxes from your computer.

Printer...... Prints photographs, vivid color and crisp black and white documents from your computer.

Scanner..... Scans high-resolution images to your computer and processes them easily using the utility software supplied.

You may select to use your machine as a stand-alone device for copying, photo printing, and faxing. Alternatively, connect your machine to a computer and you will have a fully integrated desktop printer/copier/fax/scanner. The utility software supplied with your machine enables you to perform a variety of tasks from your computer effortlessly and efficiently.

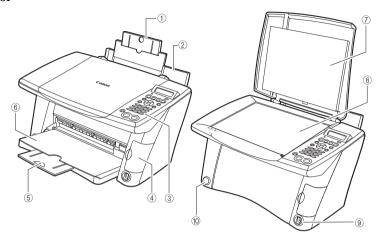
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Main Components And Their Functions

This section provides the name and location of main components of this machine, and also describes their functions.

Machine

Exterior



1 **Tray extension** Supports paper loaded in the multi-purpose tray. Pull it out before loading paper.

2 Multi-purpose tray Used to load paper.

③ **Operation panel** Displays the operating status of the machine. It is also used to change or

check the settings of each function. For details, see page 12.

4 Card slot cover Covers the card slot. Open this cover when inserting a memory card or

CompactFlash card adapter containing a memory card into the card

slots.

⑤ **Tray extension** Supports printouts. Grasping the notch, pull this out before copying or

printing. When not being used, keep it closed in the paper output tray.

(6) **Paper output tray** Printouts are output to this tray. Open the tray before you start copying

or printing, by pressing the Open button. If closed, the tray will

automatically open when the machine starts to copy or print. When not

being used, keep it closed in the machine.

7 **Document cover** Covers the platen glass. Open this cover when loading a document on

the platen glass.

Direct print port Used to connect a PictBridge- or Canon Bubble Jet Direct-compatible (for digital camera)digital camera or digital video camcorder to the machine when printing

images directly from the camera. For details, see page 65.

Open button Press this button to open the paper output tray accommodated in the

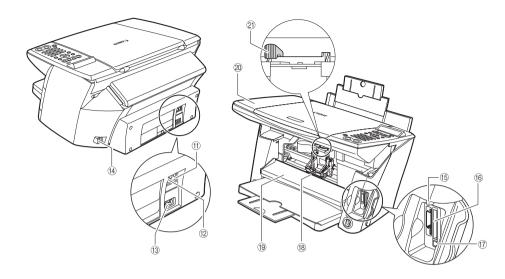
machine.

IMPORTANT

The paper output tray will not open when the machine is placed on a tilted surface.

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Rear view and interior



(11) External device jack Connects the external device.

Telephone line jack Connects the telephone line.

Power connector Used to connect the power cord to the machine.

(4) **USB connector** Used to connect a computer to the machine when printing or faxing from or scanning to the computer.

(5) Access lamp Lights when a memory card is inserted into the card slot. This lamp

flashes while the machine is reading or writing data from/to the memory card. When the machine finishes reading or writing the card, the lamp

shuts off.

(6) Card slot Insert a memory card or CompactFlash card adapter containing a

memory card into these slots when photo printing. The machine is

equipped with two kinds of card slots.

17 Memory card eject

button

Press this button to remove the CompactFlash card adapter, Microdrive memory card, or CompactFlash from the card slot. For details, see

page 46.

(18) **Print head holder** Used to install a print head.

Inner cover Open this cover when setting the paper thickness lever, replacing the

ink tanks, or clearing a paper jam.

A CAUTION

Printing with the inner cover open may result in injury.

② Scan unit Lift this unit until it locks into place when the inner cover needs to be

opened.

21 Paper thickness

lever

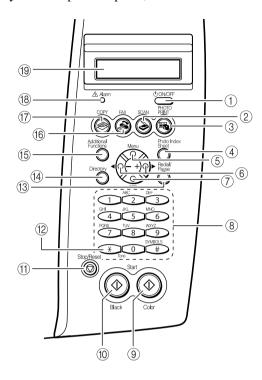
Switches the distance between the print head and paper according to the paper type. Adjust the lever to the position appropriate for the paper

loaded.

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Operation Panel

This section describes the keys on the operation panel, and their functions and locations.



① **[ON/OFF] key**Turns the machine ON and OFF. Before turning ON the machine, make sure the scan unit is closed. When turning ON and OFF, keep the key

pressed for at least one second.

② [SCAN] key

Switches the machine to scan mode. In scan mode, the machine scans a document to your computer according to the settings selected. This key

is used when the machine is connected to a computer.

③ [PHOTO PRINT] Switches the machine to photo print mode.
key

(4) [Photo Index Sheet] Switches the machine to Photo Index Sheet mode. key

⑤ [Menu] key Accesses the settings to customize operation of your machine.

(6) [◄ (-)] and [► (+)] Scroll through menu selections, and increase or decrease the number of copies or the image file number.

(7) [Set] key Selects or confirms settings. Also, press this key to recover to standby mode after correcting paper jams and other errors that stop printing.

8 Numeric keys Enter numerical values such as the number of copies, as well as fax/ telephone numbers and characters.

[Black] key Starts black & white copying, scanning, or faxing.

① [Stop/Reset] key Cancels operations and returns the machine to standby mode.

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[Tone] key Switches temporarily to tone dialing. Also changes the mode when entering characters.
 [Redial/Pause] key Redials the last dialed number. Also enters pauses between or after numbers when dialing or registering numbers.
 [Directory] key Use when dialing fax/telephone numbers registered in the directory.
 [Additional Functions] key Switches the machine to user mode, in which you can customize the ink level warning, various fax settings, maintenance, etc.

(b) [FAX] key Switches the machine to fax mode.
(7) [COPY] key Switches the machine to copy mode.

(8) Alarm lamp Flashes when the machine is turned ON or OFF, when an error occurs,

or when paper or ink has run out.

(9) LCD (Liquid Displays messages, menu selections, and the operation status.Crystal Display)

⊘ NOTE

• The power cannot be turned OFF with [ON/OFF] when the machine is operating.

• Your machine performs a print head cleaning every time you plug in the machine. This ensures optimum print quality but also consumes a small amount of ink during the cleaning process.

• The machine cannot receive faxes when the power is turned OFF.

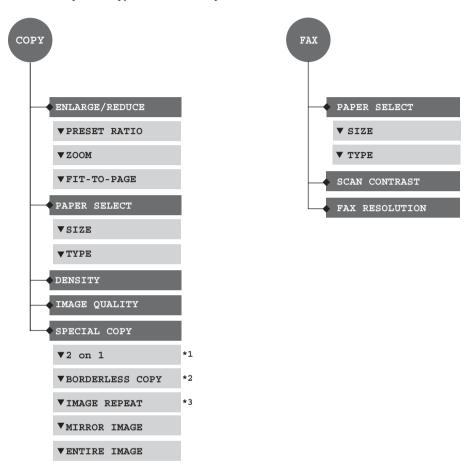
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► Menu Flow

Refer to this menu flow when setting features of this machine.

NOTE

For details on Special Copy features, see Chapter 3.



^{*1} You can use this feature only when the paper size is set to <LTR> or <A4>.

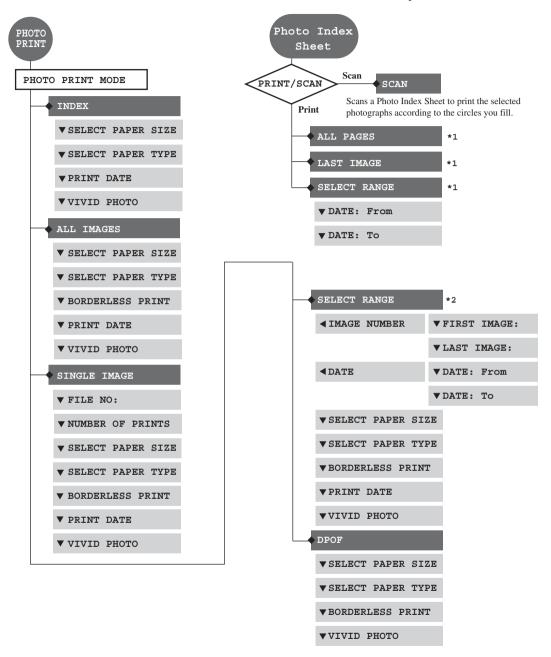
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^{*2} You can use this feature only when the paper size is set to $\langle LTR \rangle$, $\langle 4 " \times 6 " \rangle$, $\langle 5 " \times 7 " \rangle$, or $\langle A4 \rangle$.

^{*3} When selecting <MANUAL> for <IMAGE REPEAT>, you can select 1-4 times for <HORIZONTAL> and <VERTICAL>.

NOTE

For details on the Photo Print mode and Photo Index Sheet features, see Chapter 4.



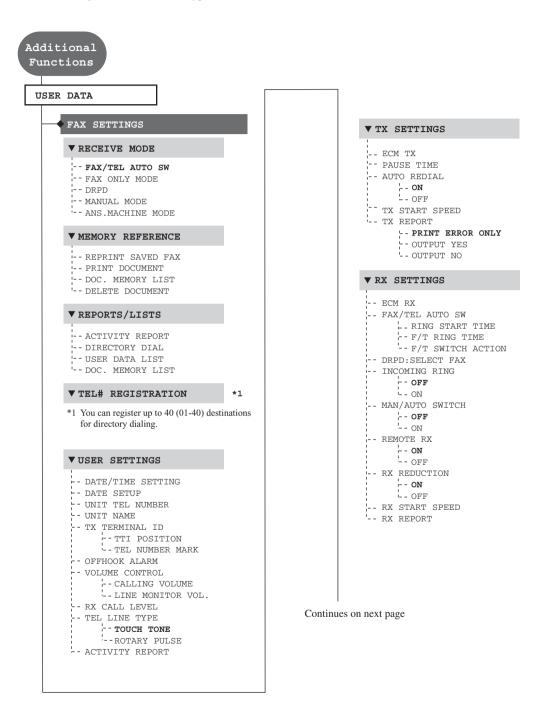
^{*1} For Photo Index Sheet, you can select <ALL PAGES>, <LAST IMAGE>, or <SELECT RANGE> only when 31 or more images are stored on the memory card.

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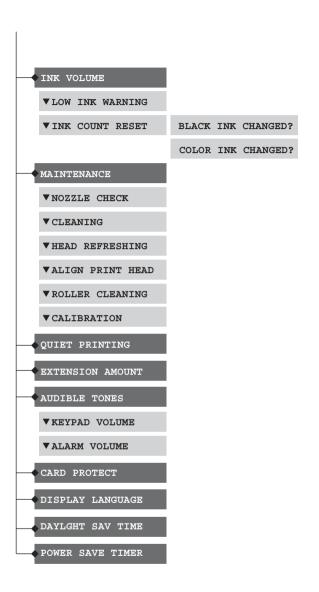
^{*2} For <SELECT RANGE>, you can specify the range by <IMAGE NUMBER> or <DATE>.



- For details on Additional Functions, see Chapter 14.
- Default settings are shown in bold type.



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Chapter

Document And Paper Handling

▶ Document Requirements

The documents you load on the platen glass for copying, faxing, or scanning must meet these requirements:

Document Type	 All types of paper documents Photographs Books
Size (W×L)	Max. 8 1/2 in. × 11 3/4 in. (216 mm × 297 mm)
Quantity	1 sheet10 documents for Multi-Scan
Thickness	Max. 3/4 in. (20 mm)

Multi-Scan is a function for scanning multiple documents (small-size documents) at a time. For more information, see *Software Guide*, located on your Setup CD-ROM.

Loading Documents

To copy, fax, or scan a document, set it on the platen glass.

⊘ NOTE

Make sure any glue, ink, or correction fluid on the document is completely dry before loading.

1 Lift the document cover.

2 Load your document on the platen glass.

- Place your document face down on the platen glass.
- Align the upper left corner of your document with the alignment mark on the lower right corner of the platen glass.

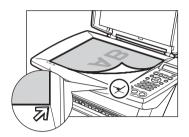
∅ NOTE

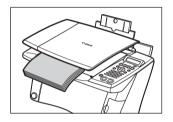
The machine cannot scan the area within approximately 1/8 in. (3 mm) of the front and right edges of the platen glass.

3 Gently close the document cover.

NOTE

Thick documents (Max. 3/4 in./20 mm), such as books, can also be scanned.





▶ General Paper Guidelines

Paper Types You Cannot Use

Do not use:

- -Folded, creased, curled, or wrinkled paper
- -Envelopes with double flaps, or with pressure seals
- -Moist paper
- -Paper with holes (e.g. punched holes)
- -Very thin paper (less than 17 lb. or 64 g/m²)
- -Very thick paper (more than 28 lb. or 105 g/m²) *Other than Canon genuine paper.
- -Postcards with photographs or stickers adhered to them
- -Envelopes made with embossed or treated surfaces

Handling Paper

- Hold the paper as closely as possible to its edges and try not to touch the print surface. Print quality will deteriorate if the print surface is damaged or becomes dirty.
- Do not touch the print surface until the ink has dried.
- Some paper may curl and the print surface may smudge if you have used a large amount of ink for printing. If this occurs, move the paper thickness lever to the right (see page 26). Paper that tends to curl is not recommended for printing photographs or graphics. Use it for printing mainly text.
- If the paper is curled, uncurl it before printing.
- Place the paper back into its packet when not using it, and store out of direct sunlight in a place where the temperature and humidity are low.

▶ Recommended Paper And Requirements

The following paper is recommended for use with your machine. Please be sure to follow the guidelines and meet the requirements when loading paper in the multi-purpose tray.

Paper Type		PC Printer Driver Setting For [Paper Type]
Plain paper	Approx. 100 sheets (17 lb. or 64 g/m ²)	[Plain Paper]
Envelopes	Approx. 10 envelopes	[Envelope]

Canon Specialty Paper

Canon recommends that you use genuine Canon paper to insure optimal print quality.

Paper Type	Load Limit	PC Printer Driver Setting For [Paper Type]
High Resolution Paper	Approx. 80 sheets	[High Resolution Paper]
Glossy Photo Paper	10 sheets (Letter/A4) 20 sheets (4" × 6")	[Glossy Photo Paper]
Matte Photo Paper	10 sheets	[Matte Photo Paper]
Photo Paper Plus Glossy	10 sheets (Letter/A4/5" × 7") 20 sheets (4" × 6")	[Photo Paper Plus Glossy]
Photo Paper Pro	10 sheets (Letter/A4) 20 sheets (4" × 6")	[Photo Paper Pro]
Transparencies	30 sheets	[Transparency]
T-Shirt Transfers	1 sheet	[T-shirt Transfer]

NOTE

- For envelopes and T-shirt Transfer, set the paper thickness lever position to the right. For the other paper types, set it to the left.
- If the paper does not feed properly, fan the sheets prior to loading them (up to 10) in the multi-purpose tray. Fanning the sheets will prevent them from sticking together.

Selecting The Correct Paper

This section describes the characteristics and intended use of each paper applicable to this machine. Refer to this section and select the paper most suitable for your purpose of printing.

Paper Type	Size	Purpose	Guidelines And Restrictions
Plain paper	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) Legal (8 1/2 in. × 14 in./ 215.9 mm × 355.6 mm) A4 (8 1/4 in. × 11 3/4 in./210 mm × 297 mm)	Printing from your computer/ photo printing/ copying/faxing	 17 lb.–28 lb. (64 g/m²–105 g/m²) The machine supports the paper sizes shown on the left in portrait orientation. You can use regular copier paper, cotton bond paper, or typical letterhead. Your machine does not require special ink jet paper. Legal-size paper can only be used when printing from your computer. Use letter- or A4-size paper for receiving faxes. We do not recommend using plain paper for photo printing.
Envelopes	US Commercial No. 10 (9 1/2 in. × 4 1/8 in./ 241 mm × 105 mm) European DL (8 5/8 in. × 4 3/8 in./ 220 mm × 110 mm)	Printing from your computer	 You may be able to load other envelopes, but Canon cannot guarantee consistent performance. Do not use the following types of envelopes since they may cause problems: Envelopes with windows, holes, perforations, cutouts, double flaps, pressure seals, and peel-off sealing strips. Envelopes made with embossed or treated surfaces. Sealed envelopes. Envelopes with letters enclosed. Remove each envelope from the paper output tray as soon as it is printed.

Canon Specialty Paper

Canon recommends that you use genuine Canon paper to insure optimal print quality.

Paper Type	Size	Purpose	Guidelines And Restrictions
High Resolution Paper	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) A4 (8 1/4 in. × 11 3/4 in./ 210 mm × 297 mm)	Printing from your computer/ /photo printing/ copying	 This type of paper provides better color reproduction than plain paper. It is suitable for printing business documents that feature graphics and for photographs. Load the paper with the whiter side facing up. Remove the sheets from the paper output tray before the count reaches 50. If the paper curls, remove each sheet as it is delivered in the paper output tray.
Glossy Photo Paper	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) A4 (8 1/4 in. × 11 3/4 in./ 210 mm × 297 mm) 4" × 6" (4 in. × 6 in./ 101.6 mm × 152.4 mm)	Printing from your computer/ photo printing /copying	 This paper is thicker than High Resolution Paper and has a glossy surface to produce printouts close to photograph quality. This paper is suitable for borderless printing. Do not touch the printing surface until the ink has dried. Load the paper with the glossier side facing up. Remove the sheets from the paper output tray before the count reaches 10. Do not use the loading support sheet included with this paper. If the ink takes a long time to dry, remove each sheet as soon as it is printed.
Matte Photo Paper	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) A4 (8 1/4 in. × 11 3/4 in./ 210 mm × 297 mm)	Printing from your computer/ photo printing	 This paper is thick and has a matte finish. This is matte paper and provides superior color reproduction. It is suitable for a variety of printing purposes such as paper crafts, calendars and matte photographs. By using borderless printing, you can print without any white borders. Load the paper with the whiter side facing up. Do not touch the printing surface until the ink has dried. Remove each sheet as soon as it is printed.

Paper Type	Size	Purpose	Guidelines And Restrictions
Photo Paper Plus Glossy	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) A4 (8 1/4 in. × 11 3/4 in./ 210 mm × 297 mm) 4" × 6"* (4 in. × 6 in./ 101.6 mm × 152.4 mm) 5" × 7" (5 in. × 7 in./ 127 mm × 177.8 mm)	Printing from your computer/ photo printing	 This is a thick paper with a glossy finish and provides superior color reproduction. It is ideal for printing high-quality photographs. By using borderless printing, you can print without any white borders. Load the paper with the glossy side facing up. Remove each sheet from the paper output tray as soon as it is printed.
Photo Paper Pro	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) A4 (8 1/4 in. × 11 3/4 in./ 210 mm × 297 mm) 4" × 6"* (4 in. × 6 in./ 101.6 mm × 152.4 mm)	Printing from your computer/ photo printing/ copying	 This is a thick paper with a glossy finish that provides superior color reproduction and good lightfastness. It is ideal for printing high-quality photographs. By using borderless printing, you can print without any white borders. For 4" × 6" cards, by printing the image beyond the perforations, you can then trim the borders to produce a photograph without any white borders. Do not trim the borders before printing. Load the paper with the glossy side facing up. For 4" × 6" cards, remove the cards from the paper output tray before the count reaches 20. For other than 4" × 6" cards, remove the paper from the paper output tray before the count reaches 10.

^{*} For borderless printing

Photo Paper Pro Guidelines

- Do not touch the print surface until the ink is dry (approx. 30 minutes). Colors in dark images may appear indistinct at first, but will become clearer after approx. 30 minutes.
- Images may smudge if you place them in an album before the ink is completely dry. It is recommended that you allow the ink to dry for 24 hours.
- Do not attempt to dry the ink with a hair dryer or by exposing printouts to direct sunlight.
- Do not store or display printouts in hot, damp, or humid conditions. Never expose them to heat or direct sunlight.
- Store printouts in photo albums, photo frames, or presentation binders to protect them from direct exposure to air or sunlight.
- Do not mount printouts in an adhesive-type album as you may not be able to remove them.
- Be aware that some types of clear plastic folders and albums may cause the edges of the paper to turn yellow.

Paper Type	Size	Purpose	Guidelines And Restrictions
Transparen- cies	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm) A4 (8 1/4 in. × 11 3/4 in./ 210 mm × 297 mm)	Printing from your computer/ copying	 This film is ideal for printing presentation material for use with overhead projectors. Load one sheet of plain paper as the last sheet in the stack. Although you can print on either side of the transparencies, best results can be obtained by printing on the side that curls when held by the edge. Remove each sheet from the paper output tray as soon as it is printed. Do not touch the printed surface or stack the transparencies until the ink has dried. If you are storing the transparencies for a long period of time, cover the printed sides with plain paper before storing.
T-Shirt Transfers	Letter (8 1/2 in. × 11 in./ 215.9 mm × 279.4 mm)	Printing from your computer/ copying	 This paper is used to produce iron-on transfers. Use mirror printing to print or copy the image onto the T-shirt transfer. Load the paper with the side that does not have green lines facing up. If the T-shirt transfer is curled, flatten it by curling it in the opposite direction. The T-shirt transfer should be used as soon as it is printed. Refer to the manuals supplied with the T-shirt transfer for details on how to use this paper. When copying, set the paper type to <pre><high res.=""></high></pre>, and the image quality to <pre><fine (photo)=""></fine></pre>.

Setting The Paper Thickness Lever

The paper thickness lever adjusts the gap between the print head and the paper to accommodate the thickness of various paper types. Before printing, be sure to set the paper thickness lever.

IMPORTANT

Set the paper thickness lever to the left when receiving faxes.

Follow this procedure:

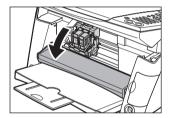
1 Lift the scan unit until it locks into place 1.

When the machine is ON, the paper output tray automatically opens when the scan unit is lifted ②. If the paper output tray does not open, press the Open button to open the paper output tray.

The print head holder moves to the middle.



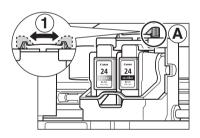
2 Open the inner cover.



Move the paper thickness lever (A) to the right or left according to the paper type (1).



For envelopes and T-shirt Transfer, set the paper thickness lever position to the right. For the other paper types, set it to the left.



4 Close the inner cover.

A CAUTION

- Press the center of the inner cover until the cover locks into place.
- Printing with the inner cover open may result in injury.
- 5 Return the scan unit to its original position.

The LCD displays the following message.



6 Press [▶].

NOTE

When not replacing an ink tank, be sure to press [▶], and no other key.

Loading Paper

Loading Paper

IMPORTANT

Load plain paper (letter- or A4-size) when receiving faxes.

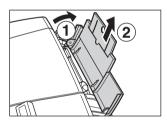
Follow this procedure:

Set the paper thickness lever to the right or left according to the paper type.

⊘ NOTE

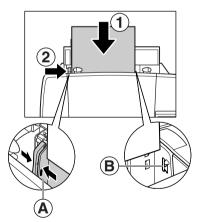
- For the appropriate paper thickness lever position for each paper type, see page 21.
- For details on setting the paper thickness lever, see page 26.
- 2 Open the multi-purpose tray ①, then pull out the tray extension ②.

The tray extension can be extended in two parts.



- 3 Place a stack of paper (print side up) in the multi-purpose tray ①, and pinch the paper guide (A) and adjust it to the left side of the stack ②.
 - IMPORTANT

Make sure the stack does not exceed the paper limit mark (B).



Loading Envelopes

Follow this procedure:

1 Set the paper thickness lever to the right.

⊘ NOTE

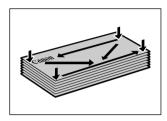
For details on setting the paper thickness lever, see page 26.

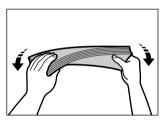
- 2 Open the multi-purpose tray, then pull out the tray extension.
- 3 Prepare the envelopes for loading.

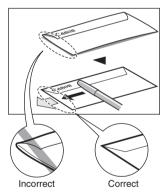
(1) IMPORTANT

- Press down firmly on the edges of the envelopes to make the folds crisp. Also, press firmly on the area that corresponds to the edges of the back flap.
- Remove any curling by holding the edges diagonally and bending them gently.

- If the edges of the envelope are inflated or are curling, place the envelope on a flat surface. With a pen, press down while moving it from the center toward the edges of the envelope.
- Ensure that no curl or puff exceeds 1/8 in. (3 mm).







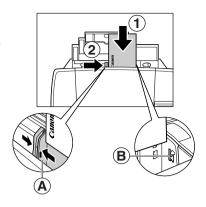
Cross-sections of the envelope edge

4 Place the stack of envelopes (print side up) in the multi-purpose tray 1, and pinch the paper guide A and adjust it to the left side of the stack 2.

Load the envelopes in the multi-purpose tray with the short side down.

(1) IMPORTANT

Make sure the stack does not exceed the paper limit mark (B).



Chapter Chapter Copying

Documents You Can Copy

For information on the types of documents you can copy, their requirements, and details on loading them, see Chapter 2.

Setting The Paper Size And Type

For copying using the operation panel, you need to set the size and type of paper loaded in the multi-purpose tray.

```
NOTE
```

- For details on paper, see page 21.
- The asterisk <*> on the LCD indicates the current setting.

Follow this procedure:

- 1 Press [COPY].
- 2 Press [Menu] twice until <2.PAPER SELECT> appears.

```
2.PAPER SELECT
```

3 Press [Set].

```
Ex: SIZE : < *LTR > TYPE : *PLAIN
```

4 Use [◀] or [▶] to select the paper size.

```
-<LTR>: Letter size
-<4 "×6">: Card size
-<5 "×7">: Card size
-<A4>: A4 size
```

5 Press [Set].

```
Ex: SIZE : *LTR
TYPE : < *PLAIN >
```

6 Use [◀] or [▶] to select the paper type.

-<PLAIN>: Suitable for plain paper.
 -<GLOSSY>: Suitable for Glossy Photo Paper.
 -<HIGH RES.>: Suitable for High Resolution Paper.
 -<TRANS.>: Suitable for Transparencies.

-<TRANS.>: Suitable for Transparencies.
-<PHOTO PRO>: Suitable for Photo Paper Pro.

-<PHOTO PLUS>: Suitable for Photo Paper Plus Glossy.-<OTHER>: Suitable when using photo paper other than that described above (such as

Matte Photo Paper), or if you do not know the paper type.

NOTE

In order to obtain optimal quality print results, when copying photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.

7 Press [Set].

▶ Making Copies

When making color or black & white copies, you can adjust the print resolution and density. You can also change reduction or enlargement settings.

(1) IMPORTANT

After turning ON the machine, or after recovering from Power Save mode (see page 120), the image may not be correctly read by the machine. Wait at least one minute before copying.

Follow this procedure:

1 Load the document on the platen glass.

NOTE

For details on how to load documents, see page 19.

- 2 Press [COPY].
- 3 Use [◀] or [▶] to select the number of copies, or enter the number using the numeric keys (max. 99 copies).



NOTE

For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

4 Adjust the settings for your document as necessary.

NOTE

- To select the paper size and type, see page 30.
- To select the image quality, see page 32.
- To select the scanning exposure, see page 33.
- To select the copy ratio, see page 33.

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5 Press [Color] for color copying, or [Black] for black & white copying.

The machine starts copying.

⊘ NOTE

- To cancel copying, press [Stop/Reset].
- The machine can also receive faxes in copy mode (when [COPY] is pressed).

► Adjusting Image Quality

You can adjust the image quality according to the document to be copied.

Follow this procedure:

- 1 Press [COPY].
- 2 Press [Menu] four times until <4.IMAGE QUALITY> appears.



3 Use [◀] or [▶] to select the image quality.

-<NORMAL>: Suitable for text-only documents.

-<FINE (PHOTO)>: Suitable for photographs.

-<FAST>: Suitable for high speed copying at a lower image quality.

⊘ NOTE

- <NORMAL> cannot be selected when <GLOSSY>, <HIGH RES.>, <PHOTO PRO>, <PHOTO PLUS>, or <OTHER> is selected as the paper type. (See page 30)
- <FAST> is only available when <PLAIN> is selected as the paper type. (See page 30)
- 4 Press [Set].

NOTE

When using <FAST>, if the quality is different from that expected, select <NORMAL> or <FINE (PHOTO) > and try copying again.

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► Adjusting Exposure (Density)

Exposure (density) is the degree of difference between light and dark. Increasing the exposure setting further blackens dark areas and whitens bright areas. Whereas decreasing the exposure setting reduces the difference between bright and dark areas. You can adjust the exposure between nine gradations.

Follow this procedure:

- 1 Press [COPY].
- 2 Press [Menu] three times until <3.DENSITY> appears.

```
3.DENSITY
-LT (000000000 DK+
```

- 3 Use [◀] or [▶] to select the exposure.
 - Pressing [◀] decreases the density, and pressing [▶] increases the density.
- 4 Press [Set].

Reducing Or Enlarging A Copy

You can reduce or enlarge copies using three different methods:

- **1 Preset copy ratios** You can select one of the preset ratios to reduce or enlarge copies.
- 2 Custom copy ratios You can specify the copy ratio in percentage to reduce or enlarge copies.
- **3 Automatic ratios** The machine automatically reduces or enlarges the image to fit the paper size.

The following sections describe how to use these methods.

Using Preset Copy Ratios

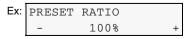
Preset copy ratios are convenient when changing between standard paper sizes, for example, reducing A4 to letter size, or enlarging 4" × 6" to letter size.

Follow this procedure:

- 1 Press [COPY].
- 2 Press [Menu] once until <1.ENLARGE/REDUCE> appears.



3 Press [Set].



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4 Use [◀] or [▶] to select the copy ratio.

NOTE

Pressing the numeric keys while setting the preset copy ratio switches to the custom copy ratio (zoom copy) setting.

5 Press [Set].

Using Custom Copy Ratios

In addition to making reduction and enlargement decisions using preset copy ratios, you can make reduction and enlargement decisions in custom 1% increments.

Follow this procedure:

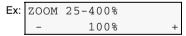
- 1 Press [COPY].
- 2 Press [Menu] once until <1.enlarge/reduce> appears.



3 Use [◀] or [▶] to select <zooм>.



4 Press [Set].



- 5 Use [◀] or [▶] to select a copy ratio between 25% and 400%, or enter the ratio using the numeric keys.
 - Pressing [◀] decreases the copy ratio, and pressing [▶] increases the ratio.
 - Press and hold down the $[\blacktriangleleft]$ or $[\blacktriangleright]$ to quickly advance through the ratios.
- 6 Press [Set].

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Copying An Image To Fit The Page

If the document to be copied is larger or smaller than the specified paper size, you can automatically reduce or enlarge the image to fit the size of the paper you are printing on.

NOTE

Some document sizes may not be correctly detected. If the document cannot be correctly detected, select the preset copy ratio or custom copy ratio.

Follow this procedure:

- 1 Press [COPY].
- 2 Press [Menu] once until <1.ENLARGE/REDUCE> appears.



3 Use [◀] or [▶] to select <FIT-TO-PAGE>.



4 Press [Set].

Advanced Copy Features

The following advanced copy features are available:

2 on 1 copying Reduces two document pages to fit onto one page.

Borderless copying Copies color images so that they fill the entire page without

borders.

Repeating an image on a page Copies an image multiple times onto a single page.

Creating a mirror image Makes a mirror copy of a document, for example, when

copying onto T-shirt transfers.

Shrinking an image to fit the page Copies an image by reducing the size slightly so it does not

crop the fringe area of the document.

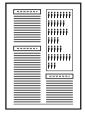
The following sections describe how to use these features.

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Copying Two Pages To Fit Onto A Single Page

This feature enables you to copy two documents onto a single sheet of paper, by reducing and rotating each image 90 degrees.









NOTE

- If <MEMORY FULL> appears on the LCD when copying, set the image quality to <NORMAL> and try copying again. (See page 32)
- You can use this feature only when the paper size is set to <LTR> or <A4>. (See page 30)

Follow this procedure:

- 1 Load the first document on the platen glass.
- 2 Press [COPY].
- 3 Use [◀] or [▶] to select the number of copies, or enter the number using the numeric keys (max. 99 copies).

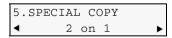


For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

4 Adjust the settings for your document as necessary.

NOTE

- To select the paper size and type, see page 30.
- To select the image quality, see page 32.
- To select the scanning exposure, see page 33.
- You cannot select the copy ratio.
- 5 Press [Menu] repeatedly until <5.SPECIAL COPY> appears.



6 Press [Set].

Ex: 62% LTR NORMAL 11 2 on 1

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If a paper size setting other than <LTR> or <A4> is selected, the LCD displays the following message.

Ex: SIZE : < *LTR > TYPE : *PLAIN

- Use $[\blacktriangleleft]$ or $[\blacktriangleright]$ to select either <LTR> or <A4>, then press [Set].
- Use [◀] or [▶] to select the paper type, then press [Set].
- 7 Press [Color] for color copying, or [Black] for black & white copying.

SCANNING 01

8 Load the second document on the platen glass.

NEXT PAGE :START END SCANNING:SET

If you have only one document to scan, press [Set].

9 Press [Color] for color copying, or [Black] for black & white copying.

Press the same key you pressed in step 7.

MIMPORTANT

If you do not press the same key you pressed in step 7, the machine does not start copying.

NOTE

- To cancel copying, press [Stop/Reset].
- To continue to copy two pages on a single page, repeat steps 7 to 9.

Borderless Copying

This feature enables you to copy color images so that they fill the entire page without borders.







NOTE

- You can use this feature only when the paper type is set to <GLOSSY>, <HIGH RES.>, <PHOTO PRO>, <PHOTO PLUS>, or <OTHER>. For details on setting the paper type, see page 30.
- You can only copy in color with this feature.
- The copied image may need to be enlarged to fit onto the selected paper size when making borderless copies. Some cropping may occur.
- When borderless copying is selected, the LCD will display the setting with the symbol "+," such as <95%+>, <100%+>, etc.

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Follow this procedure:

- 1 Load the document on the platen glass.
- 2 Press [COPY].
- 3 Use [◀] or [▶] to select the number of copies, or enter the number using the numeric keys (max. 99 copies).

```
NOTE
```

For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

4 Adjust the settings for your document as necessary.

```
NOTE
```

- To select the paper size and type, see page 30.
- The image quality is fixed to <FINE (PHOTO) >. You cannot change this setting.
- To select the scanning exposure, see page 33.
- To select the copy ratio, see page 33.
- 5 Press [Menu] repeatedly until <5.SPECIAL COPY> appears.

```
5.SPECIAL COPY

✓ 2 on 1 ▶
```

6 Use [◀] or [▶] to select <BORDERLESS COPY>.

```
5.SPECIAL COPY

■ BORDERLESS COPY ▶
```

7 Press [Set].

```
100%+ LTR FINE DORDERLESS COPY
```

If a paper type setting is selected that cannot be used in borderless copying, the LCD displays the following message.

```
Ex: SIZE : < *LTR > TYPE : *PHOTO PRO
```

- Press [Set] to confirm the paper size.
- Use [◀] or [▶] to select <GLOSSY>, <HIGH RES.>, <PHOTO PRO>, <PHOTO PLUS>, or <OTHER> as the paper type, then **press** [Set].
- 8 Press [Color].

```
NOTE
```

- You can select the width to be cropped from the borders of the original image. (See page 47)
- Pressing [Black] does not start copying.

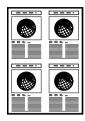
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Repeating An Image On A Page

This feature enables you to copy an image multiple times onto a single page. You can set the machine to automatically select the number of times it repeats the image, or you can specify the number.







IMPORTANT

- When manually setting the number of times to copy the image, you must set the paper size before copying. (See page 30)
- When manually setting the number of times to copy the image, your original image must be no larger than one of the divisions. For example, if you want to make four repeats of your image, the document must be no larger than one quarter of the paper size you are copying on to.

Follow this procedure:

- 1 Load the document on the platen glass.
- 2 Press [COPY].
- 3 Use [◀] or [▶] to select the number of copies, or enter the number using the numeric keys (max. 99 copies).

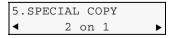
NOTE

For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

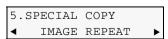
4 Adjust the settings for your document as necessary.

NOTE

- To select the paper size and type, see page 30.
- To select the image quality, see page 32.
- To select the scanning exposure, see page 33.
- To select the copy ratio, see page 33.
- You cannot select <FIT-TO-PAGE> as the copy ratio.
- 5 Press [Menu] repeatedly until <5.SPECIAL COPY> appears.



6 Use [◀] or [▶] to select < IMAGE REPEAT>.



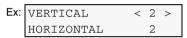
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7 Press [Set].



- 8 Use [◀] or [▶] to select <auto> or <manual>.
 - If you select <AUTO>:
 - 1. Press [Set].

- 2. Go to step 9.
- If you select <manual>:
 - 1. Press [Set].

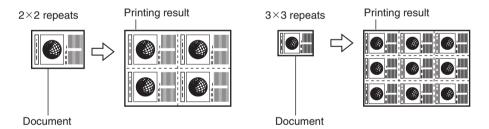


2. Decide the number of times you want to copy the image.

You can select a maximum of four vertical repeats and four horizontal repeats.

IMPORTANT

Your original image must be no larger than one of the divisions. For example, if you want to make four repeats of your image, the document must be no larger than one quarter of the paper size you are copying on to.



- Use [◄] or [▶] to select the number of vertical repetitions (max. 4).
- 4. Press [Set].



- 5. Use [◀] or [▶] to select the number of horizontal repetitions (max. 4).
- 6. Press [Set].
- 7. Go to step 9.
- 9 Press [Color] for color copying, or [Black] for black & white copying.

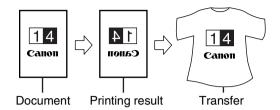
NOTE

- To cancel copying, press [Stop/Reset].
- Press [Stop/Reset] to return the machine to standby mode.

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Creating A Mirror Image

This feature enables you to make a mirror copy of a document. Use this feature when copying onto T-shirt transfers so that the image is oriented correctly when ironed onto fabric.



NOTE

Use T-shirt transfers when the image will be ironed onto T-shirts. (See page 21)

Follow this procedure:

- 1 Load the document on the platen glass.
- 2 Press [COPY].
- 3 Use [◀] or [▶] to select the number of copies, or enter the number using the numeric keys (max. 99 copies).

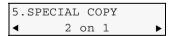
```
⊘ NOTE
```

For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

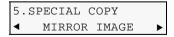
4 Adjust the settings for your document as necessary.

NOTE

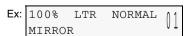
- To select the paper size and type, see page 30.
- To select the image quality, see page 32.
- To select the scanning exposure, see page 33.
- To select the copy ratio, see page 33.
- 5 Press [Menu] repeatedly until <5.SPECIAL COPY> appears.



6 Use [◀] or [▶] to select <MIRROR IMAGE>.



7 Press [Set].



8 Press [Color] for color copying, or [Black] for black & white copying.

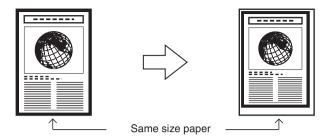
NOTE

To cancel copying, press [Stop/Reset].

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Shrinking An Image To Fit The Page

With this feature, you can copy an image so it does not crop the fringe area.



Follow this procedure:

- 1 Load the document on the platen glass.
- 2 Press [COPY].
- 3 Use [◀] or [▶] to select the number of copies, or enter the number using the numeric keys (max. 99 copies).



For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

4 Adjust the settings for your document as necessary.

NOTE

- To select the paper size and type, see page 30.
- To select the image quality, see page 32.
- To select the scanning exposure, see page 33.
- 5 Press [Menu] repeatedly until <5.SPECIAL COPY> appears.



6 Use [◀] or [▶] to select <ENTIRE IMAGE>.



7 Press [Set].



8 Press [Color] for color copying, or [Black] for black & white copying.

NOTE

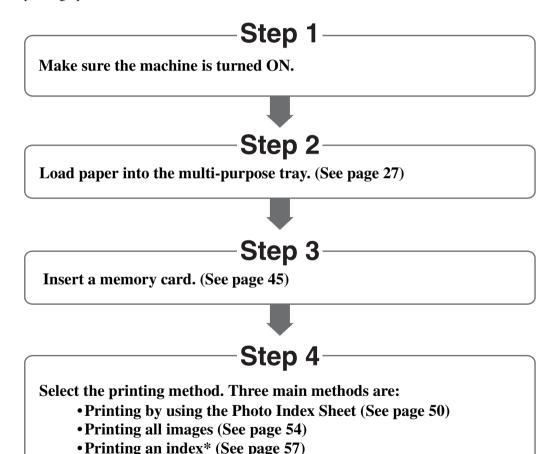
- To cancel copying, press [Stop/Reset].
- For some documents, part of the document may not be copied.

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Chapter

Photo Printing From A Memory Card

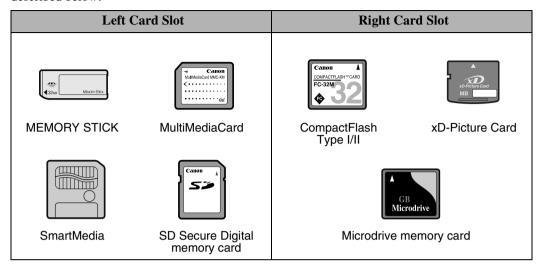
There are several ways you can print photos directly from a memory card, without using a computer. In particular, if you use a Photo Index Sheet, you can easily specify photographs and set printing options.



* For the operation flow, see page 56.

▶ Compatible Memory Cards

The following cards are compatible with the machine. They are inserted into the card slots as described below:



A CAUTION

When using an xD-Picture Card, make sure to insert the xD-Picture Card into a CompactFlash card adapter (must be purchased separately) before inserting it into the card slot of the machine.

™ IMPORTANT

- For CompactFlash Type I/II, only 3.3V cards are compatible.
- For SmartMedia, only 3.3V cards are compatible. You cannot use cards that have less than 2 MB of memory.
- Image data on memory cards that are incompatible with the digital camera may be unreadable or the
 image data may be damaged. For details on which memory cards are compatible with the digital
 camera, see the manuals supplied with your digital camera.
- Format the memory card with a digital camera. The memory card may not be usable with the machine if formatted with a computer.
- For information on memory cards compatible with your digital camera, see the manual supplied with your digital camera.
- To use your computer to read or write data on a memory card, see *Software Guide*, located on your Setup CD-ROM.
- Po If you have copied image data from a memory card to your computer and then edited the images, be sure to print the images from your computer. Copying edited image data back onto a memory card and then printing the images from your machine will degrade the print quality.



Direct printing requires that images be saved onto the memory card using a JPEG (DCF/CIFF/Exif 2.2 or earlier/JFIF) format. RAW files are not compatible with direct printing.

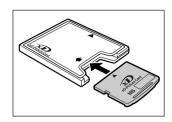
► Inserting/Removing A Memory Card

Inserting A Memory Card

There are two ways of inserting a memory card depending on the type of memory card: one is to insert a memory card directly into the card slot, and the other one is to insert a memory card through a CompactFlash card adapter (must be purchased separately).

A CAUTION

When using an xD-Picture Card, make sure to insert the card into a CompactFlash card adapter (must be purchased separately) before inserting it into the card slot of the machine.

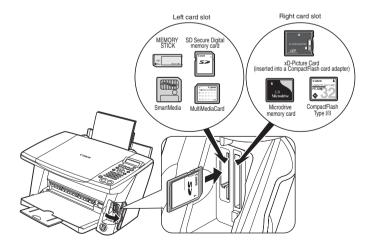


Follow this procedure:

- 1 Make sure the machine is turned ON.
- 2 Open the card slot cover on the lower right of the machine.
- Insert the memory card or the CompactFlash card adapter containing the memory card into the appropriate card slot.

A CAUTION

- Do not force a memory card into a CompactFlash card adapter while the adapter is in the card slot. For more information, see the manual supplied with your CompactFlash card adapter.
- PG If you are using an SD Secure Digital memory card, depending on how you insert it, the write protect lock occasionally may lock, and you will not be able to write from a computer. If this occurs, release the SD Secure Digital memory card lock, and while being cautious not to engage the write protect lock, then insert the memory card.



IMPORTANT

When inserting the memory card or the CompactFlash card adapter containing the memory card into the card slot, insert it with its front side (labeled side) facing outside.

NOTE

If the memory card cannot be read, check that:

- -the memory card or CompactFlash card adapter containing the memory card is inserted all the way into the card slot.
- -you are using a compatible memory card.
- -your memory card contains image data.

Removing A Memory Card

Follow this procedure:

A CAUTION

- If an error occurs during printing from the memory card (e.g. paper runs out), do not remove the memory card or CompactFlash card adapter containing a memory card as this may damage the data on the memory card.
- While the Access lamp is lit or flashing, do not remove the memory card or the CompactFlash card adapter containing a memory card as this may damage the data on the memory card.

1 Press [ON/OFF] to turn OFF the machine.

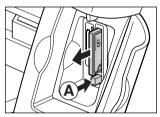
PC If you have been writing to a memory card in Windows 2000, wait at least 10 seconds before turning OFF the machine.

2 Remove the memory card from the card slot.

To remove the xD-Picture Card (CompactFlash card adapter), Microdrive memory card, or CompactFlash, first press the button (A) at the bottom of the card slot.

For the MEMORY STICK, MultiMediaCard, SmartMedia, or SD Secure Digital memory card.

remove the card without pressing the button.



Ex: CompactFlash card adapter, Microdrive memory card, or CompactFlash

Convenient Printing Functions

You can select print setting options, such as printing photographs without borders and printing blues and greens in landscape scenery photographs brighter.

Setting Borderless Printing

This feature enables you to print colored images so that they fill the entire page without borders.





Without borders

With borders



You can set borderless printing in the following printing methods.

- -All images (See page 54)
- -Single image (See page 59)
- -Range of images (See page 61)
- -DPOF (See page 64)
- To enable/disable borderless printing:

Example

- 1. Press [PHOTO PRINT].
- 2. Press [Menu] once until <1. PHOTO PRINT MODE> appears.
- 3. Use [◀] or [▶] to select the printing method, and then press [Set].
- 4. Use [◀] or [▶] to select the paper size, and then press [Set].
- 5. Use [◀] or [▶] to select the paper type, and then press [Set]. <BORDERLESS PRINT> is displayed on the LCD.





The menu number may differ, depending on the photo print settings.

- 6. Use [◀] or [▶] to enable or disable borderless printing.
 - OFF: Disables borderless printing.
 - −ON: Enables borderless printing.

NOTE

- With the borderless printing function, the document to be printed is enlarged so that it slightly extends off the paper. The amount of image that extends off the paper (extension amount) can be adjusted.
- This cannot be used for index printing, or when <PLAIN PAPER> is selected for the paper type.

- To adjust the amount of image that extends off the paper (extension amount):
 - 1. Press [Additional Functions].
 - Use [◄] or [▶] to select <5.EXTENSION AMOUNT>.

```
USER DATA
5.EXTENSION AMOUNT
```

3. Press [Set].

Ex: EXTENSION AMOUNT SMALL

- 4. Use [◀] or [▶] to select the extension amount.
- -<SMALL> : Reduces the amount of image that extends off the paper.
- -<LARGE> : Enlarges the amount of image that extends off the paper.
- 5. Press [Set].
- 6. Press [Stop/Reset] to switch the machine to exit.

Setting Vivid Photo Printing

Enabling this setting will make photographs appear more vibrant, especially blues and greens.

NOTE

You can set vivid photo printing in the following printing methods.

- -All images (See page 54)
- -Index (See page 57)
- -Single image (See page 59)
- -Range of images (See page 61)
- -DPOF (See page 64)
- To enable/disable vivid photo printing:

Example

- 1. Press [PHOTO PRINT].
- 2. Press [Menu] once until <1. PHOTO PRINT MODE> appears.
- 3. Use [◀] or [▶] to select the printing method, and then press [Set].
- 4. Use [◀] or [▶] to select the paper size, and then press [Set].
- 5. Use [◀] or [▶] to select the paper type, and then press [Set].
- 6. Use [◀] or [▶] to enable or disable borderless printing, and then press [Set].
- 7. Use [◀] or [▶] to select date printing or not, and then press [Set]. <VIVID PHOTO> is displayed on the LCD.



Ø NOTE

The menu number may differ, depending on the photo print settings.

8. Use [◀] or [▶] to enable or disable vivid photo printing.

- -OFF: Disables vivid photo printing.
- −ON: Enables vivid photo printing.

NOTE

- Printing will take longer when this setting is enabled.
- This cannot be used when <PLAIN PAPER> is selected for the paper type.

Setting Date Printing

Enabling this setting will print the date, recorded by the digital camera, below each thumbnail on an index A or on the bottom right of the photograph B.



You can set date printing in the following printing methods.

- -All images (See page 54)
- -Index (See page 57)
- -Single image (See page 59)
- -Range of images (See page 61)

• To enable/disable date printing:

Example

- 1. Press [PHOTO PRINT].
- 2. Press [Menu] once until <1. PHOTO PRINT MODE> appears.
- 3. Use [◀] or [▶] to select the printing method, and then press [Set].
- 4. Use [◀] or [▶] to select the paper size, and then press [Set].
- Use [◄] or [▶] to select the paper type, and then press [Set].
- 6. Use [◀] or [▶] to enable or disable borderless printing, and then press [Set]. <PRINT DATE> is displayed on the LCD.



NOTE

The menu number may differ, depending on the photo print settings.

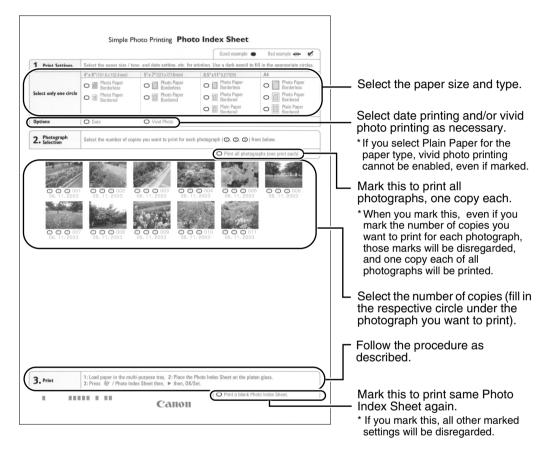
- 7. Use [◀] or [▶] to enable or disable date printing.
- -OFF: Disables date printing.
- -ON: Enables date printing.

Ø NOTE

- Printing will take longer when this setting is enabled.
- You cannot set date printing from the machine for DPOF printing. (See page 64)

Printing By Using The Photo Index Sheet

With this machine, you can easily print photographs using a Photo Index Sheet, by filling in the appropriate circles to select print options and photographs you want to print. Simply scanning a Photo Index Sheet prints the selected photographs according to the selections you have made.



Follow this procedure:

1 Turn ON the machine, and load letter- or A4-size paper in the multi-purpose tray.

Use completely white plain paper when printing a Photo Index Sheet.

- **NOTE**
- For details on paper, see page 21.
- For details on how to load paper, see page 27.
- 2 Insert the memory card into the card slot. (See page 45)
- 3 Press [Photo Index Sheet].

[PHOTO	INDEX	SHEET]
< PRINT	7 >	SCAN

4 Use [◀] or [▶] to select <PRINT>.

[РНОТО	INDEX	SHEET]
< PRIN	T >	SCAN

- 5 Press [Set].
- If 30 or fewer images are stored on the memory card:
 - 1. The Photo Index Sheet is printed.
 - 2. Go to step 8.
- If 31 or more images are stored on the memory card:



- 1. Go to step 6.
- 6 Use [◀] or [▶] to select the range of photographs to print on the Photo Index Sheet.

-<ALL PAGES>: Prints all image data stored on the memory card.

-<LAST IMAGE>: Prints image data stored on the memory card in chronological order

beginning from the most recently recorded date.

-<SELECT RANGE>: Prints image data stored on the memory card according to a specified

range of recorded dates.

- If you select <ALL PAGES>:
 - 1. Go to step 7.
- If you select <LAST IMAGE>:
 - 1. Press [Set].

```
SHEET (LTR or A4)

■ LAST 30 IMAGES ▶
```

2. Use [◀] or [▶] to select how many recent photographs to print.

-<LAST 30 IMAGES>: Prints the 30 most recently recorded photographs.
 -<LAST 60 IMAGES>: Prints the 60 most recently recorded photographs.
 -<LAST 90 IMAGES>: Prints the 90 most recently recorded photographs.
 -<LAST 120 IMAGES>: Prints the 120 most recently recorded photographs.
 -<MOST RECENT DATE>: Prints the photographs with the most recent recorded date.

- 3. Go to step 7.
- If you select <SELECT RANGE>:
 - 1. Press [Set].

Ex: DATE: From 06/02/2003

2. Use [◀] or [▶] to select the first recorded date of photographs you want to print.

Ex: DATE: From **◄** 06/04/2003 ▶

3. Press [Set].

Ex: DATE: To

■ 06/04/2003 ▶

4. Use [◀] or [▶] to select the last recorded date of photographs you want to print.

Ex: DATE: To **◄** 06/08/2003 ▶

5. Go to step 7.

7 Press [Set].

Ex: SHEET (LTR or A4)
PRINTING P.001/002

The machine prints the Photo Index Sheets.

NOTE

If more than 30 photographs are to be printed, the machine prints them on more than one Photo Index Sheet.

8 Fill in the appropriate circles () with a dark pencil or a black ink pen to select the photographs to print and print settings.



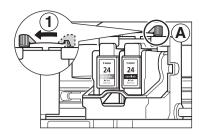
IMPORTANT

- Be sure to fill a circle for every setting item (except options).
- If there is more than one Photo Index Sheet, fill all the sheets.
- If the filled circles on the Photo Index Sheet are not dark enough, the machine may not read the settings.
- 9 Load the paper selected on the Photo Index Sheet in the multi-purpose tray.

NOTE

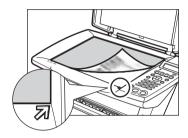
When printing image data using a Photo Index Sheet, you can select $4" \times 6"$, $5" \times 7"$, $8.5" \times 11"$, or A4 for the paper size.

10 Move the paper thickness lever $\widehat{\mathbb{A}}$ to the left $\widehat{\mathbb{A}}$.



11 Load the Photo Index Sheet on the platen glass.

When loading the Photo Index Sheet, place the front side down, and align the upper left corner of the sheet with the alignment mark on the lower right corner of the platen glass.



A CAUTION

Be sure to load the Photo Index Sheet in the correct orientation on the platen glass.

12 Press [Photo Index Sheet].

13 Use [◀] or [▶] to select <SCAN>.

[PHOTO INDEX SHEET]
PRINT < SCAN >

14 Press [Set].

The machine reads the Photo Index Sheet, and prints photographs according to the settings.

(1) IMPORTANT

- If the LCD displays <SCANNING ERROR>, press [Set] and ensure that a circle is filled for each setting item.
- If the filled circles on the Photo Index Sheet are not dark enough, the machine may not read the settings.
- Do not remove the memory card while the machine is printing.
- If the platen glass is dirty, the machine may not read the settings.

NOTE

- To cancel printing, press [Stop/Reset].
- To continue to print photographs using the subsequent Photo Index Sheets, repeat steps 8 to 14.

► Printing All Images

This printing method creates individual prints of all photographs stored on a memory card.



Follow this procedure:

1 Turn ON the machine, and load the correct paper in the multi-purpose tray.

- **NOTE**
- For details on paper, see page 21.
- For details on how to load paper, see page 27.
- 2 Insert the memory card into the card slot. (See page 45)
- 3 Press [PHOTO PRINT].
- 4 Press [Menu] once until <1.PHOTO PRINT MODE> appears.



5 Use [◄] or [▶] to select <all images>.



6 Press [Set].



7 Use [◀] or [▶] to select the paper size.

-<LTR>: Letter size -<4"×6">: Card size -<5"×7">: Card size -<A4>: A4 size

8 Press [Set].

9 Use [◀] or [▶] to select the paper type.

-<PHOTO PAPER PRO>: Suitable for Photo Paper Pro. -<PLAIN PAPER>: Suitable for plain paper.

-<HIGH RES. PAPER>: Suitable for High Resolution Paper.
 -<PHOTO PAPER PLUS>: Suitable for Photo Paper Plus Glossy.
 -<GLOSSY>: Suitable for Glossy Photo Paper.

-<OTHER PHOTO PAPER>: Suitable when using photo paper other than that described above

(such as Matte Photo Paper), or if you do not know the paper

type.

NOTE

- In order to obtain optimal quality print results, when printing photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.
- If you selected <4 "X6"> or <5 "X7"> in step 7, you can only select <PHOTO PAPER PRO>, <PHOTO PAPER PLUS>, or <OTHER PHOTO PAPER>.
- We do not recommend using plain paper for photo printing.

10 Press [Set].

11 Select whether to enable borderless printing or not. (See page 47)

NOTE

- If you selected <PLAIN PAPER> in step 9, you cannot enable borderless printing.
- You can select the amount of image that extends off the paper. (See page 47)

12 Press [Set].

- 13 Select whether to enable date printing or not. (See page 49)
- 14 Press [Set].
- 15 Select whether to enable vivid photo printing or not. (See page 48)

NOTE

If you selected <PLAIN PAPER> in step 9, you cannot enable vivid photo printing.

16 Press [Set].

Ex: [ALL IMAGES]
PRO LTR

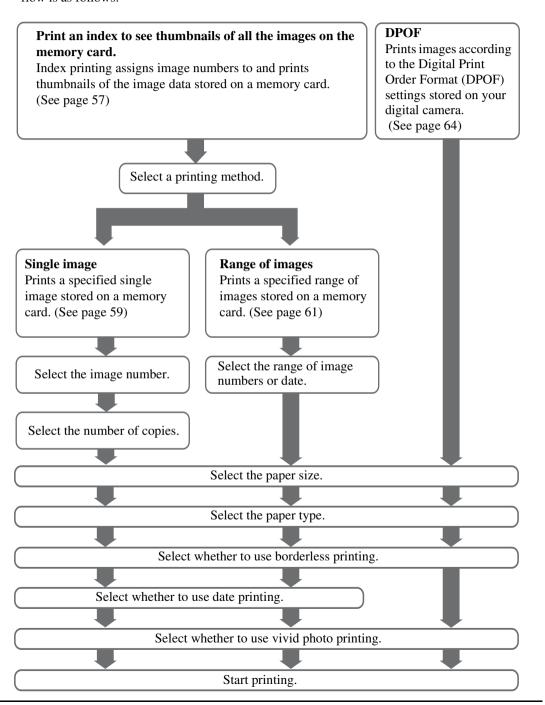
17 Press [Color].

NOTE

- To cancel printing, press [Stop/Reset].
- Pressing [Black] does not start printing.
- The image printed is enlarged or reduced automatically according to the paper size printed onto. Depending on the paper size you are printing onto, image cropping may occur, with or without using the borderless printing feature.
- If <PRINT MORE THAN 100> is displayed on the LCD, press [◀] to start printing, or [▶] to cancel printing.

► Index Printing

With this machine, you can print an index to check all the image data on the memory card, and select the settings for individual images and print them according to your preference. The operation flow is as follows:



- **⊘** NOTE
- You may not be able to print photographs if the file size is too large (4800 dpi × 3600 dpi or more). Try printing the photograph from your computer. (See page 74)
- For details on vivid photo printing, see page 48.
- Borderless and vivid photo printing are disabled when <PLAIN PAPER> is selected for the paper type.
- You cannot set date printing from the machine for DPOF printing. (See page 64)

Printing An Index

This printing method prints thumbnails of the photographs on a memory card. An index is useful to see small versions of all photographs on a memory card without having to print each photograph individually. When you print an index, an image number is assigned to each thumbnail. You will need to use these image numbers to select the photographs you want to print in a larger format.

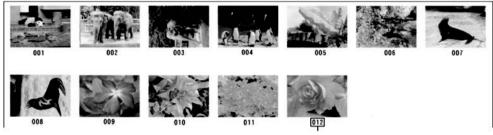


Image Number

Follow this procedure:

1 Turn ON the machine, and load the correct paper in the multi-purpose tray.

- **NOTE**
- For details on paper, see page 21.
- For details on how to load paper, see page 27.
- 2 Insert the memory card. (See page 45)
- **3** Press [PHOTO PRINT].
- 4 Press [Menu] once until <1.PHOTO PRINT MODE> appears.



5 Use [◀] or [▶] to select <INDEX>.



6 Press [Set].



7 Use [◀] or [▶] to select the paper size.

-<LTR>: Letter size -<4 "×6 ">: Card size -<5 "×7 ">: Card size -<A4>: A4 size

8 Press [Set].

9 Use [◀] or [▶] to select the paper type.

-<PHOTO PAPER PRO>: Suitable for Photo Paper Pro.
-<PLAIN PAPER>: Suitable for plain paper.

-<HIGH RES. PAPER>:
 -<PHOTO PAPER PLUS>:
 -<GLOSSY>:
 Suitable for High Resolution Paper.
 Suitable for Photo Paper Plus Glossy.
 Suitable for Glossy Photo Paper.

-<OTHER PHOTO PAPER>: Suitable when using photo paper other than that described

above (such as Matte Photo Paper), or if you do not know the

paper type.

NOTE

- In order to obtain optimal quality print results, when printing photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.
- If you selected <4 "X6"> or <5 "X7"> in step 7, you can only select <PHOTO PAPER PRO>, <PHOTO PAPER PLUS>, or <OTHER PHOTO PAPER>.
- We do not recommend using plain paper for photo printing.

10 Press [Set].

- 11 Select whether to enable date printing or not. (See page 49)
- 12 Press [Set].
- 13 Select whether to enable vivid photo printing or not. (See page 48)

NOTE

If you selected <PLAIN PAPER> in step 9, you cannot enable vivid photo printing.

14 Press [Set].

Ex: [INDEX] 13
PRO LTR

15 Press [Color].

NOTE

- To cancel printing, press [Stop/Reset].
- You can only print one index at a time.
- The image number assigned to each thumbnail on the index is different from the ID numbers assigned by the digital camera.
- If "?" is printed instead of thumbnails, see page 131.
- Pressing [Black] does not start printing.

Printing A Single Image

This printing method prints a specified single photograph from a memory card. In order to select the photograph you want to print, you will need to print the index and note the image number assigned to the photograph. To print an index, see page 57.

Follow this procedure:

1 Turn ON the machine, and load the correct paper in the multi-purpose tray.

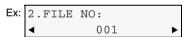
```
NOTE
```

- For details on paper, see page 21.
- For details on how to load paper, see page 27.
- 2 Insert the memory card. (See page 45)
- 3 Press [PHOTO PRINT].
- 4 Press [Menu] once until <1.PHOTO PRINT MODE> appears.

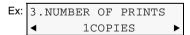
5 Use [◀] or [▶] to select <single image>.



6 Press [Set].



- 7 Use [◄] or [▶] to select the image number, or enter the number using the numeric keys.
 - Press and hold down [◀] or [▶] to quickly advance through the image numbers.
 - To find the image number, you will need to print the index beforehand. (See page 57)
- 8 Press [Set].

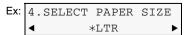


9 Use [◄] or [▶] to select the number of copies of the photograph you want to print, or enter the number using the numeric keys (max. 99 copies).



For the maximum load limit for the paper you are using in the multi-purpose tray, see page 21.

10 Press [Set].



11 Use [◀] or [▶] to select the paper size.

-<LTR>: Letter size -<4 "×6">: Card size -<5 "×7">: Card size -<A4>: A4 size

12 Press [Set].

13 Use [◀] or [▶] to select the paper type.

-<PHOTO PAPER PRO>: Suitable for Photo Paper Pro.
-<PLAIN PAPER>: Suitable for plain paper.

-<HIGH RES. PAPER>:
 -<PHOTO PAPER PLUS>:
 -<GLOSSY>:
 Suitable for High Resolution Paper.
 Suitable for Photo Paper Plus Glossy.
 Suitable for Glossy Photo Paper.

 ${\hspace{-0.1cm}\hbox{--}\hspace{-0.1cm}\hbox{--}\hspace{-0.1cm}}$ PHOTO PAPER>: Suitable when using photo paper other than that described

above (such as Matte Photo Paper), or if you do not know the

paper type.

NOTE

- In order to obtain optimal quality print results, when printing photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.
- If you selected <4 "X6">or <5 "X7">in step 11, you can only select <PHOTO PAPER PRO>, <PHOTO PAPER PLUS>, or <OTHER PHOTO PAPER>.
- We do not recommend using plain paper for photo printing.

14 Press [Set].

15 Select whether to enable borderless printing or not. (See page 47)

NOTE

- If you selected <PLAIN PAPER> in step 13, you cannot enable borderless printing.
- You can select the amount of image that extends off the paper. (See page 47)
- 16 Press [Set].
- 17 Select whether to enable date printing or not. (See page 49)
- 18 Press [Set].
- 19 Select whether to enable vivid photo printing or not. (See page 48)

NOTE

If you selected <PLAIN PAPER> in step 13, you cannot enable vivid photo printing.

20 Press [Set].

Use $[\blacktriangleleft]$ or $[\blacktriangleright]$ to view your settings on the LCD.





21 Press [Color].

NOTE

- To cancel printing, press [Stop/Reset].
- The image printed is enlarged or reduced automatically according to the paper size printed onto.
 Depending on the paper size you are printing onto, image cropping may occur, with or without using the borderless printing feature.
- Pressing [Black] does not start printing.

Printing A Range Of Images

This printing method prints a range of photographs in sequence on a memory card. In order to select the photographs to print, first print the index and note the image numbers assigned to them. You can also print a range of images according to the recorded dates of photographs you select. To print an index, see page 57.

Follow this procedure:

1 Turn ON the machine, and load the correct paper in the multi-purpose tray.

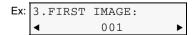
```
NOTE
```

- For details on paper, see page 21.
- For details on how to load paper, see page 27.
- 2 Insert the memory card. (See page 45)
- 3 Press [PHOTO PRINT].
- 4 Press [Menu] once until <1.PHOTO PRINT MODE> appears.

5 Use [◀] or [▶] to select <SELECT RANGE>.



- 6 Press [Set].
- 7 Use [◀] or [▶] to select < IMAGE NUMBER> or < DATE>.
- If you select < IMAGE NUMBER>:
 - 1. Press [Set].



- 2. Use [◀] or [▶] to select the first image number you want to print, or enter the number using the numeric keys.
- Press and hold down [◀] or [▶] to quickly advance through the image numbers.
- To find the image number, you will need to print the index beforehand. (See page 57)

3. Press [Set].

Ex: 4.LAST IMAGE:

■ 001 ▶

4. Use [◀] or [▶] to select the last image number you want to print, or enter the number using the numeric keys.

Press and hold down [◀] or [▶] to quickly advance through the image numbers.

- 5. Go to step 8.
- If you select <DATE>:
 - 1. Press [Set].

Ex: 3.DATE: From 06/02/2003 ►

- 2. Use [◀] or [▶] to select the first recorded date of photographs you want to print.
- Press and hold down [◀] or [▶] to quickly advance through the dates.
- To find the date, you will need to print the index beforehand. (See page 57)
- 3. Press [Set].

Ex: 4.DATE: To **4** 06/08/2003

4. Use $[\blacktriangleleft]$ or $[\blacktriangleright]$ to select the last recorded date of photographs you want to print.

Press and hold down [◀] or [▶] to quickly advance through the dates.

- 5. Go to step 8.
- 8 Press [Set].

Ex: 5.SELECT PAPER SIZE *LTR *

9 Use [◀] or [▶] to select the paper size.

-<LTR>: Letter size -<4 "×6 ">: Card size -<5 "×7 ">: Card size -<A4>: A4 size

10 Press [Set].

Ex: 6.SELECT PAPER TYPE

*PHOTO PAPER PRO *

11 Use [◀] or [▶] to select the paper type.

-<PHOTO PAPER PRO>: Suitable for Photo Paper Pro. -<PLAIN PAPER>: Suitable for plain paper.

-<HIGH RES. PAPER>: Suitable for High Resolution Paper.
-<PHOTO PAPER PLUS>: Suitable for Photo Paper Plus Glossy.
-<GLOSSY>: Suitable for Glossy Photo Paper.

-<OTHER PHOTO PAPER>: Suitable when using photo paper other than that described

above (such as Matte Photo Paper), or if you do not know the

paper type.

NOTE

- In order to obtain optimal quality print results, when printing photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.
- If you selected <4 "X6"> or <5 "X7"> in step 9, you can only select <PHOTO PAPER PRO>, <PHOTO PAPER PLUS>, or <OTHER PHOTO PAPER>.
- We do not recommend using plain paper for photo printing.

12 Press [Set].

13 Select whether to enable borderless printing or not. (See page 47)

NOTE

- If you selected <PLAIN PAPER> in step 11, you cannot enable borderless printing.
- You can select the amount of image that extends off the paper. (See page 47)

14 Press [Set].

- 15 Select whether to enable date printing or not. (See page 49)
- 16 Press [Set].
- 17 Select whether to enable vivid photo printing or not. (See page 48)

NOTE

If you selected <PLAIN PAPER> in step 11, you cannot enable vivid photo printing.

18 Press [Set].

Use $[\blacktriangleleft]$ or $[\blacktriangleright]$ to view your settings on the LCD.





19 Press [Color].



- To cancel printing, press [Stop/Reset].
- The image printed is enlarged or reduced automatically according to the paper size printed onto. Depending on the paper size you are printing onto, image cropping may occur, with or without using the borderless printing feature.
- Pressing [Black] does not start printing.

DPOF (Digital Print Order Format) Printing

This printing method prints photographs according to the DPOF settings specified on your digital camera.

NOTE

For information on how to set the DPOF functions, see the manual supplied with your digital camera.

The machine supports the following DPOF functions:

- Specified images printing
- Print style (individual photographs, index)
- Date or image number printing on individual photographs, date or image number printing on index
- Number of copies to be printed

All other DPOF functions (shooting information, trimming, etc.) are not supported.

Follow this procedure:

1 Turn ON the machine, and load the correct paper in the multi-purpose tray.

NOTE

- For details on paper, see page 21.
- For details on how to load paper, see page 27.

2 Insert the memory card. (See page 45)

3 Press [PHOTO PRINT].

When you insert a memory card registered with DPOF settings, the LCD will automatically display <DPOF>.





- If you press [Menu] and then [Set] after inserting a memory card, you can set the paper size and type before printing. When you are finished setting, press [Color] to start DPOF printing.
- With this machine, you can add the following settings to the DPOF settings:
 - -Paper size
 - -Paper type
- -Borderless printing
- -Vivid photo printing

4 Press [Color].

The machine starts printing according to the DPOF settings.

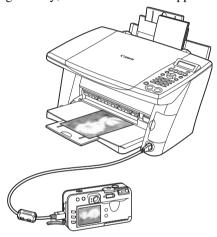
```
NOTE
```

- To cancel printing, press [Stop/Reset].
- Pressing [Black] does not start printing.

Chapter

Photo Printing Directly From A Digital Camera

Connecting a PictBridge compatible or Canon Bubble Jet Direct compatible digital camera or digital video camcorder to the MP390 enables you to print captured images directly without using a computer. When printing directly, use the USB cable supplied with your digital camera.



NOTE

- To photo print directly from a digital camera or a digital video camcorder, use only "PictBridge"- or Canon "Bubble Jet Direct"-compliant digital cameras. For details on PictBridge, see *Direct Printing for PictBridge-compliant Digital Cameras*.
- For connecting and printing directly from a digital camera, operate from the digital camera.
- It is recommended to use the digital camera AC adapter when printing directly from a camera. If you do use a battery pack (or batteries), ensure that the battery pack (or batteries) is completely charged before printing. Or use brand-new batteries.

► Paper Types For A Digital Camera

You can use the following genuine Canon paper:

Digital Camera Setting	Paper Type	Paper Size
Card #1	Photo Paper Pro	4 in. × 6 in./101.6 mm × 152.4 mm
Card #2	Photo Paper Plus Glossy	4 in. × 6 in./101.6 mm × 152.4 mm
Card #3	Photo Paper Plus Glossy	5 in. × 7 in./127 mm × 177.8 mm
LTR	Photo Paper Pro or Photo Paper Plus Glossy	Letter
A4	Photo Paper Pro or Photo Paper Plus Glossy	A4

IMPORTANT

When loading the paper in the multi-purpose tray, load it with the glossy side facing up.

► Printing Directly From A Digital Camera

This section describes how to connect a digital camera to the machine and how to print photographs. The instructions are written based on Bubble Jet Direct technology. The menus for navigating using the camera may vary depending on the camera.

™ IMPORTANT

- While using the machine, do not disconnect and connect the USB cable.
- Do not connect the digital camera to the machine while using the machine as a copier, scanner, fax, or printer.

Follow this procedure:

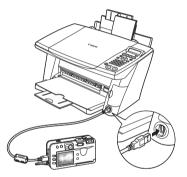
1 Turn ON the machine, and load the paper in the multi-purpose tray.



- For details on paper, see page 21.
- For details on how to load paper, see page 27.
- 2 Ensure that the digital camera is turned OFF.
- 3 Connect the digital camera to the machine with the USB cable that came with the digital camera.



When connected, the digital camera will automatically turn ON. If not, turn it ON manually.



- 4 Display the image you want to print in the replay mode.
 - If the camera will not change to the replay mode, refer to your digital camera user's manual for instructions on changing the camera to the replay mode.
 - When the digital camera is correctly connected, the icon will display on the LCD of the digital camera and the LCD of the machine will display the following message.



- 5 Press [SET] on the digital camera.
 - The print setting menu is displayed on the LCD of the digital camera.
- 6 Select [Style] and specify the paper size, bordered or borderless printing, and date printing ON or OFF.
- 7 Specify the number of copies, select [Print], and then press [SET] on the digital camera.

The machine starts printing.

NOTE

- For the operation, print error messages and troubleshooting of the digital camera, refer to your digital camera user's manual.
- For print error messages and troubleshooting, see page 147.
- For the operation, print error messages and troubleshooting of the digital video camcorder, refer to the manual supplied with your digital video camcorder.
- By operating the machine from the digital camera, you can make the following prints:
 - -By DPOF printing, you can print a specified number of copies of an image, and print an index.
 - -The images taken with an Exif 2.2 compatible digital camera are adjusted by the Photo Optimizer PRO function.
 - If date printing is selected on the digital camera, the date of photographing will be printed (excluding the index print).
 - -Images will be scaled automatically according to the paper size selected on the digital camera.
- Digital camera operation does not support the following functions:
 - -Print quality setting
 - -Maintenance
 - The print head cannot be aligned from the digital camera. Align it from the operation panel of the machine. (See page 118)
- To disconnect the USB cable connecting the digital camera to the machine, follow the procedure below:
 - 1. Disconnect the USB cable from the machine.
 - 2. Turn OFF the digital camera.
 - 3. Disconnect the USB cable from the digital camera.
- When disconnecting the USB cable, be sure to hold the connector by its sides.

Chapter 6

PC

Becoming Familiar With The Software

Installing The Software

If you have not already installed the software contained on the Setup CD-ROM supplied with this machine, please do so now. For instructions, see *Software Guide*.

NOTE

For details on all features of the software, see Software Guide, located on your Setup CD-ROM.

System Requirements

To successfully install and use the software, your system must meet the following requirements:

- CD-ROM drive, or access to one over a network connection
- 256-color or greater SVGA monitor (High Color or above recommended)
- IBM PC/AT or compatible computer
- Microsoft Internet Explorer version 4.01 or later (Service Pack* 2 or later)
- 65 MB or more of available hard disk space (150 MB or more recommended)

-MP Drivers: 50 MB or more -MP Toolbox: 15 MB or more

^{*}Service Pack is a set of modification programs provided by Microsoft Corporation. For how to acquire Service Pack, contact Microsoft Corporation.

• If using the machine with USB 2.0 Hi-Speed:

This machine is equipped with a USB 2.0 Hi-Speed interface. Hi-Speed USB mode greatly increases data-transfer rates. However, to use this mode, you must connect it to a computer equipped with a USB 2.0 Hi-Speed interface by using a corresponding USB 2.0 Hi-Speed cable.

Requirements to connect via USB 2.0 Hi-Speed:

Operating System	CPU	Required RAM
Microsoft Windows 2000 Professional (Service Pack* 4 or later)	Pentium/Celeron 566 MHz	128 MB or more (256 MB or
Microsoft Windows XP Professional/Home Edition (Service Pack* 1 or later)	processor or higher	more recommended)

⊘ NOTE

- The USB 2.0 Hi-Speed interface must be pre-installed on the computer. The machine may not operate properly with add-on USB 2.0 Hi-Speed cards.
- USB 2.0 Hi-Speed interface is fully compatible with USB Full-Speed (USB1.1-equivalent). You can use it as a USB Full-Speed (USB1.1-equivalent) interface.
- When installing the software in Windows 2000, you must have Service Pack* 4 or later version installed.
 When installing the software in Windows XP, you must have Service Pack* 1 or later version installed.
- *Service Pack is a set of modification programs provided by Microsoft Corporation. For how to acquire Service Pack, contact Microsoft Corporation.
- If using the machine with USB Full-Speed (USB1.1-equivalent):

 To use the machine with USB Full-Speed, your computer must meet the following requirements. Use a USB-IF-approved USB Full-Speed cable not longer than 16 3/8 feet (5 meters).

Requirements to connect via USB Full-Speed port:

Operating System	CPU	Required RAM
Microsoft Windows 98		
Microsoft Windows Me	Pentium/Celeron 233 MHz processor	64 MB or more (128 MB or more recommended)
Microsoft Windows 2000 Professional (Service Pack* 1 or later)		
Microsoft Windows XP Professional/Home Edition	Pentium/Celeron 300 MHz processor or higher	

NOTE

When installing the software in Windows 2000, you must have Service Pack* 1 or later version installed.

*Service Pack is a set of modification programs provided by Microsoft Corporation. For how to acquire Service Pack, contact Microsoft Corporation.

IMPORTANT

While the machine is printing from or scanning images to the computer, or the computer is in the sleep mode or standby mode, do not disconnect and connect the USB cable.

User authority when using Microsoft Windows 2000/XP

When installing the software in Windows 2000, you must log on as Administrator or have Administrator privileges. When installing the software in Windows XP, you must log on as Administrator. For details, see *Software Guide*, located on your Setup CD-ROM.

Software Components

The following components are installed when you install the software. For the functions of each type of software, see *Software Guide* or the manual supplied with each software.

MP Drivers

- Printer driver (See Software Guide, located on your Setup CD-ROM)
 Enables you to print from any Windows application that supports printing.
- Fax driver (See Software Guide, located on your Setup CD-ROM)

 Enables you to fax from any Windows application that supports printing.
- Scanner driver (ScanGear MP, WIA driver (only for Windows XP)) (See Software Guide, located on your Setup CD-ROM)
 Enables you to scan an image to your computer.

MP Toolbox

Enables you to scan a document to your computer, process and save it.

Utility Software

- Easy-PhotoPrint/Easy-PhotoPrint Plus
- Easy-WebPrint
- ScanSoft OmniPage SE
- ArcSoft PhotoStudio
- Adobe Acrobat Reader

▶ Using The MP Toolbox To Scan Images

Double-clicking the [Canon MP Toolbox 4.1] icon on the Windows desktop opens the MP Toolbox. The MP Toolbox enables you to scan a document or images to your computer, and process and save it. (See *Software Guide*, located on your Setup CD-ROM)



For more information on the functions and settings of the MP Toolbox, see page 79.

▶ Uninstalling, Reinstalling The Software

If you do not need the MP Toolbox or MP Drivers any longer, or if they are not installed correctly, uninstall them.

When uninstalling the software from Windows 2000, you must log on as Administrator or have Administrator privileges. When uninstalling the software from Windows XP, you must log on as Administrator.

IMPORTANT

When uninstalling the MP Drivers, first uninstall the MP Toolbox. If the MP Drivers are uninstalled beforehand, [Canon] may remain in [(All) Programs] of the [Start] menu after uninstallation of the software.

Uninstalling The MP Toolbox

Follow this procedure:

1 Close any open software applications, including the MP Toolbox and virus checkers.

Click [x] at the upper-right of the screen to close the MP Toolbox.

- 2 Click [Start] on the taskbar, point to [(All) Programs], [Canon], and [MP Toolbox 4.1], then click [Uninstall Toolbox].
- 3 Follow the instructions on the screen.
 - When the Repair or Remove program selection screen is displayed, click the checkbox in [Remove], then click [Next].
 - If a message appears confirming whether to uninstall the application, click [OK]. Your computer will restart.
 - If prompted, restart your computer.

Uninstalling The MP Drivers

Follow this procedure:

- 1 Close any open software applications, including virus checkers.
- 2 Click [Start] on the taskbar, point to [(All) Programs], [Canon], and [MP Drivers], then click [Uninstall Drivers].



- In [Please select the device to delete], select the name of this machine ([MP390 Series]), then click [Perform].
- 4 If prompted, restart your computer.
- 5 Disconnect the USB cable from the computer and the machine.

 When using Windows 2000, the [Unsafe Removal of Device] screen appears. Click [OK]. The machine and the computer will not be adversely affected.

Reinstalling

After uninstalling the MP Toolbox and MP Drivers, install the software. (See *Software Guide*, located on your Setup CD-ROM)

Printing From Your Computer

▶ Before Printing

Before printing, confirm the following:

Is The Software (MP Drivers) Installed?

If the software is not yet installed, see Software Guide, located on your Setup CD-ROM.

Is The Machine Specified As [Set as Default Printer]?

You can confirm whether the machine is specified as [Set as Default Printer] by opening the [Printers] screen in an application software. If the machine is not set as the default printer, do as follows:

- 1 For Windows XP, click [Start], then click [Printers and Faxes].

 For other Windows, click [Start] on the taskbar, point to [Settings], then click [Printers].
- 2 For Windows XP, in the [Printers and Faxes] screen (for other Windows, [Printers] screen), click the printer icon of the machine.
- 3 On the [File] menu, click [Set as Default Printer].

Is The Correct Paper Set In The Multi-purpose Tray?

For details, see Chapter 2.

▶ Printing Documents

Installing the MP Drivers enables you to print from application software supporting a print function. The print procedure varies slightly depending on the application software. The basic print procedure is explained here. For the actual operation, see the manuals of the application software to be used for printing.

(1) IMPORTANT

While the machine is printing from the computer, or the computer is in the sleep mode or standby mode, do not disconnect and connect the USB cable.

NOTE

- The menu screens and dialog boxes that appear may vary, depending on the application software you are using.
- The screen shots used in this procedure are from Windows XP.

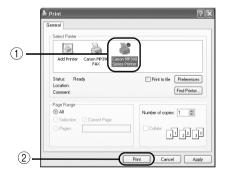
Follow this procedure:

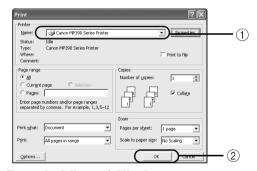
- 1 Load paper in the multi-purpose tray. (See page 27)
- 2 Open the document in the application software, and select the command to print.

This in most cases will be [Print] in the [File] menu or toolbar.

3 In the [Print] dialog box, make sure your machine is selected in the [Printer] box or the drop-down list.

If not, select your machine from the [Printer] box or the drop-down list ①.





Example: Microsoft Word

4 Adjust the settings for your document as necessary, then click the print command ②.

This in most cases will be [OK] or [Print].

NOTE

- Be sure to adjust the paper size driver setting for the paper you are using.
- For details on how to change the settings, see Software Guide, located on your Setup CD-ROM.

Canceling Printing

You can cancel printing either before or after the machine starts printing.

- Canceling before the machine starts printing
 - 1. In the [Print] dialog box, click the button to cancel printing. This in most cases will be [Cancel].
- Canceling after the machine starts printing
 - **1. For Windows XP, click [Start], then click [Printers and Faxes].**For other Windows, click [Start] on the taskbar, point to [Settings], then click [Printers].
 - 2. For Windows XP, in the [Printers and Faxes] screen (for other Windows, [Printers] screen), double-click the printer icon of the machine.
 - 3. Right-click the print job to be canceled, then click [Cancel].

▶ Changing Print Settings

Your machine is initially installed with factory-predefined settings, enabling you to print immediately. You can change these print settings to suit the document you are printing. For details, see the online Help or *Software Guide*, located on your Setup CD-ROM.

Changing Print Settings With The Print Advisor

Follow this procedure:

1 Open the document in the application software, and select the command to print.

This in most cases will be [Print] in the [File] menu or toolbar.

- 2 In the [Print] dialog box, click [Properties].
- In the [Properties] dialog box, on the [Main] tab, click [Print Advisor].



4 Follow the instructions on the screen.

Changing Print Settings Manually

Follow this procedure:

1 Open the document in the application software, and select the command to print.

This in most cases will be [Print] in the [File] menu or toolbar.

- 2 In the [Print] dialog box, click [Properties].
- 3 In the [Properties] dialog box, change the settings on the relevant tab or screen.

To restore the original settings after changing them, click [Defaults].

- 4 Confirm, then click [OK] to apply the changes and close the dialog box.
 - The changes are applied to the settings, and the dialog box closes.
 - To cancel changing the settings and close the dialog box, click [Cancel].

Chapter Scanning

▶ About Scanning Images

You can scan images from the machine to a computer, and save them in JPEG, TIFF, or Bitmap format. And you can process that data by using the supplied application software to create original images. Furthermore, you can use the supplied OCR (Optical Character Recognition) software to convert scanned paper documents to text data.

▶ Before Scanning

Before scanning images, confirm as follows:

- Is the software (MP Drivers and MP Toolbox) installed?

 If the software is not yet installed, see *Software Guide*, located on your Setup CD-ROM.
- Does the document to be scanned meet the requirements for setting on the platen glass? For details, see page 19.

IMPORTANT

After turning ON the machine, or after recovering from Power Save mode (see page 120), the image may not be correctly read by the machine. Wait at least one minute before scanning.

Scanning Methods

There are three methods of scanning images to your computer:

- Using the MP Toolbox (See page 79)
- Using a TWAIN- or WIA- (Windows XP only) compliant Windows application software (See page 80)
- Scanning with the operation panel of the machine (See page 81)

This section explains how to scan using these methods.

(*) IMPORTANT

While the machine is scanning images to the computer, or the computer is in the sleep mode or standby mode, do not disconnect and connect the USB cable.

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Scanning Using The MP Toolbox

MP Toolbox contains buttons for scanning documents to your computer and processing and saving them. For details on using the MP Toolbox, see Software Guide, located on your Setup CD-ROM.

Follow this procedure:

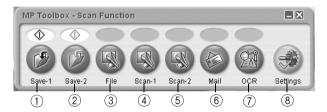
1 Save-1

- Load the document on the platen glass. (See page 19)
- 2 On the Windows desktop, double-click [Canon MP Toolbox 4.1].

Or, click [Start] on the taskbar, point to [(All) Programs], [Canon], and [MP Toolbox 4.1], then click [Toolbox 4.1].

The MP Toolbox opens.

Click the MP Toolbox button to be used.



The document is scanned in black & white, and saved. ② **Save-2** The document is scanned in color, and saved. ③ File The document is scanned, and stored as a PDF file. The document is scanned, and displayed in a registered application (4) **Scan-1** software. (5) Scan-2 The document is scanned, and displayed in a registered application software. 6 Mail The document is scanned, and the image is attached to an e-mail using an e-mail application software. (7) **OCR** The document is scanned, and converted to text data by an OCR (Optical Character Recognition) application software.

(8) **Settings** When a scanner other than this machine is connected to the computer, this button will enable you to select which scanner to use. Also, you can change the correspondence between the MP Toolbox buttons and the [Black] and [Color] keys.

When the utility software on the Setup CD-ROM are installed, one part will be registered in the

[OCR] button ScanSoft OmniPage SE [Scan-1] button ArcSoft PhotoStudio

MP Toolbox buttons.

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4 If the settings screen appears, change the settings as necessary.

For details on the settings of the screens, see Software Guide, located on your Setup CD-ROM.



Ex: Settings screen for [Mail] button

5 Click [Start].

The document is scanned.

∅ NOTE

- The scanned document will be saved in the following location, depending on your computer environment.
 - -If the [My Documents] folder contains the [My Pictures] folder, a folder with the scanning date will be created in the [My Pictures] folder, and your document will be saved in this folder.
 - -If there is no [My Pictures] folder, a folder with the scanning date will be created in the [My Documents] folder, and your document will be saved in this folder.
- If you clicked [File], [Scan-1], [Scan-2], [Mail], or [OCR] in step 3, the scanned image will be displayed in the application after scanning. Send the e-mail message or perform OCR conversion. The scanned image will not be displayed if you have not installed the applications on the Setup CD-ROM or if you have not set the [Link scanned images to] setting. (See *Software Guide*, located on your Setup CD-ROM)

Scanning From An Application Software

You can scan an image from a TWAIN- or WIA- (Windows XP only) compliant application software and use the image in that application software. This procedure varies depending on the application software. Only one example is explained here. For the detailed procedure, refer to the manual of the application software you are using.

- 1 Load the document on the platen glass. (See page 19)
- 2 Start the application software to which you will scan the document and select the command to scan (such as [Import], [Acquire image], etc.).
- 3 Select the scanner driver.
 - With Windows XP, you can use the ScanGear MP (TWAIN) or the WIA driver as the scanner driver.
 - -When using ScanGear MP, select [Canon MP390].
 - -When using a WIA driver, select [WIA Canon MP390].

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- In the scanner driver dialog box, preview the scan and make adjustments if necessary. (See *Software Guide*, located on your Setup CD-ROM)
- 5 Click [Scan].

When scanning is complete, the scanned image will appear in the application software's display area.

Scanning With The Operation Panel Of The Machine

By pressing [Color] or [Black] on the machine, you can scan documents to your computer. Pressing [Color] has the same effect as clicking [Save-2] in the MP Toolbox. Pressing [Black] has the same effect as clicking [Save-1].

You can change the setting for [Save-1] and [Save-2], or assign the same operations as the other buttons. (See *Software Guide*, located on your Setup CD-ROM)

Follow this procedure:

- 1 Load the document on the platen glass. (See page 19)
- 2 Press [SCAN].

The machine switches to scan mode.

3 Press [Color] for color scanning, or [Black] for black & white scanning. The document is scanned.

NOTE

- Although the MP Toolbox and the MP Toolbox settings dialog box open when [Color] or [Black] is pressed, the document will be scanned without having to click [Start] in the MP Toolbox.
- The subsequent procedure varies depending on your settings.
- The scanned document will be saved in the following location depending on your computer environment.
 - -If the [My Documents] folder contains the [My Pictures] folder, a folder with the scanning date will be created in the [My Pictures] folder, and your document will be saved in this folder.
 - -If there is no [My Pictures] folder, a folder with the scanning date will be created in the [My Documents] folder, and your document will be saved in this folder.

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Chapter

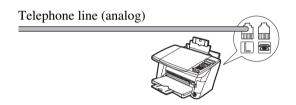
FAX

Preparing Your Machine For Fax

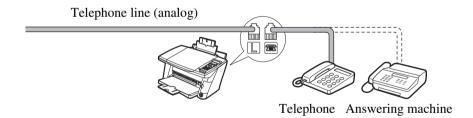
► Examples Of Connecting The Telephone Line To The Machine

Typical examples of connecting the machine are described below. The machine cannot send/receive faxes if the connection is incorrect. Connect the machine correctly.

Using As A Fax Only



Connecting A Telephone Or Answering Machine



▶ Setting The Telephone Line Type

Before using your machine, make sure you set the correct telephone line type for your telephone line. If you are unsure of your telephone line type, contact your telephone company. For ISDN (Integrated Services Digital Network) or ADSL (Asymmetric Digital Subscriber Line) connections, contact the telephone company or service provider to confirm your line type.

NOTE

You can print the USER'S DATA LIST to check the current setting. (See page 94)

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <5.USER SETTINGS>.
- 3 Press [Set].

```
USER SETTINGS
1.DATE/TIME SETTING
```

- 4 Use [◀] or [▶] to select <9.TEL LINE TYPE>.
- 5 Press [Set].

```
Ex: TEL LINE TYPE TOUCH TONE
```

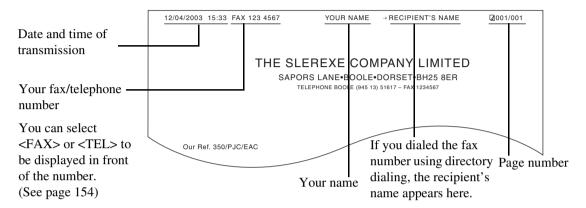
- 6 Use [◀] or [▶] to select the telephone line type.
 - -<TOUCH TONE>: Suitable for tone dialing. -<ROTARY PULSE>: Suitable for pulse dialing.
- 7 Press [Set].
- 8 Press [Stop/Reset].

Registering Sender Information

In the United States, FCC rules governing the use of facsimile equipment state that your fax/ telephone number, personal name or company name, and date and time of transmission must be printed on every facsimile transmission. Your machine has been designed to print this information at the top of every fax you send.

You must therefore register this information to your machine before using it.

Below is an example of how your sender information would print on a fax sent from your machine:



⊘ NOTE

- You can set the sender information to print inside or outside the image area. (See page 154)
- For color sending, the recipient's name is not printed.
- You can enter the sender information from the operation panel. (See page 86)

Guidelines For Entering Numbers, Letters, And Symbols

Follow this procedure:

1 Press [*] to switch to letter mode (:A) or number mode (:1).

You can see what mode you are in by the character displayed on the top right corner of the LCD.



Use the numeric keys to enter a character. Press the key repeatedly until the character you want appears.

Key	Letters	Number
[1]		1
[2]	ABCabc	2
[3]	DEFdef	3
[4]	GHIghi	4
[5]	JKLjkl	5
[6]	MNOmno	6
[7]	PQRSpqrs	7
[8]	TUVtuv	8
[9]	WXYZwxyz	9
[0]		0
[#]	*#!",;;^`_=/ ' ?	?\$@%&+()[]{}<>

- To enter two characters that are under the same key:
 - 1. Press the numeric key, press [▶], then press the same numeric key again. For example, to enter <DD>, you would press [3], [▶], [3] in letter mode.
- To enter a space:
 - **1. Press [▶] twice.** In number mode, press [▶] once.
- To delete a character:
 - 1. Press [**◀**].
- To delete an entire entry:
 - 1. Press and hold [◀].

Entering The Date And Time

A CAUTION

When your machine is connected to a computer, even if the date and time are entered from the operation panel of the machine, the date and time will be read from your computer when you start the computer or disconnect and connect the USB cable. Enter the correct date and time into a computer when your machine is connected to a computer.

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <5.USER SETTINGS>.

FAX SETTINGS 5.USER SETTINGS

3 Press [Set] twice.

4 Use the numeric keys to enter the date (month/day/year) and time (in 24-hour format).

Enter only the last two digits of the year.

- **NOTE**
- If you misentered the date and time, use [◄] or [▶] to move the cursor under the number to enter the correct number.
- Three formats of date are available. For details on the date format settings, see page 153.
- 5 Press [Set].
- 6 Press [Stop/Reset].

Registering Your Fax/Telephone Number And Name (Sender Information)

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <5.USER SETTINGS>.

FAX SETTINGS 5.USER SETTINGS

3 Press [Set].

USER SETTINGS
1.DATE/TIME SETTING

4 Use [◀] or [▶] to select <3.UNIT TEL NUMBER>.

```
USER SETTINGS
3.UNIT TEL NUMBER
```

5 Press [Set].

```
UNIT TEL NUMBER
TEL=
```

6 Use the numeric keys to enter your fax/telephone number (max. 20 digits, including spaces).

To enter a plus sign (+) before the number, press [#].



For details on how to enter or delete numbers, see page 85.

7 Press [Set] twice.



8 Use the numeric keys to enter your name (max. 24 characters, including spaces).

NOTE

For details on how to enter or delete characters, see page 85.

- 9 Press [Set].
- 10 Press [Stop/Reset].

```
NOTE
```

You can print the USER'S DATA LIST to confirm the sender information you have registered. (See page 94)

Directory Dialing

Directory dialing is a convenient feature that enables you to register the recipient's fax/telephone number and name. You can dial the number easily by looking up the recipient's number registered in the directory.

Registering Directory Dialing

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <4.TEL# REGISTRATION>.

3 Press [Set].

TEL# REGISTRATION *01=

- 4 Use [◀] or [▶] to select a directory dialing number (01 to 40).
- 5 Press [Set] twice.

TEL NUMBER ENTRY
TEL=_

6 Use the numeric keys to enter the fax/telephone number you want to register (max. 40 digits, including spaces, pauses and tone).

NOTE

- For details on how to enter or delete numbers, see page 85.
- Press [Redial/Pause] to enter a pause.
- Press [*] to enter a tone.
- 7 Press [Set] twice.



8 Use the numeric keys to enter a name for the directory dialing (max. 16 characters, including spaces).

⊘ NOTE

For details on how to enter or delete characters, see page 85.

9 Press [Set].

To continue registering directory dialing, repeat the procedure from step 4.

10 Press [Stop/Reset].

NOTE

For a list of the recipients you have registered, print the DIRECTORY DIAL list. (See page 90)

Changing Or Deleting An Entry

Follow this procedure:

• To change a registered number:

- 1. Follow the procedures from step 1 to 5 under "Registering Directory Dialing."
- 2. Use [◀] to delete the registered number.
- 3. Use the numeric keys to enter the new number.
 - **NOTE**

For details on how to enter or delete characters, see page 85.

- 4. Press [Set].
- 5. Press [Stop/Reset].

To change a registered name:

- 1. Follow the procedures from step 1 to 4 under "Registering Directory Dialing."
- 2. Press [Set] four times.
- 3. Press and hold [◀] to delete the registered name.
- 4. Use the numeric keys to enter the new name.
 - **NOTE**

For details on how to enter or delete characters, see page 85.

- 5. Press [Set].
- 6. Press [Stop/Reset].

• To delete an entire entry:

- 1. Follow the procedures from step 1 to 5 under "Registering Directory Dialing."
- 2. Press and hold [◀] to clear the registered number.
- 3. Press [Set].
- 4. Press [Stop/Reset].

The name will automatically be deleted when you delete the number.

Printing The DIRECTORY DIAL List

You can print a list of the recipients registered for directory dialing. You may want to keep the list near your machine to refer to it when dialing.

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- Use [◀] or [▶] to select <3.REPORTS/LISTS>.

```
FAX SETTINGS
 3.REPORTS/LISTS
```

3 Press [Set].

```
REPORTS/LISTS
 1.ACTIVITY REPORT
```

Use [◀] or [▶] to select <2.DIRECTORY DIAL>.

```
REPORTS/LISTS
 2.DIRECTORY DIAL
```

Press [Set].

```
SORTED OUTPUT
YES = (-)
           NO = (+)
```

Use [◀] or [▶] to select whether to print the list with the destination names in alphabetical order.

```
-<YES> [◀]: Prints the list with the destination names in alphabetical order.
```

Prints the list with the numerical order (01 - 40) in the directory.

The DIRECTORY DIAL list is printed.

▶ Setting Daylight Saving Time

You can set your machine to automatically change the time by registering the day and time that daylight saving begins and ends.

Follow this procedure:

- 1 Press [Additional Functions].
- 2 Use [◀] or [▶] to select <9.DAYLGHT SAV TIME>.
- 3 Press [Set].



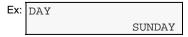
- 4 Use [◄] or [▶] to select <on> to enable daylight saving or <of> to disable it.
- If you select <OFF>:
 - 1. Go to step 21.
- If you select <ON>:
 - 1. Go to step 5.
- 5 Press [Set] three times.



- 6 Use [◀] or [▶] to select the month when daylight saving starts.
- 7 Press [Set] twice.



- 8 Use [◀] or [▶] to select the week when daylight saving starts.
 - -<FIRST WEEK>
 - -<SECOND WEEK>
 - -<THIRD WEEK>
 - -<FOURTH WEEK>
 - -<LAST WEEK> (fourth or fifth week depending on the month)
- 9 Press [Set] twice.



10 Use [◀] or [▶] to select the day when daylight saving starts.

11 Press [Set] twice.

12 Use the numeric keys to enter the time (in 24-hour format) when daylight saving starts.

Precede single digit with a zero.

13 Press [Set] three times.

- **14** Use [◀] or [▶] to select the month when daylight saving ends.
- 15 Press [Set] twice.

16 Use [◀] or [▶] to select the week when daylight saving ends.

- -<FIRST WEEK>
- -<SECOND WEEK>
- -<THIRD WEEK>
- -<FOURTH WEEK>
- -<LAST WEEK> (fourth or fifth week depending on the month)

17 Press [Set] twice.

- **18** Use [◀] or [▶] to select the day when daylight saving ends.
- 19 Press [Set] twice.

20 Use the numeric keys to enter the time (in 24-hour format) when daylight saving ends.

Precede single digit with a zero.

- 21 Press [Set].
- 22 Press [Stop/Reset].

▶ Summary Of Reports And Lists

The table below shows the reports and lists that can be printed from your machine. Refer to the pages indicated for more details.

Report Or List	Description	Details
ACTIVITY REPORT	Shows recent facsimile transactions performed by your machine. You can enable or disable automatic printing of this report after every 20 transactions. You can also manually set the machine to print it.	page 94
DIRECTORY DIAL	Lists the numbers and names registered for directory dialing.	page 90
USER'S DATA LIST	Lists the current settings of your machine and the registered sender information.	page 94
DOCUMENT MEMORY LIST	Lists the documents currently stored in the machine's memory.	page 100
TX (Transmission) REPORT	Prints after transmission of a document. You can enable or disable this feature, or set the machine to print a report only when an error occurs. You can also set the machine to print the first page of the document under the transmission report to remind you of the contents of the document.	page 95
RX (Reception) REPORT	Prints after reception of a document. You can enable or disable this feature, or set the machine to print a report only when an error occurs.	page 95
MEMORY CLEAR REPORT	Prints automatically when power is restored to the machine after a power failure. Lists the documents deleted from memory.	page 138

► ACTIVITY REPORT

The machine is factory-set to print an ACTIVITY REPORT after every 20 transactions. You can also disable automatic printing of this report.

NOTE

For details on the ACTIVITY REPORT setting, see page 154.

Printing The ACTIVITY REPORT

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <3.REPORTS/LISTS>.

FAX SETTINGS
3.REPORTS/LISTS

3 Press [Set] twice.
The ACTIVITY REPORT is printed.

► USER'S DATA LIST

The USER'S DATA LIST enables you to confirm the current settings of your machine as well as the registered sender information. (See page 84)

Printing The USER'S DATA LIST

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <3.REPORTS/LISTS>.

FAX SETTINGS
3.REPORTS/LISTS

3 Press [Set].

REPORTS/LISTS
1.ACTIVITY REPORT

4 Use [◀] or [▶] to select <3.USER DATA LIST>.

REPORTS/LISTS
3.USER DATA LIST

5 Press [Set].

The USER'S DATA LIST is printed.

TX REPORT

Your machine can print a TX (transmission) REPORT after sending a document. You can set the machine to print every time it sends a document, or only when an error occurs. Alternatively, you can disable printing of a report.

Ø NOTE

- For details on the TX REPORT setting, see page 155.
- The default setting is <PRINT ERROR ONLY>.

RX REPORT

Your machine can print an RX (reception) REPORT after receiving a document. You can set the machine to print every time it receives a document, or only when an error occurs. Alternatively, you can disable printing of a report.

NOTE

- For details on the RX REPORT setting, see page 156.
- \bullet The default setting is < OUTPUT NO> .

10 Sending Faxes

Documents You Can Fax

For information on the types of documents you can fax, their requirements, and details on loading them, see Chapter 2.

▶ Flow Of Sending Faxes

The operation flow of sending faxes is as follows:

Step 1

Load the document or photograph you want to send on the platen glass.

Step 2

Adjust the fax resolution and scan contrast. (See page 97)

Step 3

Dial the recipient's number using the numeric keys or directory dialing. (See page 99)

Step 4

Press [Color] or [Black].

IMPORTANT

Color sending is available only when the recipient's fax machine supports color faxing.

Step 5

For a multipage document, load the next page and press [Color] or [Black].

Step 6

Press [Set] to start sending.

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▶ Before Sending Faxes

The machine enables you to adjust the resolution and scan contrast to suit the type of document.

Adjusting The Image Quality (Fax Resolution)

You can adjust the image quality (fax resolution) of the document you send. The higher the image quality, the better the output quality at the other end, but the slower the transmission speed. Adjust the image quality according to the type of document you are sending.

Follow this procedure:

- 1 Press [FAX].
- 2 Press [Menu] repeatedly until <3.FAX RESOLUTION> appears.



3 Use [◄] or [▶] to select the resolution.

```
-<STANDARD>: Suitable for text-only documents.-<FINE>: Suitable for fine-print documents.-<PHOTO>: Suitable for photographs.
```

4 Press [Set].

Adjusting The Scan Contrast

Contrast is the degree of difference between light and dark. Increasing the contrast setting further blackens dark areas and whitens bright areas. Whereas decreasing the contrast setting reduces the difference between bright and dark areas. You can adjust the contrast between three gradations.

Follow this procedure:

- 1 Press [FAX].
- 2 Press [Menu] repeatedly until <2.SCAN CONTRAST> appears.



3 Use [◀] or [▶] to select the contrast.

Pressing $[\blacktriangleleft]$ decreases the density, and pressing $[\blacktriangleright]$ increases the density.

4 Press [Set].

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▶ Sending Methods

There are two methods of sending faxes:

- Sending from your machine (memory sending)
- Sending from your computer (See Software Guide)

This section explains how to use these methods.

Sending From Your Machine (Memory Sending)

Follow this procedure:

1 Load the document on the platen glass.

NOTE

For details on how to load documents, see page 19.

- 2 Press [FAX].
- 3 Adjust the settings for your document as necessary.

NOTE

- To select the image quality (fax resolution), see page 97.
- To select the scan contrast, see page 97.
- 4 Dial the recipient's number using the numeric keys or directory dialing.

NOTE

For details on how to use directory dialing, see page 99.

- 5 Press [Color] for color sending, or [Black] for black & white sending.
 - IMPORTANT

Color sending is available only when the recipient's fax machine supports color faxing.

The LCD displays the following message when the first document is scanned. For a multipage document, load the next page and press [Color] or [Black]. If sending only one page, go to step 7.

NEXT PAGE :START END SCANNING:SET

● IMPORTANT

If you do not press the same key you pressed in step 5, the machine does not start scanning.

7 Press [Set] to start sending.

NOTE

- To cancel sending before sending a fax, press [Stop/Reset].
- To cancel memory sending while sending a fax, follow any instructions on the LCD after pressing [Stop/Reset].

Sending Faxes From Your Computer

With your machine connected to your computer, you can send faxes from the computer. For details, see *Software Guide*.

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► How To Use Directory Dialing

You can dial the number easily when the recipient's fax/telephone numbers are registered in the directory.

NOTE

<NO DATA> appears on the LCD if no fax/telephone number is registered in the directory. For details on registering directory dialing, see page 87.

Dialing The Number Using Directory Dialing

Follow this procedure:

- 1 Press [Directory].
- 2 Use [◀] or [▶] to select the number registered in the directory (01-40).

NOTE

For details on memory sending, see page 98.

▶ Redialing A Busy Number

There are two methods of redialing: Manual redialing and Automatic redialing.

Manual Redialing

To manually redial the last dialed number, press [Redial/Pause].

NOTE

- For details on memory sending, see page 98.
- To cancel manual redialing, press [Stop/Reset].

Automatic Redialing

When using memory sending to send a document and the recipient's line is busy, your machine will redial the number after a specified interval.

NOTE

- Your machine enables you to customize automatic redialing settings to suit your needs.
- To cancel automatic redialing, wait until the machine starts redialing, then press [Stop/Reset]. Follow the instructions on the LCD.
- You can also delete the document from memory. For details, see page 100.

Customizing Automatic Redialing Settings

You can customize the following settings:

- Whether or not your machine redials automatically
- The number of times the machine redials (1 to 10 times)
- The time interval between redialings (2 to 99 minutes)

NOTE

For details on the redialing settings, see page 154.

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Documents Stored In Memory

A CAUTION

If you turn OFF the machine, all the documents stored in memory are deleted. Send or print all the necessary documents stored in memory before turning OFF the machine.

Printing A List Of Documents In Memory

The machine can print a list of documents stored in memory (DOC. MEMORY LIST) showing the transaction number (TX/RX NO.), transaction mode, recipient name, number of pages, date, and transmission time of each document. This will help you select a document in memory you wish to delete or print.

Follow this procedure:

- 1 Press [Additional Functions], and then press [Set].
- 2 Use [◀] or [▶] to select <2.MEMORY REFERENCE>.
- 3 Press [Set].

NOTE

If there are no documents stored in memory, the machine will switch to the standby mode after <NO DOC. STORED> is displayed.

4 Use [◀] or [▶] to select <3.DOC. MEMORY LIST>.

NOTE

In step 2, you can also print this list from the <4.DOC. MEMORY LIST> setting in the <3.REPORTS/LISTS> menu of [Additional Functions]. (See page 153)

5 Press [Set].

The list of documents stored in memory is printed.

Printing Or Deleting A Document In Memory

Follow this procedure:

- 1 Follow the procedures from step 1 to 3 under "Printing A List Of Documents In Memory." (See above)
- 2 Use [◀] or [▶] to select <2.PRINT DOCUMENT> or <4.DELETE DOCUMENT>.

NOTE

To reprint the printed documents stored in memory, select <1.REPRINT SAVED FAX> and press [Set].

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- If you select <2.PRINT DOCUMENT>:
 - 1. Press [Set].
 - 2. Use [◀] or [▶] to select the transaction number (TX/RX NO.) of the document you want to print, or enter the number using the numeric keys.

If you are unsure of the transaction number, print the DOC. MEMORY LIST. (See page 100)

- 3. Press [Set].
- Press [◄] to print the first page only, or press [▶] to print all pages of the document.
- 5. To print another document, return to branch-step 2, or to finish printing, go to step 4.
- If you select <4.DELETE DOCUMENT>:
 - 1. Press [Set].
 - 2. Use [◀] or [▶] to select <1.ALL PRINTED DOCS.> or <2.1 DOCUMENT>.
 - -<ALL PRINTED DOCS .>: Deletes all the printed documents stored in memory.
 -<1 DOCUMENT>: Deletes a single document stored in memory.
 - 3. Go to step 3.
- 3 Press [Set].
- If you selected <1.ALL PRINTED DOCS.> in branch-step 2 of step 2:
 - 1. Press [◀].

Press [] to cancel deleting, and the machine returns to the standby mode.

- If you selected <2.1 DOCUMENT> in branch-step 2 of step 2:
 - 1. Use [◀] or [▶] to select the transaction number (TX/RX NO.) of the document you want to delete, or enter the number using the numeric keys.

If you are unsure of the transaction number, print the DOC. MEMORY LIST. (See page 100)

- 2. Press [Set].
- Press [◀].

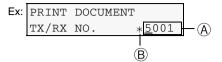
Press [] to cancel deleting, and the machine returns to the LCD of branch-step 1.

- 4. To delete another document, return to branch-step 1, or to finish deleting, go to step 4.
- 4 Press [Stop/Reset].

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Checking A Document's Details In Memory

When selecting a document in memory to be printed or deleted, you can check its details on the LCD as follows:



- (A) Transaction number (TX/RX NO.)
- A transaction number between 0001 and 4999 is a document being sent.
- A transaction number between 5001 and 9999 is a document being received.
- Marks before the transaction number
- No mark indicates a black & white document.
- <* > indicates a color document.
- <#> indicates a black & white document being sent or printed.
- <&> indicates a color document being sent or printed.

Displaying Details Of The Transaction

Use [*] or [*] to display the details (e.g. transaction number, transaction time and fax number).

NOTE

If you are unsure of the transaction number, print the DOC. MEMORY LIST. (See page 100)

Special Dialing

Dialing Through A Switchboard

A PBX (Private Branch Exchange) is an on-site telephone switchboard. If your machine is connected through a PBX or other telephone switching system, you have to dial the outside line access number first, and then the number of the party you are calling.

Switching Temporarily To Tone Dialing

Many information services for banks, airline reservations, hotel reservations, etc. require tone dialing for their services. If your machine is connected to a rotary pulse line, you can set the machine temporarily for tone dialing.

Follow this procedure:

- 1 Press [FAX].
- 2 Lift the handset.
- 3 Use the numeric keys of your telephone to dial the number of the information service.
- 4 When the recorded message of the information service answers, press [Tone] ([*]) to switch to tone dialing.
- 5 Use the numeric keys to enter the numbers requested by the information service.

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6 Hang up the handset.

Sending/Receiving Using ECM

This machine is set to send/receive faxes in ECM (Error Correction Mode). Checking the sending and receiving condition at the sending end and the receiving end respectively, ECM automatically corrects errors caused by telephone line trouble.

NOTE

- If the sender's or receiver's fax is not ECM-compatible, the fax will be sent/received in the standard mode.
- You can also disable ECM sending/receiving. (See page 154, page 155)

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Chapter Receiving Faxes

► Flow Of Receiving Faxes

The operation flow of receiving faxes is as follows:

Step 1

Load paper in the multi-purpose tray. (See page 27)

Step 2

Select the receive mode.

- If you want to receive faxes automatically as well as voice calls:
 <FAX/TEL AUTO SW> (See page 105)
- If you want to receive only faxes automatically with your machine, or you have a dedicated telephone line for fax use only:
 - <FAX ONLY MODE> (See page 105)
- If you have subscribed to a Distinctive Ring Pattern Detection (DRPD) service with your telephone company:
 - <DRPD> (See page 106)
- If you receive mainly voice calls and sometimes faxes, or you want to receive faxes manually:
 - <MANUAL MODE> (See page 106)
- If you want to receive voice messages on your answering machine and receive faxes automatically:
 - <ANS.MACHINE MODE> (See page 106)

NOTE

- You have to connect a telephone to the external device jack when you set <MANUAL MODE>, <FAX/TEL AUTO SW> or <DRPD>.
- You have to connect an answering machine to the external device jack when you set <ANS.MACHINE MODE>.

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▶ Receive Modes

The machine provides the following five receive modes. Select the receive mode according to your needs.

™ IMPORTANT

The machine cannot receive faxes when the power is turned OFF. Press [ON/OFF] to turn the power ON.

NOTE

The machine can receive faxes in any mode, such as copy mode (when [COPY] is pressed), fax mode (when [FAX] is pressed), scan mode (when [SCAN] is pressed), or photo print mode* (when [PHOTO PRINT] is pressed).

* If faxes are received in photo print mode, [FAX] flashes. Press [FAX] to print received faxes.

If You Want To Receive Faxes Automatically As Well As Voice Calls:

● Select < FAX/TEL AUTO SW>.

• When you receive a fax call: The machine will receive the fax automatically.

• When you receive a voice call: The machine will ring. Pick up the handset to answer the call.

(*) IMPORTANT

A telephone connected to your machine will not ring.



The telephone does not ring when it receives a fax call. If you want it to ring, connect a telephone to your machine and enable the <3 . INCOMING RING> setting (see page 155). You can also select the number of rings before the machine answers. (See page 155)

Customizing FAX/TEL AUTO SW

You can customize this mode to control precisely how your machine handles incoming calls. You can adjust the time the machine takes to check whether a call is a fax or voice call, the length of time the machine rings when it is a voice call, and the action the machine must take if no one answers a voice call.



For details on the FAX/TEL AUTO SW settings, see page 152.

If You Want To Receive Only Faxes Automatically With Your Machine, Or You Have A Dedicated Telephone Line For Fax Use Only:

● Select < FAX ONLY MODE >.

• When you receive a fax call: The machine will receive the fax automatically.

• When you receive a voice call: You will not be able to answer the call.

NOTE

The telephone does not ring when it receives a fax call. If you want it to ring, connect a telephone to your machine and enable the <3 . INCOMING RING> setting (see page 155). You can also select the number of rings before the machine answers. (See page 155)

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If You Have Subscribed To A Distinctive Ring Pattern Detection (DRPD) Service With Your Telephone Company:

Select <DRPD>.

• When you receive a fax call: The machine will ring according to the ring pattern you have

chosen and receive the fax automatically.

The machine will ring according to the ring pattern you have • When you receive a voice call:

chosen. Pick up the handset to answer the call.

Setting The Ring Pattern

Your telephone company will assign a distinctive ring pattern to each number when you order the DRPD service. Set the fax ring pattern that matches the pattern assigned by the telephone company.

⊘ NOTE

For details on the DRPD settings, see page 155.

If You Receive Mainly Voice Calls And Sometimes Faxes, Or You Want To Receive Faxes Manually:

● Select <MANUAL MODE>.

• When you receive a fax call: The telephone will ring. Pick up the handset and if you hear a

beep, press [Black] or [Color] on the machine to receive the fax.

• When you receive a voice call: The telephone will ring. Pick up the handset to answer the call. • For remote receiving:

If you are far from your machine, dial 25 (the remote receiving ID)

on your telephone to receive faxes.

NOTE

• The machine can receive faxes automatically after the telephone rings for a specified length of time. (See

- You can customize remote receiving by enabling/disabling it, or by changing the remote receiving ID. (See page 155)
- · If you have an answering machine connected to your machine that can carry out remote-control operations (controlling your answering machine from a remote telephone), the security code for this function may be the same as the remote receiving ID. If so, make sure you change the machine's remote receiving ID to make it distinct from the answering machine's security code. (See page 155)

If You Want To Receive Voice Messages On Your Answering **Machine And Receive Faxes Automatically:**

• Select < ANS. MACHINE MODE>.

• When you receive a fax call: First the answering machine connected to your machine will

respond to an incoming call, and then the machine will receive

faxes automatically.

• When you receive a voice call: The answering machine connected to your machine will respond

to an incoming call.

Adjusting The Answering Machine

Adjust your answering machine as follows:

- Set the answering machine to answer on the first or second ring.
- The entire message should be no longer than 15 seconds.
- In the message, tell your callers how to send a fax.

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Setting The Receive Mode

Follow this procedure:

- 1 Press [Additional Functions].
- 2 Press [Set] twice.

Ex: RECEIVE MODE FAX/TEL AUTO SW

3 Use [◀] or [▶] to select the receive mode.

-<FAX/TEL AUTO SW>: Set to automatically switch between fax and voice calls. Faxes

will be received automatically, and the machine will ring for voice calls. (If you connected a telephone to your machine, the

telephone will not ring.)

-<FAX ONLY MODE>: Set to automatically receive faxes only. (If you connected a

telephone to your machine, the telephone will not ring.)

-<DRPD>: Set if you have subscribed to a Distinctive Ring Pattern

Detection (DRPD) service offered by some companies.

-<MANUAL MODE>: Set for the machine to ring for fax and voice calls. Fax calls

must be answered manually.

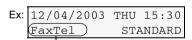
-<ANS.MACHINE MODE>: Set for the answering machine connected to your machine to

respond to an incoming call first, and then to receive faxes

automatically.

4 Press [Set].

The receive mode will be displayed on the bottom left of the LCD.



Receive mode

► Canceling Receiving

Press [Stop/Reset] and follow any instructions on the LCD.

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► Memory Receiving

If paper has run out, ink has run low, or a paper jam occurs while receiving faxes, the fax will be stored in memory, and the LCD will display a message such as <RECEIVED IN MEMORY>. The fax stored in memory will be printed when paper is reloaded, the ink tank is replaced, or the paper jam is cleared.

NOTE

- The machine can store up to 200 pages* of faxes in memory.
- Received faxes are stored in memory. You can reprint the faxes and also delete the unnecessary faxes. For details, see <MEMORY REFERENCE>. (See page 152)
- If the memory becomes full, the machine cannot receive the remaining faxes. Contact the sender and have him/her resend them.
- *When using ITU-T No.1 chart (Standard mode)

Paper Size And Type

Load letter- or A4-size paper in the multi-purpose tray when you print the fax.

IMPORTANT

- If paper other than letter- or A4-size paper is loaded in the multi-purpose tray, only one sheet of the loaded paper is printed and the messages <RECEIVED IN MEMORY> and <CHECK PAPER SIZE PRESS SET KEY> are displayed. Load letter- or A4-size paper in the multi-purpose tray and then press [Set].
- If the paper size is set to a setting other than <LTR> or <A4>, the received faxes will not be printed, and the LCD will display <CHANGE PAPERSIZE: FAX> and <RECEIVED IN MEMORY>. Change the paper size setting to <LTR> or <A4>, and then press [Set]. (See page 30)

NOTE

If the sender sent documents larger than letter-size, such as $11" \times 17"$ or legal-size, the sender's machine may send the fax, automatically shrinking or dividing it, or send only a part of the original.

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Chapter 2

Maintenance

IMPORTANT

- When unplugging the power cord, be sure to press [ON/OFF] first. When you press [ON/OFF], the print head is protected by the cap to prevent the ink from drying. When unplugging the power cord, be sure to unplug it after turning OFF the machine with [ON/OFF].
- When not using the machine for a long time, print or copy in both black & white and in color, or perform print head cleaning, about once a month to prevent degradation of the print head.
- Numerous nozzles are installed in the print head for high-precision printing. Just as the uncapped tip
 of a ballpoint pen or marker becomes dry and unusable if not used for a long period of time, the print
 head nozzles become blocked by dried ink. Periodically printing or cleaning the print head can
 prevent this blockage.

Replacing Ink Tanks

Low Ink Warning

When ink is running low, the LCD will display <BLACK INK LOW>, <COLOR INK LOW>, or <COLOR/BLACK INK LOW> warning you to have a new ink tank ready before the ink runs out.

If the machine stops printing when the warning appears, you can continue printing by pressing [Set]. However, note that ink may have run out (when printing from a computer, printing does not stop even if this warning message appears).

You can check the current ink level at any time. (See page 113)

NOTE

If the low ink warning does not display even when ink runs low (see page 113), set <LOW INK WARNING> to <ON>. (See page 156)

When To Replace An Ink Tank

In general, you will need to replace an ink tank when print quality deteriorates or printouts are blank. However before replacing an ink tank, refer to the flowchart on page 114 to check whether poor print quality is due to another problem.

Compatible Ink Tanks

Ink tanks compatible with the machine are as follows:

Black ink tank: BCI-24 BlackColor ink tank: BCI-24 Color

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A CAUTION

- Keep the print head and ink tanks out of the reach of children. If a child inadvertently ingests ink, consult a physician immediately.
- To ensure optimum printing results and to avoid printing problems, Canon recommends using original Canon ink tanks only. Damage caused by using refilled tanks is not covered by Canon's warranty.
- Replaced ink tanks should be new. If you install partially used ink tanks, the nozzles may block and the ink counter may not be accurate.
- For best ink quality, use ink tanks within one year of purchase. After placing ink tanks in the machine, use the ink tanks within six months.
- Do not open the ink tank packaging until ready to install. After opening the ink tank packaging, use the ink tanks within six months.
- Do not touch printouts with wet hands or spill liquids on them as the ink may run.
- Replace ink tanks quickly. Once installed, do not remove it from the machine or leave out in the open. Doing so may cause the ink tank not to function when reinstalled in the machine.

Replacing An Ink Tank

This section describes how to replace an ink tank. For details on when to replace an ink tank, see page 109. After replacing an ink tank, be sure to reset the ink counter as quickly as possible (see page 112). Please note that if you do not reset the ink counter after replacing an ink tank, the low ink warning will not display properly (see page 109) and you will not be able to check the ink level. (See page 113)

A CAUTION

Do not replace ink tanks while the machine is printing or performing another operation.

Follow this procedure:

1 Make sure the power is turned ON.

2 Lift the scan unit until it locks into place

(1).

When the machine is ON, the paper output tray automatically opens when the scan unit is lifted ②. If the paper output tray does not open, press the Open button to open the paper output tray.

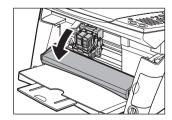
The print head holder moves to the middle.



3 Open the inner cover.

A CAUTION

- Do not try to manually move or stop the print head holder.
- Do not touch any metal parts.



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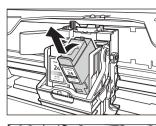
4 Hold the empty ink tank's tab and pull forward to release. Lift out the ink tank.

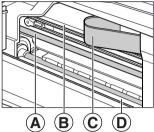
A CAUTION

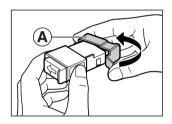
- Do not remove the print head from the machine.
- · Remove one ink tank at a time.
- Do not touch the round shaft $\widehat{\mathbb{A}}$, transparent film $\widehat{\mathbb{B}}$, film cable $\widehat{\mathbb{C}}$, ink absorber (sponge part) $\widehat{\mathbb{D}}$, or any metal parts.

IMPORTANT

- Discard the empty ink tank according to local laws and regulations for disposal of consumables.
- Handle ink tanks carefully to avoid staining clothing or the surrounding area.
- 5 Remove the new ink tank from its packaging. Then hold the ink tank as shown and remove the protective cap (A).

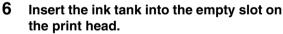






A CAUTION

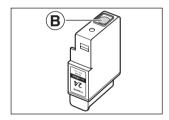
- Do not touch the ink port **B**.
- Do not shake or drop the ink tank as the ink may leak and stain your clothes or hands.
- Do not attempt to reattach the protective cap once you remove it.
- Do not place the ink port in contact with any other surface.

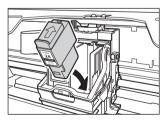


Press firmly on the ink tank's tab until it locks into place.

IMPORTANT

- Set a black ink tank in the right slot of the print
- Set a color ink tank in the left slot of the print head.





- 7 If you need to replace another ink tank, repeat steps 4 to 6.
- 8 Close the inner cover.

A CAUTION

Press the center of the inner cover until the cover locks into place.

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9 Return the scan unit to its original position.

The LCD displays a message asking if you replaced an ink tank.

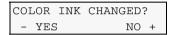
```
INK TANK CHANGED?
- YES NO +
```

10 Press [**◄**].

The LCD displays a message asking if you replaced the black ink tank.

```
BLACK INK CHANGED?
- YES NO +
```

11 If you replaced the black ink tank, press [◀]. If you did not, press [▶]. The LCD displays a message asking if you replaced the color ink tank.



12 If you replaced the color ink tank, press [◀]. If you did not, press [▶]. The ink counter is now reset, and replacement of the ink tanks is completed.

NOTE

- To check the ink level of the ink tanks at any time, see page 113.
- Pressing [▶] does not reset the ink counter. Be sure to press [◄] if you replaced the ink tank.
- If you pressed [▶] by mistake, follow the procedure to reset the ink counter. (See below)

Resetting The Ink Counter

The ink counter keeps track of how much ink is left in the ink tanks, enabling the machine to warn you when ink is running low. Thus, it is important to reset the ink counter when replacing ink tanks. You can also check the current ink level of the ink tanks at any time.

When you replace an ink tank, the LCD will automatically prompt you to reset the ink counter. However, if for any reason you did not reset the ink counter when replacing the ink tanks, follow this procedure to reset it.

NOTE

- You can also reset the ink counter from your computer. (See *Software Guide*, located on your Setup CD-ROM)
- The ink counter cannot be reset while the Alarm lamp is lit.

Follow this procedure:

- 1 Press [Additional Functions].
- 2 Use [◀] or [▶] to select <2.INK VOLUME>.

USER DATA
2.INK VOLUME

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3 Press [Set].

INK VOLUME
1.LOW INK WARNING

4 Use [◀] or [▶] to select <2.INK COUNT RESET>.

INK VOLUME
2.INK COUNT RESET

5 Press [Set].

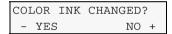
The LCD displays a message asking if you replaced the black ink tank.



NOTE

Do not press any keys other than $[\blacktriangleleft]$ or $[\blacktriangleright]$.

6 If you replaced the black ink tank, press [◀]. If you did not, press [▶]. The LCD displays a message asking if you replaced the color ink tank.



7 If you replaced the color ink tank, press [◀]. If you did not, press [▶]. The ink counter is now reset.

NOTE

Press [Stop/Reset] to switch the machine to exit.

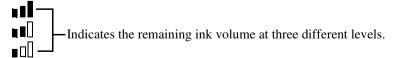
Checking The Ink Level

If you reset the ink counter when you installed/replaced the ink tanks, you can check the current ink level of the ink tanks at any time.

To check the current ink level of the ink tanks, press [COPY], [FAX], [SCAN], or [PHOTO PRINT].

The LCD will display the ink level for approx. three seconds.





? Indicates the ink counter was not reset after replacing the ink tanks.

NOTE

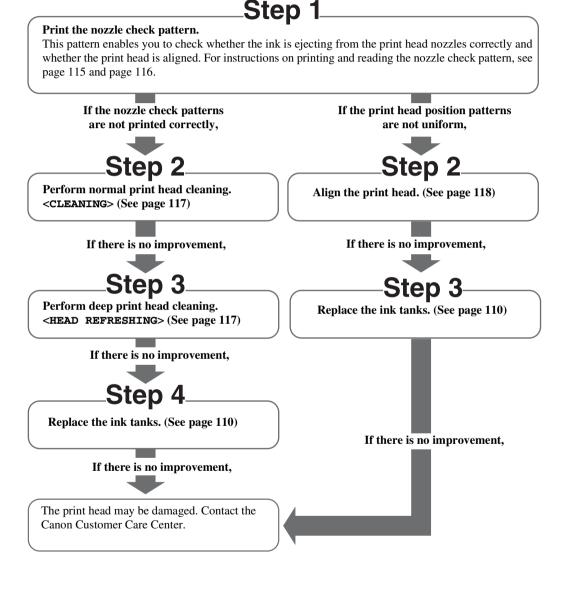
The LCD will not display the ink level when <LOW INK WARNING> is set to <OFF>. (See page 156)

Chapter 12 Maintenance 113

Maintaining The Print Head

You can print a nozzle check pattern to check whether the print head is operating properly, and then clean or align the print head.

Flowchart Of Print Head Maintenance



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Printing The Nozzle Check Pattern

The nozzle check pattern shows whether the print head is operating properly.

NOTE

You can also print the nozzle check pattern from your computer. (See *Software Guide*, located on your Setup CD-ROM)

Follow this procedure:

- 1 Load letter- or A4-size plain paper in the multi-purpose tray.
- 2 Press [Additional Functions].
- 3 Use [◀] or [▶] to select <3.MAINTENANCE>.

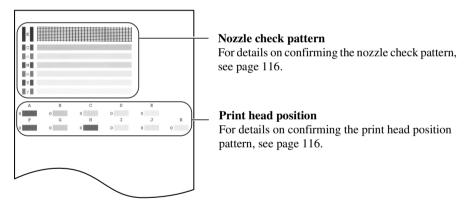
USER DATA
3.MAINTENANCE

4 Press [Set].

MAINTENANCE
1.NOZZLE CHECK

5 Press [Set].

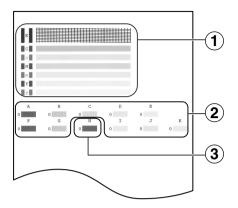
The machine prints a nozzle check pattern.



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Confirming The Nozzle Check Pattern

This section describes how to confirm the nozzle check pattern and the print head position pattern.



NOTE

If the ink level is low, the nozzle check pattern is not printed correctly. If the ink level is low, replace the relevant ink tank. (See page 110)

- If the lines are broken, or white lines are present in pattern ①:
 - 1. Clean the print head. (See page 117)



- If the pattern ② is not uniform:
 - 1. Align the print head. (See page 118)



- If white vertical lines are obvious in pattern ③:
 - 1. Align the print head. (See page 118)

White lines



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Cleaning The Print Head

If the printed nozzle check pattern is broken, missing, or a specific color is not printed, clean the print head.

NOTE

- Cleaning the print head consumes a small amount of ink. Cleaning too often reduces the amount of ink in the ink tanks.
- Your machine may perform print head cleaning periodically to avoid clogging.
- You can also clean the print head from your computer. (See *Software Guide*, located on your Setup CD-ROM)

Follow this procedure:

- 1 Press [Additional Functions].
- 2 Use [◄] or [▶] to select <3.MAINTENANCE>.
- 3 Press [Set].
- 4 Use [◀] or [▶] to select <2.CLEANING> or <3.HEAD REFRESHING> as necessary.



- -<CLEANING>:
- Performs normal print head cleaning.
- -<HEAD REFRESHING>: Performs deep print head cleaning.
- 5 Press [Set].



IMPORTANT

If normal print head cleaning does not improve print quality, perform deep print head cleaning.



When cleaning has finished, the machine will return to standby mode and no document will be printed.

Chapter 12 Maintenance 117

Aligning The Print Head

If you have printed the nozzle check pattern (see page 115) and determined that the print head needs aligning, align it from the operation panel.

NOTE

You can also align the paper from your computer. (See *Software Guide*, located on your Setup CD-ROM)

Follow this procedure:

- 1 Load letter- or A4-size plain paper in the multi-purpose tray.
- 2 Press [Additional Functions].
- 3 Use [◀] or [▶] to select <3.MAINTENANCE>.
- 4 Press [Set].
- 5 Use [◀] or [▶] to select <4.ALIGN PRINT HEAD>.

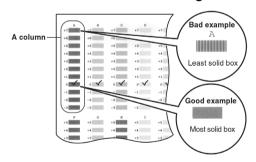


6 Press [Set].

```
HORIZ. PATTERN PRINTING...
```

The machine prints a print head position pattern.

7 Beginning from column A on the printout, enter checkmarks in the patterns that have the most solid image.



8 Use [◀] or [▶] to select the pattern number that you checked in column A on the printout in step 7.



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9 Press [Set].

10 Repeat steps 8 and 9 for columns B to K.

Using The Calibration Function

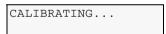
If the color tone of copies or scans of photos differs from that of the original, you can use the calibration function to adjust the color tone printed.

Follow this procedure:

- 1 Press [Additional Functions].
- 2 Use [◀] or [▶] to select <3.MAINTENANCE>.
- 3 Press [Set].
- 4 Use [◀] or [▶] to select <6.CALIBRATION>.

```
MAINTENANCE
6.CALIBRATION
```

5 Press [Set].



- The machine starts calibrating.
- When calibration completes, the machine switches to the standby mode.

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Setting The Power Save Timer

Power Save mode allows the scanning lamp is shut off, based on the length of time you specify using the Power Save Timer setting. If you perform an operation immediately after recovering from Power Save mode, the image may not be correctly read by the machine. If you use the machine frequently, we recommend that you set the Power Save Timer to <4 HOURS> or <8 HOURS>.

IMPORTANT

- After recovering from Power Save mode, wait at least one minute before scanning, copying, or sending faxes.
- The default setting is <1 HOUR>.

Follow this procedure:

- 1 Press [Additional Functions].
- 2 Use [◀] or [▶] to select <10.POWER SAVE TIMER>.

```
USER DATA
10.POWER SAVE TIMER
```

3 Press [Set].

```
Ex: POWER SAVE TIMER
1 HOUR
```

4 Use [◄] or [▶] to select the time to switch the machine to Power Save mode.

-<1 HOUR>: Switches the machine to Power Save mode if any key on the operation panel

is not pressed for one hour.

-<4 HOURS>: Switches the machine to Power Save mode if any key on the operation panel

is not pressed for four hours.

-<8 HOURS>: Switches the machine to Power Save mode if any key on the operation panel

is not pressed for eight hours.

5 Press [Set].

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▶ Cleaning Your Machine

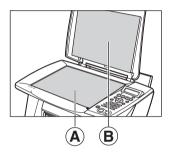
This section describes the necessary cleaning procedures for your machine.

A CAUTION

- Be sure to turn OFF the power and disconnect the power cord before cleaning the machine.
- If you turn OFF the machine, all the documents stored in memory are deleted. Print all the necessary documents stored in memory before turning OFF the machine.
- Do not use tissue paper, paper towels, or similar materials for cleaning; they can stick to the components or generate static charges. Use a soft cloth to avoid scratching the components.
- Never use volatile liquids such as thinners, benzene, acetone, or any other chemical cleaner to clean the machine; these can damage the machine's components.

Cleaning The Platen Glass And Document Cover

Wipe the platen glass (A), and the inner side of the document cover (white area) (B) with a clean, soft, lint-free cloth moistened with water. Then wipe with a clean, soft, dry, lint-free cloth making sure not to leave any residue, especially on the platen glass. If you have trouble getting the scanning area clean, wipe with diluted mild detergent (for dish washing).



Cleaning The Exterior

Wipe the machine's exterior with a clean, soft, lint-free damp cloth.

Cleaning The Roller

Clean the roller when paper does not feed correctly.

Follow this procedure:

- 1 Remove any paper from the multi-purpose tray.
- 2 Press [Additional Functions].
- 3 Use [◀] or [▶] to select <3.MAINTENANCE>.
- 4 Press [Set].
- 5 Use [◀] or [▶] to select <5.ROLLER CLEANING>.

MAINTENANCE
5.ROLLER CLEANING

6 Press [Set].

ROLLER CLEANING

The machine starts cleaning the roller.

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- 7 When cleaning has finished, repeat steps 2 to 6 for a total of three times.
- 8 Load letter- or A4-size plain paper in the multi-purpose tray and repeat steps 2 to 6 an additional three times.

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Chapter 13

Troubleshooting

Software

► Problems Installing And Uninstalling Software MP Drivers/MP Toolbox

Cause	Action
Software is not installed correctly.	If you have not followed the installation procedure correctly, uninstall first, then reinstall the software. If there was an error during installation and installation was not completed, restart your computer and reinstall the software.
Other applications are open.	Close all applications including anti-virus software, and reinstall the software.
The computer has an old version of	E
the software installed. (Canon	instructions in the Software Guide of that version, and reinstall the
MultiPASS is registered as a	new version.
startup item in the Start menu	
program.)	

MP Toolbox Only

Cause	Action
Installation is not completed, and	Follow this procedure:
unnecessary files remain.	1. To prepare for forced re-installation, double-click [My Computer]
	on the Windows desktop. Open the CD-ROM icon, then
	double-click [Frclnst.exe] or [Frclnst] in the
	[\MP\English\Toolbox\Setup\FrcInst.exe] folder.
	2. Then double-click [Setup.exe] or [Setup] in the
	[\MP\English\Toolbox\Setup.exe] folder to reinstall.

MP Drivers Only

Cause	Action
Windows 2000 Service Pack 1 (SP1) is not installed on the	Install Windows 2000 Service Pack 1 (SP1) or later. To acquire Service Pack, contact Microsoft Corporation.
computer.	

• Uninstallation of the MP Drivers takes too long (Windows XP).

Cause	Action
Other applications, including	Close any open applications (including anti-virus software) before
anti-virus software, are running in	uninstalling the software.
the background.	

• Uninstallation was completed, but the [Canon] folder remains in the [Start] menu.

Cause	Action
•	Go to the [Start] menu, open [Taskbar and Start Menu Properties] and remove [Canon] from here.

• The message <Version conflict> appears on your computer (Windows 98).

Cause	Action
The computer has Photoshop	If the message <version conflict=""> or <windows 98="" file="" language<="" th=""></windows></version>
installed.	or> appears during installation, click [Yes] or [No]. Whichever you
	click, installation thereafter will continue trouble-free. Also, the
	installed MP Drivers can be used without problem.

• Cannot use the software after upgrading to Windows XP.

Cause	Action
OS was upgraded to Windows XP from Windows 98/Me/2000,	Uninstall the software and then reinstall it. (See page 72)
without uninstalling the software.	

• In [Device Manager], green mark [?] is displayed (Windows Me).

Cause	Action
Because you are not using a	For the [Device Manager], it is common for the green mark [?] to
dedicated driver for the machine	display in Windows Me. Continue to use the machine as is.
but a standard driver for the	
operating system of Windows Me,	
the green mark [?] is displayed in	
[Device Manager].	

• You installed the utility software, such as ArcSoft PhotoStudio or ScanSoft OmniPage SE, on the Setup CD-ROM but they were not registered in the MP Toolbox.

Cause	Action
You installed the applications with	Click [Defaults] to register them. (See Software Guide, located on
the MP Toolbox open.	your Setup CD-ROM)

General

▶ Paper Is Jammed

Removing Jammed Paper

If <CLEAR PAPER JAM> and <PRESS SET KEY> are displayed on the LCD, follow this procedure to clear the paper jam.

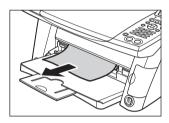
If a paper jam occurs when receiving a fax, that fax will be stored in memory and printed automatically when you clear the jam and press [Set].

Clearing Jams In The Paper Output Tray

Follow this procedure:

1 Gently pull any jammed paper out of the paper output tray.

If you cannot see any jammed paper in the paper output tray, remove it from the machine's interior.



2 Press [Set].

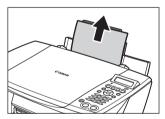
If you are printing from an application software, follow the instructions displayed on your computer.

• Clearing Jams From The Multi-purpose Tray

Follow this procedure:

- 1 Gently pull out any jammed paper from the multi-purpose tray.
- 2 Press [Set].

PC If you are printing from an application software, follow the instructions displayed on your computer.



• If There Are Repeated Paper Jams

Paper jams can occur repeatedly when the roller is not operating correctly, or paper is not loaded correctly. Paying attention to the following points, reload the paper or clean the roller.

Cause	Action
The roller is not clean.	If the roller is dirty, clean it. (See page 121)
The sheets of paper stick together.	Fan the sheets of paper well before loading.
The edges of the paper are not aligned.	Align the edges of the paper.
The paper guide is not adjusted correctly.	Adjust the paper guide correctly.
The paper stack exceeds the paper limit mark.	Make sure the paper stack does not exceed the paper limit mark when loading. (See page 27)
There are different types of paper in the paper stack.	Only use the same type of paper.
The paper does not meet the requirements of this machine.	Use the paper meeting the requirements of this machine. (See page 21)

► The Cover Cannot Be Closed The Inner Cover Cannot Be Closed

Cause	Action
The scan unit is returned to its	Lift the scan unit until it locks into place, and close the inner cover
original position before the inner	by pressing the center of the cover until the cover locks into place.
cover is closed.	Then, return the scan unit to its original position.

The Paper Output Tray Cannot Be Closed

Cause	Action
The inner cover is not closed	Lift the scan unit until it locks into place, then press the center of the
properly.	inner cover until the cover locks into place.

The Paper Output Tray Cannot Be Opened

Cause	Action
The machine is not placed on a flat surface.	Place the machine on a flat surface.
There is something blocking the paper output tray.	Be sure to clear the space in front of the paper output tray.

▶ When The Alarm Lamp Flashes

If paper has run out, ink has run low, or a paper jam occurs while printing, the Alarm lamp flashes. Check the cause of the error below and take corrective actions.

Cause	Action
The Alarm lamp flashes.	● If a message appears:
	1. Check the message appearing on the LCD.
	2. Follow the instructions and correct the error.
	For LCD messages, see page 143.
	3. Press [Set] to resume operation.
	• The Alarm lamp will stop flashing.
	• If the error remains, turn OFF the machine and disconnect the
	power cord. Wait at least 15 seconds then reconnect the power
	cord and turn ON the machine.
	● If a message does not appear:
	1. Turn OFF the machine and disconnect the power cord.
	2. Wait at least five seconds, reconnect the power cord and turn the power ON.
	If the problem has been resolved, the Alarm lamp will stop
	flashing.
	● If the Alarm lamp still flashes even after you have turned the
	power ON again:
	Contact the Canon Customer Care Center.

▶ Nothing Displays On The LCD (There Is No Power)

When you connect the power cord to the machine and wall outlet, and press [ON/OFF], the machine powers ON and a message is displayed on the LCD.

While the Alarm lamp flashes, the machine is initializing and you will not be able to use it. Wait until the Alarm lamp stops flashing.

If nothing is displayed on the LCD, check the cause of the following.

Cause	Action
The power cord is not correctly connected.	Securely connect the power cord to the machine and wall outlet.
You have not pressed [ON/OFF].	The machine will power ON and the LCD will display a message when you connect the power cord and press [ON/OFF].
The wall outlet is not working normally.	Connect an electrical appliance to the wall outlet and check whether the wall outlet is working properly.
The power cord is connected to a table tap or extension cord.	If the table tap or extension cord has a power switch, check that it is turned ON. If the machine does not power ON, disconnect it from the table tap or extension cord and connect the machine directly to the wall outlet.
The power cord is defective.	Either replace the power cord with another, suitably fused, or using a tester, check whether the cord is defective.

▶ Problems Outputting

Cannot Print At All, Cannot Print Correctly

• When Copying, Printing From A Computer, Printing Faxes Or Printing Photographs

Cause	Action
Ink has run low or out.	Check whether the ink tanks are empty. Replace the ink tanks if necessary.
The print head is dirty.	Clean the print head. (See page 117)
The Alarm lamp is flashing.	If it is flashing, see "When The Alarm Lamp Flashes," on page 127.
The ink tanks are not installed correctly.	Lift the scan unit until it locks into place, and open the inner cover, then check that the ink tanks are securely inserted. Also, check that the ink tanks are inserted in the correct slots. (See page 110)
The ink is not ejecting correctly, or the print head is clogged.	Try a print head cleaning (see page 117), or print the nozzle check pattern (see page 115).
The paper is too thick.	Use 17 lb.–28 lb. (64 g/m²–105 g/m²) paper for non-Canon branded paper. (See page 21)
The paper stack exceeds the capacity of the multi-purpose tray.	If the paper stack exceeds the paper limit mark, or exceeds the capacity of the multi-purpose tray, reduce the amount of paper. (See page 21)
The paper is not loaded correctly.	Check that the paper has been loaded correctly and that the paper guide is properly adjusted. (See page 27)
The paper is creased or curled.	You cannot use paper that is creased. Uncurl the paper, then load it into the multi-purpose tray.
The roller is dirty.	Clean the roller. (See page 121)
There is some foreign matter in the multi-purpose tray.	Check and remove any foreign matter.
The paper guide is pressed too closely to the edge of the paper.	Remove the paper from the multi-purpose tray. Pinch the paper guide and slide it to the left. Then restack the paper and insert it back into the multi-purpose tray. Pinch the paper guide and adjust it to the left side of the stack.
The paper thickness lever is not set correctly.	When the paper thickness lever is set incorrectly and you print or copy documents with large quantities of ink such as documents with a lot of details, the printout may curl or smudge. Move the paper thickness lever to the correct position according to the paper type. (See page 21)
Recommended paper is not used.	Use recommended paper. (See page 21)
The paper type set from the computer or operation panel of the machine differs from the type of paper loaded in the multi-purpose tray.	Set to the paper type loaded. (See page 30)

Cause	Action
The machine's interior is dirty.	If the machine's interior is dirty with ink or there is a build-up of paper dust, your printout may contain ink stains or be smudged. Clean the machine. (See page 121)

Paper Curls

Cause	Action
Paper you are using is too thin.	Use 17 lb.–28 lb. (64 g/m²–105 g/m²) paper for non-Canon branded paper. (See page 21)
You have loaded curled paper in the multi-purpose tray.	Uncurl the paper, then load it into the multi-purpose tray.
You are printing images that use a large quantity of ink such as photographs or pictures.	Use thicker paper such as Photo Paper Plus Glossy or High Resolution Paper.

Outputting Stops While In-progress

Cause	Action
Paper does not feed properly.	See "Cannot Print At All, Cannot Print Correctly," on page 128.
The machine has been printing continuously over a long period.	If so, the print head will overheat. To protect the print head, printing will stop temporarily and resume after a period of time. Interrupt printing when appropriate, turn OFF the machine, and wait at least 15 minutes. A CAUTION The area around the print head may become extremely hot. Do not touch it under any circumstances.

Copying

▶ Problems Copying

Cause	Action
The document is not loaded correctly.	Check that the document is loaded correctly on the platen glass. (See page 19)
The image quality displayed on the LCD is not suitable for the document.	The image quality selection needs to be changed. (See page 32)
The document is not loaded with the side to be copied face down.	Set the side to be copied face down.
The document that is copied has been digitally printed.	Copying an original file may provide improved output quality compared to making a copy of a document that has been digitally printed.

Cause	Action
The platen glass or the inside of the document cover is dirty.	Clean the platen glass and the inside of the document cover. (See page 121)
1, 0	If you are copying documents with fine mode, processing the data will take time, and copying will appear to have stopped. Wait until data is processed. If you are copying a document with a large printing area (with small margins) or are copying multiple sets, copying may stop to allow the ink time to dry.

Memory Card

► Memory Card Problems Memory Card Is Not Recognized

Cause	Action
The memory card is not correctly inserted into the card slot.	 Reinsert the memory card into the appropriate card slot securely. (See page 45) Reinsert the memory card into the card slot with its front side (labeled side) facing outside. (See page 45)
The xD-Picture Card is directly inserted into the card slot.	Remove the memory card, insert it into the CompactFlash card adapter correctly, and insert the CompactFlash card adapter into the card slot. (See page 45)
The memory card or the CompactFlash card adapter (in case of xD-Picture Card) is defective.	Try another memory card, as the first memory card may be damaged. In this case, reformat the memory card with the digital camera. When you reformat the memory card with the digital camera, all the data on the memory card will be deleted. If you can read image data on the computer, reformat the memory card after you have backed up the image data. If you still have problems with another memory card, the CompactFlash card adapter may be defective, or the card is not operating correctly with the machine.

Images On The Memory Card Are Not Recognized

Cause	Action
There is no image on the memory card.	Check if there is any image data on the memory card using your digital camera or computer.
The machine does not support the file format.	The machine does not support file formats other than JPEG (DCF/CIFF/Exif2.2 or earlier/JFIF) format. For a file format other than JPEG, print the images from your computer.
There is some invalid image data on the memory card.	If < NO FILES ON CARD> is displayed on the LCD, there are only invalid images on the memory card. If a message is displayed, see page 146.

Cannot Print Correctly From The Memory Card

Cause	Action
"?" is printed in the index.	The image data does not comply with the DCF (Design Rule for Camera File System: Please see URL http:// www.cipa.jp/exifprint/contents_e/olexif2_e.html) standard, or the image data is not in JPEG format. Check the image data in your digital camera or computer. Or, the size of the image data may be too large. If you cannot print the photograph directly from the machine's card reader, open the data and print it from your computer.

Cannot Write To A Memory Card From PC

Cause	Action
<card protect=""> is set to <on> or Photo Print mode is entered.</on></card>	Press [Additional Functions] and set <card protect=""> to <off>. After switching to another mode, disconnect and reconnect the USB cable.</off></card>
Cannot write to an SD Secure Digital memory card.	If you are using an SD Secure Digital memory card, depending on how you insert it, the write protect lock occasionally may lock. If this occurs, release the SD Secure Digital memory card lock, and while being cautious not to engage the write protect lock, insert the memory card.

Removable Disk Does Not Appear In Windows Explorer

Cause	Action
A drive following the local	If you experience this problem:
volumes and CD-ROM drives is	1. Assign the network drive to a different drive letter.
assigned as a network drive.	2. Restart your computer.

The [Unplug/Eject] Icon Does Not Appear (Windows 2000)

Cause	Action
In the case of a multi-function	You do not need to use the [Unplug/Eject] icon when you turn OFF
machine, the [Unplug/Eject] icon	the machine or disconnect the USB cable.
does not appear even when you	
select [Show Unplug/Eject icon in	
the taskbar] in the [Unsafe	
Removal of Device] dialog box.	
This dialog box displays when you	
turn OFF the machine or	
disconnect the USB cable.	

The Machine Does Not Appear In [Hardware devices] In The [Add/Remove Hardware] Dialog Box (Windows 2000)

Cause	Action
In the case of a multi-function	The [Unsafe Removal of Device] dialog box will display the
machine, the machine does not	message [To safely unplug or eject any of the following devices, first
appear in [Hardware devices] in	use the Hardware wizard in the Control Panel to stop the device].
the [Add/Remove Hardware]	There is however no need to unplug a device with [Add/Remove
dialog box.	Hardware] when you turn OFF the machine or disconnect the USB
	cable.

In Windows Explorer, You Cannot Display [Thumbnails] (Windows 2000)

Cause	Action
	Press [Additional Functions] and set <card protect=""> to <off>. After switching to another mode, disconnect and reconnect the USB</off></card>
of Filoto Filmt mode is emerca.	cable.

The Memory Card Is Recognized As A Drive Other Than [Removable Disk]

Cause	Action
Memory card was inserted in the	Some computers may have this trouble. Remove the memory card
card slot at the time the computer	and restart your computer.
was turned ON.	

Computer Cannot Be Started

Cause	Action
You attempted to turn ON your	Some computers may have this trouble. If a memory card is inserted
computer with a memory card	in the machine and the machine is connected to the computer, your
inserted in the machine.	computer may not start. Remove the memory card, then start the
	computer. In the computer's BIOS settings, if you set up the order so
	that the hard disk that starts Windows starts before the USB device,
	your computer will start even with a memory card inserted in the
	machine. For details on BIOS settings, refer to your computer's
	manual.

Printing (From Computer)

► Problems Printing From Your Computer

Cause	Action
The background of the BJ Status Monitor picture is yellow or red.	Follow the instructions in the BJ Status Monitor. (See Software Guide, located on your Setup CD-ROM) If <service 5100="" error=""> appears: Clear the paper jam (see page 125) or foreign object that is preventing the print head holder from moving, then cancel printing from your computer and press [Set]. If the message remains, press [ON/OFF] to turn OFF the machine, then press again to turn it ON.</service>
Trying to print in DOS.	You can only print in Windows.
Not enough memory in the application.	If other applications are open, close them to increase the available memory. Refer to the application's manual to check the amount of memory required.
The page setting or print setting in the application is incorrect.	Correct the setting, then try to print again. For details, see <i>Software Guide</i> , located on your Setup CD-ROM.
The hard disk does not have enough available space.	Delete unnecessary files to increase the available disk space.
There is a problem with the printer driver.	Uninstall the printer driver and reinstall it. (See <i>Software Guide</i> , located on your Setup CD-ROM)
The printer cable is too long.	Avoid using USB cables longer than 16 3/8 feet (5 m).
Density is set too high.	The printout may curl or smudge if density is set too high in the printer driver. In the Properties dialog box, on the [Main] tab, click [Manual] in [Color Adjustment], then click [Set]. In the [Manual Color Adjustment] dialog box, reduce the density with the Intensity slider. (See <i>Software Guide</i> , located on your Setup CD-ROM)
When printing a specific document, meaningless characters and symbols are printed.	Edit the document and try printing again. If this does not work, there is a problem with the application software. Contact the application software manufacturer.
Print settings are not set correctly in the printer driver.	In the Properties dialog box, on the [Main] tab, click [Settings] and select the appropriate driver settings.
You are printing outside the printable area.	Change the margin settings in the application to keep the document within the recommended printable area.
The [Media Type] setting is incorrect.	In the Properties dialog box, on the [Main] tab, set [Media Type] to the paper type to be printed. (See <i>Software Guide</i> , located on your Setup CD-ROM)
A cause other than the above is suspected.	Restart the computer.

Cannot Print To A Shared Printer

Cause	Action
The server (the computer to which the machine is connected) is not turned ON.	Turn ON the server.
The server is not set up for printer sharing.	Set up the server for printer sharing. (See <i>Software Guide</i> , located on your Setup CD-ROM)
The server is not set up to allow your system access to the shared printer.	Set up the server to allow your system access to the shared printer.

Faxing

► ™ Problems Receiving Faxes

Cannot Receive A Fax, Cannot Print A Fax

Cause	Action
The power is not ON.	Press [ON/OFF] to turn the power ON.
A telephone (or other external device such as an answering machine or computer modem) is connected to the L jack.	Reconnect to the jack (see page 82). When the external device is correctly connected to the machine, the machine stops making noises.
In manual receive mode, the handset was replaced without pressing [Color] or [Black], or dialing the remote receiving ID number.	If you replace the handset without doing either of these things, the call will disconnect. Press [Color] or [Black], or dial the remote receiving ID number before replacing the handset.
Procedure for that receive mode was not carried out correctly.	Check the receive mode displayed on the bottom left of the LCD and follow the procedure for that receive mode. (See page 107) 12/04/2003 THU 15:00 FaxTel STANDARD Receiving mode
The machine's memory is full.	Either print or delete documents in memory (see page 100) to free up memory. Then ask the sender to resend the fax.
There was an error during reception.	Check the LCD for an error message. (See page 143) Print the ACTIVITY REPORT and check for an error. (See page 94)
The telephone line is not correctly connected.	Check that the telephone line is correctly connected. (See page 82)

Cannot Receive Faxes Automatically

Cause	Action
The receive mode displayed on the	If <manual> is displayed, you cannot receive faxes unless you pick</manual>
bottom left of the LCD is not	up the handset and either press [Color] or [Black], or dial the remote
<pre><faxtel>, <faxonly>,</faxonly></faxtel></pre>	receiving ID.
<pre><drpd>, or <ansmode>.</ansmode></drpd></pre>	If you want to receive faxes automatically, which means not having
	to do anything when you are sent a fax, set the receive mode to
	<pre><fax auto="" sw="" tel="">, <fax mode="" only="">, <drpd>, or</drpd></fax></fax></pre>
	<pre><ans.machine mode=""> (see page 107). If set to</ans.machine></pre>
	<ans.machine mode="">, connect an answering machine to the</ans.machine>
	machine (see page 82) and check that a message plays when the
	answering machine answers.

Machine Does Not Switch Automatically Between Voice And Fax Calls

Cause	Action
The receive mode displayed on the	There will be no automatic switching between voice and fax calls
bottom left of the LCD is not	unless the receive mode is set to <fax auto="" sw="" tel="">, <drpd>,</drpd></fax>
<pre><faxtel>, <drpd>, or</drpd></faxtel></pre>	or <ans.machine mode="">. If set to <ans.machine mode="">,</ans.machine></ans.machine>
<ansmode>.</ansmode>	connect an answering machine to the machine (see page 82) and
	check that a message plays when the answering machine answers.
The sender's fax machine is unable	Some fax machines are not able to send CNG signals. If so, receive
to send a CNG signal (the signal	the fax manually. (See page 107)
which indicates that the call is a fax	
call).	

™ Quality Of Received Fax Is Poor

Cause	Action
<ecm rx=""> is set to <off>.</off></ecm>	Set <ecm rx=""> to <on>. (See page 155)</on></ecm>
·	The image quality of the fax is mainly determined by the sender's fax machine. Contact the sender and check whether the scanning area of his/her fax machine is dirty.

© Cannot Receive A Fax Using Error Correction Mode (ECM) Method

Cause	Action
<ecm rx=""> is set to <off>.</off></ecm>	Set <ecm rx=""> to <on>. (See page 155)</on></ecm>
The sender's fax machine is not ECM-compatible.	If the sender's fax machine is not ECM-compatible, the fax will be received in the standard mode without error correction.

Repeated Errors Occur When You Receive A Fax

Cause	Action
The reception start speed <rx speed="" start=""> is set to 33600bps.</rx>	Reduce the reception start speed (see page 156). If there is a bad line or connection, reducing the reception start speed may correct the error.
The sender's fax machine is not operating normally.	Contact the sender and check whether his/her fax machine is operating normally.

► **™** Problems Sending Faxes

EAD Cannot Send A Fax

Cause	Action
The Alarm lamp is flashing.	If it is flashing, see "When The Alarm Lamp Flashes," on page 127.
The telephone line is connected to the jack.	Reconnect to the jack (see page 82). When the telephone line is correctly connected to the machine, the machine stops making noises. If you do not hear anything, there is a problem with the telephone line. Contact your telephone company.
The telephone line type is not set correctly.	You can still receive faxes even if the telephone line type is not set correctly. If you can receive but cannot send, check the telephone line type setting. (See page 83)
The fax number is not registered correctly in the directory.	If you are using directory dialing, check that the fax number is correctly registered. (See page 90)
The dialed number is wrong.	Check the number and try dialing again.
There was an error during transmission.	 Check the LCD for an error message. (See page 143) Print the ACTIVITY REPORT and check for an error. (See page 94)
The recipient's fax machine is not G3-compatible.	Check that the recipient's fax machine is G3-compatible. If not, you will be unable to send faxes.

EXI Cannot Send A Fax Clearly

Cause	Action
The document is not loaded	• Check that the document is loaded correctly on the platen glass.
correctly, or the platen glass or the	(See page 19)
inner side of the document cover is	• Try making a copy. If you can make a clean copy, it is probably that
dirty.	the recipient's fax machine is the source of the problem. Contact the
	recipient to confirm. If you are unable to make a clean copy, clean
	the machine. (See page 121)
The image quality displayed on the	Set an image quality suitable for the document. (See page 97)
LCD is not suitable for the	
document.	
The scan contrast is not suitable for	Set the scan contrast suitable for the document. (See page 97)
the document.	

Cause	Action
The document is not loaded with the side to be scanned face down.	Set the side to be scanned face down.
The scanned area does not cover the entire document.	Place the document approximately 1/8 in. (3 mm) away from the front and right edges of the platen glass.
The document is not set flat on the platen glass.	Press on the document cover with your hand when scanning.
You are scanning thick (max. 3/4 in./20 mm) or curled documents.	Press on the document cover with your hand when scanning.

© Cannot Send A Fax Using Error Correction Mode (ECM) Method

Cause	Action
<ecm tx=""> is set to <off>.</off></ecm>	Set <ecm tx=""> to <on>. (See page 154)</on></ecm>
The recipient's fax machine is not ECM-compatible.	If the recipient's fax machine is not ECM-compatible, the fax will be sent in the standard mode without error correction.

Repeated Errors Occur When You Send A Fax

Cause	Action
The transmission start speed <tx< td=""><td>Reduce the transmission start speed (see page 154). If there is a bad</td></tx<>	Reduce the transmission start speed (see page 154). If there is a bad
START SPEED> is set to	line or connection, reducing the transmission start speed may correct
33600bps.	the error.

► **™Telephone Problems**

Cannot Dial

Cause	Action
The telephone line is not correctly connected.	Check that the telephone line is correctly connected. (See page 82)
The telephone line type is not set correctly.	Make sure the machine is set for the correct telephone line type. (See page 83)

Telephone Disconnects During A Call

Cause	Action
The telephone line or a telephone	If the machine is connected to a table tap or extension cord, make
(or other external device such as an	sure they are connected correctly and, if there is a power switch, that
answering machine or computer	it is ON. And also, check that the telephone line or a telephone (or
modem) is not connected securely.	other external device such as an answering machine or computer
	modem) is connected securely.

► If The Power Disconnects Unexpectedly

Cause	Action
There is a power failure or you	User data and directory dialing settings are stored using the internal
accidentally disconnected the	battery. However, all documents stored in memory will be deleted.
power cord.	If the power disconnects, the following will apply:
	• You will not be able to send or receive faxes or make copies.
	• If a telephone is connected to the machine, you can receive voice calls.
	• Whether you are able to make voice calls or not depends on your telephone type.
	When power is restored, the MEMORY CLEAR REPORT will be
	printed automatically listing the documents deleted from memory.
	Note however that this report will not be printed if the paper size is
	set to a setting other than <ltr> or <a4>, black ink has run low, or</a4></ltr>
	paper has run out. When power is restored, <black ink="" low=""> or</black>
	<load paper=""> will be displayed on the LCD if black ink has run</load>
	low or the paper is not set in the multi-purpose tray. If the LCD
	displays these messages, press [Set] to return to the standby mode. In
	this case, the MEMORY CLEAR REPORT will not be printed even
	if you replace the black ink tank or reload the paper in the
	multi-purpose tray.

Scanning

▶ Problems Scanning

Cause	Action
The USB hub or repeater is defective.	If you can scan documents successfully after connecting the USB cable directly to the computer, the USB hub or repeater may be broken. Replace if necessary.
You cannot scan because the machine is connected to a USB hub.	Connect the USB cable directly to the computer without using a USB hub. To connect to the computer via a USB hub, overwrite the INI file by the following procedure. We recommend that you copy to another folder the files you open in 1., and save the files before overwriting them. 1. In Memo Pad or Text Editor, open the following files. • Windows 98/Me Windows/System/CNCMP51.ini • Windows 2000 Winnt/system32/CNCMP51.ini • Windows XP Windows/System32/CNCMP51.ini 2. Below the last line, add the following two lines, and save the files. Be careful not to overwrite any other portion of the file. [Scan] ReadSize=16
After installing the MP Toolbox and MP Drivers, you installed a TWAIN-compliant application.	After installing the software on the machine, if you install a TWAIN-compliant application, the TWAIN system files may not be correctly overwritten, and thus images may not be scanned. Uninstall the software from the machine, then reinstall it. (See page 72)
The machine is not recognized in the [Scanners and Cameras] window of [Control Panel].	Follow this procedure to check whether the machine icon is present in [Scanners and Cameras] of [Control Panel]: 1. Confirm that the USB cable is connected, and start the computer. 2. For Windows XP, click [Start] on the taskbar, then [Control Panel]. (Other Windows: Click [Start] on the taskbar, point to [Settings], then click [Control Panel].) 3. For Windows XP, in the [Control Panel] window, click [Printers and Other Hardware], then [Scanners and Cameras]. (Other Windows: Double-click [Scanners and Cameras].) 4. In the [Scanners and Cameras] window, if [WIA Canon MP390] (Other Windows: [Canon MP390]) is present, the machine is recognized. If not, uninstall the software and reinstall it. (See page 72)
Memory is insufficient.	Close other open applications and try again.

Cause	Action
The hard disk does not have enough available memory.	Check that the hard disk has enough available memory, in particular when scanning large documents at a high resolution. For example, a letter-size document scanned at 600 dpi, color requires a minimum of 300 MB of memory. If you do not have enough available memory, scan the document at a lower resolution.
The resolution is low.	If the image looks pixilated, increase the scan resolution. (See <i>Software Guide</i> , located on your Setup CD-ROM)
The image is not displayed at 100% magnification in the application.	Display the image at 100% magnification. Some applications do not display a small image very well.
There is moire when you scan printed material.	In ScanGear MP, click [Descreen]. (See <i>Software Guide</i> , located on your Setup CD-ROM)
The monitor display colors are set too low.	In [Display Properties] of your computer, set the display colors to 16-bit color, 24-bit color or higher.
The scanning area is not specified.	In ScanGear MP, click [Multi-Scan] to automatically specify the scan area. If there are white margins around documents such as photographs, or if you want to trim a document (i.e. you want to scan only one part of a document), specify the area of the scan manually. (See <i>Software Guide</i> , located on your Setup CD-ROM)
The scanned area does not cover the entire document.	Place the document approximately 1/8 in. (3 mm) away from the front and right edges of the platen glass.
The color tone displayed in the preview screen differs from that of the original.	Perform calibration to scan the image with the correct color tone. (See <i>Software Guide</i> , located on your Setup CD-ROM)
A cause other than the above is suspected.	Restart the computer.

You Tried To Create A Multi-page PDF, But Were Not Able To Scan Multiple Documents

Cause	Action
The ScanGear MP (Advanced	Because [Automatically quit ScanGear MP after scanning] is
Mode) setting in the [Preferences]	selected in [Preferences] of Advanced Mode, multiple documents
dialog box is incorrect.	cannot be scanned. If you want to scan additional documents, follow
	the steps below to deselect [Automatically quit ScanGear MP after
	scanning] before scanning.
	1. Click a button other than [Settings] on the MP Toolbox.
	The respective setting dialog box is displayed.
	2. Select [Use the scanner driver to make advanced settings]. Then
	click [Start] to open ScanGear MP.
	3. Click the [Settings] tab, then click [Preferences].
	The [Preferences] dialog box is displayed.
	4. Remove the check mark from [Automatically quit ScanGear MP
	after scanning], then click [OK]. Scan documents.

When You Click A Button On The MP Toolbox, An Unwanted Application Opens

Cause	Action
In the MP Toolbox, the application	Click a button on the MP Toolbox, click [Set] on the screen
you want to open is not registered.	displayed, and select the application you want to open for that button. (See <i>Software Guide</i> , located on your Setup CD-ROM)

You Opened The Properties Dialog Box From The [Scanners and Cameras] Icon And Changed The Settings, But The Settings Were Not Activated (Windows 2000)

Cause	Action
The settings are not activated	Once you have changed your settings, restart your computer.
because you have not restarted	
your computer.	

Cannot Scan Correctly With Multi-Scan

Cause	Action
The position or orientation of the documents is incorrect.	Place the documents so that the position and orientation of the documents meet the following requirements. • There should be a gap of at least 3/8 in. (1 cm) between the edge of the platen glass and documents. • There should be a gap of at least 3/8 in. (1 cm) between the edges of the documents. • There should be 10 documents or less. • The documents should be straight (any tilting should be kept within 10 degrees).
The document is not set flat on the platen glass.	Press on the document cover with your hand when scanning.
You are using an application that cannot scan multiple images successively.	Be sure that you're scanning using ScanGear MP. If not, check the application's manual or contact the application software manufacturer.
You are scanning thick (max. 3/4 in./20 mm) or curled documents.	Press on the document cover with your hand when scanning.
The document is smaller than $3/8$ inch $(1 \text{ cm}) \times 3/8$ inch (1 cm) .	You cannot use Multi-Scan for documents smaller than $3/8$ inch $(1 \text{ cm}) \times 3/8$ inch (1 cm) . Scan each document separately.
You are scanning a document whose long side is four or more times longer than the short side.	You cannot use Multi-Scan if the long side of the document is four or more times longer than the short side. Scan each document separately.

Scanned Image Is Displayed Large (Small) On The Computer Screen

Cause	Action
The image is displayed large (small) in the application.	Enlarge or reduce the image display in the application.
The output print size or scale is too large or too small.	The image will be large if the print size or scale is large. It will be small if the print size or scale is small. Set the print size or scale as necessary. (See <i>Software Guide</i> , located on your Setup CD-ROM)

LCD Messages

Below is a list of messages that are displayed on the LCD when a problem occurs. Check the cause of the error and take corrective actions according to the list.

Message	Cause	Action	Details
AUTO REDIAL	The machine is waiting to redial the recipient's number because the line was busy or the recipient did not answer when you tried to send a document.	Wait for the machine to automatically redial the number. If you want to cancel automatic redialing, wait until the machine starts dialing the number, press [Stop/Reset], then follow the instructions on the LCD. You can also delete the document from memory.	page 99, page 154
BLACK INK CHANGED?	_	If you replaced the black ink tank, press [◀]. If you did not, press [▶].	page 110
BLACK INK LOW	The ink level in the black ink tank is low.	Make sure you have a new black ink tank ready to replace the used one when ink runs out. If the machine stops printing when copying or photo printing, you can continue printing by pressing [Set]. However, note that ink may run out. If print quality deteriorates or the printout is blank, replace the ink tank.	page 110
BUSY/NO SIGNAL	The telephone number you dialed is busy.	Try sending the document at a later time.	page 99
	The fax number dialed was incorrect.	Check the fax number and dial again.	_
	The recipient's fax machine is not working.	Contact the recipient and have them check their fax machine.	_
	The recipient is not using a G3 machine.	Contact the recipient and ask them to send or receive the document using a G3 machine.	page 136
	The touch tone/rotary pulse setting on your machine is incorrect.	Set your machine to the setting that matches your telephone line.	page 83, page 154
	The receiving fax machine did not answer within 55 seconds (after all automatic redialing attempts).	Contact the recipient and have them check their fax machine. For an overseas call, add pauses to the registered number.	_

Chapter 13 Troubleshooting 143

Message	Cause	Action	Details
CANNOT USE THIS CARD TURN OFF AND ON	You have inserted a damaged or incompatible memory card into the card slot.	Remove the memory card from the card slot, then turn the power OFF and ON again.	page 45
CARD READER BUSY	You tried to start photo printing when the card slot was in use by the computer.	Wait until the card slot is no longer being used by the computer.	_
CARTRIDGE JAMMED	The print head holder cannot move. This is normally due to a paper jam.	Clear the paper jam or whatever is obstructing the print head holder and then press [Set]. Do not attempt to move the print head holder manually.	page 125
CHANGE PAPERSIZE: FAX	The paper size setting is set to a size other than letter or A4.	Set the paper size setting to letter or A4 and load paper of the same size. The received fax will then be printed automatically.	page 30
CHECK PAPER SIZE PRESS SET KEY	The size of the paper in the multi-purpose tray and that specified in the paper size setting are different.	Load the correct paper size or change the paper size setting. Then press [Set].	page 30
CHECK PRINTER	For some reason, the machine cannot operate.	Turn OFF the machine, then ON. If the problem is not resolved, contact the Canon Customer Care Center.	_
CLEAR PAPER JAM PRESS SET KEY	There is a paper jam.	Clear the paper jam and reload paper in the multi-purpose tray. Press [Set].	page 125
COLOR INK CHANGED?		If you replaced the color ink tank, press [◀]. If you did not, press [▶].	page 110
COLOR INK LOW	The ink level in the color ink tank is low.	Make sure you have a new color ink tank ready to replace the used one when ink runs out. If the machine stops printing when copying or photo printing, you can continue printing by pressing [Set]. However, note that ink may run out. If print quality deteriorates or the printout is blank, replace the ink tank.	page 110
COVER OPEN	You opened the scan unit during an operation.	Return the scan unit to its original position.	_

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Message	Cause	Action	Details
DATA IN MEMORY CANNOT TURN OFF	You are unable to turn OFF the machine with [ON/OFF] when documents are saved in memory.		_
ECM RX	The machine is receiving a fax using Error Correction Mode (ECM).	ECM receptions may take longer than normal receptions. Set <ecm rx=""> to <off> if you need to receive quickly, or if you know your local lines are in good condition.</off></ecm>	page 155
ECM TX	The machine is sending a fax using Error Correction Mode (ECM).	ECM transmissions may take longer than normal transmissions. Set <ecm tx=""> to <off> if you need to transmit quickly, or if you know your local lines are in good condition.</off></ecm>	page 154
HANG UP PHONE	The handset is not placed in the handset cradle correctly.	Replace the handset correctly.	_
INK TANK CHANGED?	You returned the scan unit to its original position after replacing an ink tank or clearing a paper jam.	If you replaced an ink tank, press [◀]. If you did not, press [▶].	page 110
INSERT PHOTO CARD	There is no memory card in the card slot.	If you want to photo print from a memory card, insert one (in a CompactFlash card adapter as necessary) into the card slot.	page 45
INVALID KEY/ SETTING	An invalid key was pressed or an invalid setting was selected.	Check the key you want to press or the setting you want to enter.	_
LOAD PAPER (PLEASE LOAD PAPER AND PRESS SET OR START KEY)	The multi-purpose tray is empty.	Load paper in the multi-purpose tray. Make sure the stack is below the paper limit mark. Press [Set], or press [Black] or [Color].	page 27
MACHINE IN USE CANNOT TURN OFF	You are unable to turn OFF the machine with [ON/OFF] because the machine is performing an operation.	The machine is performing an operation. Wait until the operation has finished, then turn OFF the machine.	

Chapter 13 Troubleshooting 145

Message	Cause	Action	Details
MEMORY FULL	The machine's memory is full because you tried to copy too many pages at once or a very detailed document.	Divide the document and copy each part separately.	_
	The image data is too large to print from your machine.	Print the image data from your computer.	_
	The machine's memory is full because it has received too many documents, or a very long or detailed document.	Contact the sender and have him/her divide and resend them.	_
	In photo print mode, you tried to print photographs when the machine's memory was full of received faxes yet to be deleted, or documents waiting to be redialed.	Print any documents stored in memory. Then start again.	page 100
NO ANSWER	The recipient's fax machine does not answer.	Check the number. Try dialing again after waiting for a moment.	_
NO DATA	The fax/telephone number is not registered in the directory.	Register the fax/telephone number in the directory.	page 87
NO FILES ON CARE	There are no available files on the memory card.	Make sure you have recorded images in the appropriate format on the memory card.	page 44
PRESS BLACKSTART KEY	[Color] is pressed.	Press [Black].	_
PRESS COLORSTART KEY	[Black] is pressed.	Press [Color].	_
PROBLEM READING CARD REINSERT MEMORY CARD	The data on the memory card may be inaccessible.	Check the data on the memory card in your digital camera.	_
PROBLEM READING CARD TURN OFF AND ON	There is a problem with the card slot.	Try switching to another mode or turning the machine OFF and ON. If the message remains, contact the Canon Customer Care Center.	_
PUT IN CARTRIDGE	There is no print head installed in the machine.	Install the print head.	Set-Up Sheet
RECEIVED IN MEMORY	The machine received the fax in memory because paper or	Load paper in the multi-purpose tray.	page 27,
	ink has run out, or a paper jam occurred.	Replace an ink tank. Clear the paper jam.	page 110, page 125

Troubleshooting Chapter 13

Message	Cause	Action	Details
TRY AGAIN IN B&W	The recipient's fax machine is not color-compatible.	Press [Black] to resend the faxes.	_
TX/RX CANCELLED	You pressed [Stop/Reset] to cancel the transmission.	If required, try sending or receiving again.	_
TX/RX NO.	When the machine sends or receives a fax, it assigns a unique identification number (nnnn).	Write the number down if you will need it later.	page 102
WASTE INK NEAR FULL	The waste ink tank (which holds the ink used for print head cleaning) is nearly full.	Contact the Canon Customer Care Center.	_
WRONG CARTRIDGE	The print head is not installed correctly.	Install the print head. If the message remains on the LCD, the print head may be defective. Contact the Canon Customer Care Center.	

Cannot Print Properly From A Digital Camera

The following messages may be displayed on the Canon "Bubble Jet Direct" compatible digital camera or digital video camcorder when images are printed directly from them. Take the appropriate action to correct the error.

- Different messages may be displayed on "PictBridge" compatible digital cameras or digital video camcorders. Refer to the user's manual for the digital camera or digital video camcorder.
- Images can be printed directly from "PictBridge" and Canon "Bubble Jet Direct" compatible digital cameras and digital video camcorders connected to this machine.
- If the operation time or data transmission time is too long when the digital camera or digital video camcorder is connected to this machine, a communication time error may occur and no more images can be printed. If this error occurs, disconnect all connected cables, press [Stop/Reset], then reconnect the cables. The digital camera will automatically turn ON. If not, turn it ON.
- A low ink warning is not displayed on the digital camera or digital video camcorder.
- After replacing an ink tank, disconnect the digital camera from the machine and reset the ink counter. (See page 112)
- If the ink counter is not reset, the remaining ink level may not be displayed properly.
- For more details, refer to the user's manual for the digital camera or digital video camcorder. For a problem with the digital camera or digital video camcorder, contact the service center for the camera.

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Error Message On Camera	Cause	Action
Printer in use	Images are being printed from the computer.	Wait until printing ends.
Printer warming up.	Printer is warming up for printing.	Wait until warm-up ends.
No paper	No paper is loaded.	Load the paper in the multi-purpose tray and press [Set].
Paper jam	A paper jam has occurred in the machine.	Remove the jammed paper, load new paper, and press [Set].
Printer cover open	The scan unit is open.	Return the scan unit to its original position.
No print head	No print head is installed.The print head is defective.	Install a print head.Contact the Canon Customer Care Center.
Waste tank full	The waste ink tank is nearly full.	Press [Stop/Reset] on the machine to recover from the error. Printing can continue for a little while. However, when the waste tank becomes full, printing will be disabled. Contact the Canon Customer Care Center as soon as possible.
Paper lever error	Incorrect position of the paper thickness lever.	Adjust the paper thickness lever to the left position (for plain paper).
Printer error	An error requiring servicing has occurred.	Turn OFF the machine, unplug the power cord from the power supply, plug the power cord back in after 15 seconds, and then turn ON the machine. If the same error occurs, contact the Canon Customer Care Center.

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14 Appendix

This section describes how to change the machine settings, and provides a description of each setting item.

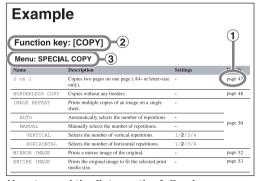
How To Change Settings And Explanation Of Their Content

Before changing any settings, you can print the USER'S DATA LIST to check the current settings of your machine. For details, see page 94.

Accessing The Machine Settings

Follow this procedure to change the settings of each mode:

- 1 Refer to the function lists on the following pages to find the setting you want to change.
- 2 If there is a reference for the setting ①, refer to that page for more details. If not, confirm the function key ② and menu ③ at the top of the list where the setting and the description of the setting are located.



How to read the lists on the following pages

- **3** Press [COPY], [FAX], [PHOTO PRINT] or [Additional Functions], depending on the function key ②.
- If you press [COPY], [FAX] or [PHOTO PRINT]:
 - 1. Press [Menu] repeatedly until the menu ③.
 - 2. Use [◀] or [▶] to select the setting you want to change.
 - 3. Go to step 4.

• If you press [Additional Functions]:

- 1. Use [◀] or [▶] to select the menu ③ with the setting you want to change.
- 2. Go to step 4.

4 Press [Set].

If you have completed selecting the setting, go to step 6.

5 Scroll through and register settings by the following operations.

- Use [◀] or [▶] to scroll through settings.
- To register a setting or access sub-settings, press [Set]. To further access sub-settings, repeat this operation.
- If you select the wrong setting, press [Stop/Reset] and repeat the procedure from step 3.

6 When you have finished, press [Stop/Reset], if necessary.

NOTE

The asterisk $< \times >$ on the LCD indicates the current setting.

Settings

To find the setting you want to change, see the following menu lists.

NOTE

- Default settings are shown in **bold** type.
- The settings changed using [Additional Functions] and [Menu] are not returned automatically to the settings you set previously. Change to the previous settings again if necessary.

Function Key: [COPY] Menu: ENLARGE/REDUCE

Name	Description	Settings	Details
PRESET RATIO	Makes enlarged or reduced copies at preset ratios.	25% MIN. 95% A4 → LTR 100% 170% 5"×7" → LTR 212% 4"×6" → LTR 400% MAX.	page 33
ZOOM	Makes enlarged or reduced copies at ratios between 25% and 400%.	25% to 400%	page 34
FIT-TO-PAGE	Automatically reduces or enlarges an image to fit on the specified paper size.	_	page 35

Menu: PAPER SELECT

For details, see page 30.

Menu: DENSITY For details, see page 33.

Menu: IMAGE QUALITY

For details, see page 32.

Menu: SPECIAL COPY

Name	Description	Settings	Details
2 on 1	Copies two pages on one page (letter- or A4-size only).	_	page 36
BORDERLESS COPY	Copies without any borders.	_	page 37
IMAGE REPEAT	Prints multiple copies of an image on a single sheet.	_	page 39
AUTO	Automatically selects the number of repetitions.	_	_
MANUAL	Manually selects the number of repetitions.	_	_
VERTICAL	Selects the number of vertical repetitions.	1/2/3/4	_
HORIZONTAL	Selects the number of horizontal repetitions.	1/2/3/4	
MIRROR IMAGE	Prints a mirror image of the original.	_	page 41
ENTIRE IMAGE	Prints the original image to fit the selected paper size.	_	page 42

Function Key: [FAX] Menu: PAPER SELECT

For details, see page 108.

Menu: SCAN CONTRAST

For details, see page 97.

Menu: FAX RESOLUTION

For details, see page 97.

Function Key: [PHOTO PRINT]

Menu: PHOTO PRINT MODE

Name	Description	Settings	Details
INDEX	Prints thumbnails of all the images stored on the memory card, assigning a number to each thumbnail.	_	page 57
SELECT PAPER SIZE	Selects the paper size for the index.	LTR 4"×6" 5"×7" A4	-

Name	Description	Settings	Details
SELECT PAPER TYPE	Selects the paper type for the index.	PHOTO PAPER PRO PLAIN PAPER* HIGH RES. PAPER* PHOTO PAPER PLUS GLOSSY* OTHER PHOTO PAPER	page 57
PRINT DATE	Enables/disables date printing.	ON OFF	page 49
VIVID PHOTO	Enables/disables making colors, especially blues and greens, appear more vibrant.	ON OFF	page 48

^{*} Available only when <LTR> or <A4> is selected for the paper size.

Menu: ALL IMAGES

For details, see page 54.

Menu: SINGLE IMAGE

For details, see page 59.

Menu: SELECT RANGE

For details, see page 61.

Menu: DPOF

For details, see page 64.

Function Key: [Additional Functions]

Menu: FAX SETTINGS
Menu: RECEIVE MODE

Name	Description	Settings	Details
FAX/TEL AUTO SW	Selects <fax auto="" sw="" tel=""> receive mode.</fax>	_	page 105
FAX ONLY MODE	Selects <fax mode="" only=""> receive mode.</fax>	_	page 105
DRPD	Selects <drpd> receive mode.</drpd>	_	page 106
MANUAL MODE	Selects <manual mode=""> receive mode.</manual>	_	page 106
ANS.MACHINE MODE	Selects <ans.machine mode=""> receive mode.</ans.machine>	_	page 106

Menu: MEMORY REFERENCE

Name	Description	Settings	Details
REPRINT SAVED FAX	Reprints all the printed documents stored in memory.	_	_

Name	Description	Settings	Details
PRINT DOCUMENT	Selects a document stored in memory and prints it.	_	page 100
TX/RX NO.	Selects the transaction number (TX/RX NO.) of the document you want to print.	_	
DOC. MEMORY LIST	Prints the DOC. MEMORY LIST.	_	page 100
DELETE DOCUMENT	Deletes a document in memory.	_	page 100
ALL PRINTED DOCS.	Deletes all the printed documents stored in memory.	_	
1 DOCUMENT	Deletes a single document stored in memory.	_	='

Menu: REPORTS/LISTS

Name	Description	Settings	Details
ACTIVITY REPORT	Prints an ACTIVITY REPORT.	_	page 94
DIRECTORY DIAL	Prints the DIRECTORY DIAL list.	_	page 90
SORTED OUTPUT	Selects the order of the destinations in the list. <yes> prints the list with the destination names in alphabetical order. <no> prints the list with the numerical order (01-40) in the directory.</no></yes>	YES NO	
USER DATA LIST	Prints the USER'S DATA LIST.	_	page 94
DOC. MEMORY LIST	Prints the DOC. MEMORY LIST.	_	page 100

Menu: TEL# REGISTRATION

Name	Description	Settings	Details
01-40	Numbers assigned to the fax/telephone numbers registered in the directory. Register a fax/telephone number in the directory.	_	page 87
TEL NUMBER ENTRY	Registers a fax/telephone number for directory dialing.	_	_
NAME	Registers a name for a fax/telephone number registered in the directory.	_	_

Menu: USER SETTINGS

Name	Description	Settings	Details
DATE/TIME SETTING	Sets the current date and time.	_	page 86
DATE SETUP	Selects the date format displayed on the LCD and printed on faxes you send.	MM/DD/YYYY DD/MM YYYY YYYY MM/DD	_
UNIT TEL NUMBER	Enters the fax/telephone number printed on faxes you send.	_	page 86

Name	Description	Settings	Details
UNIT NAME	Enters the name printed on faxes you send.	_	page 86
TX TERMINAL ID	Prints sender information at the top of each fax you send.	_	_
TTI POSITION	Selects the position of the sender information (outside or inside the image area) when sending black & white faxes. (Automatically set inside the image area for color faxes.)	OUTSIDE IMAGE INSIDE IMAGE	_
TEL NUMBER MARK	Selects the mark to appear before the fax/telephone number printed on faxes you send.	FAX TEL	_
OFFHOOK ALARM	Enables/disables the alarm that alerts you if the handset of the telephone connected to the machine is not hung up properly.	ON OFF	_
VOLUME CONTROL	Sets the CALLING VOLUME and LINE MONITOR VOL.	_	_
CALLING VOLUME	When the machine is set to ring, selects the ring volume.	1/2/3	_
LINE MONITOR VOL.	Selects the line monitor volume while dialing.	0/1/2/3	_
RX CALL LEVEL	Selects the ring type for incoming call.	HIGH STANDARD	_
TEL LINE TYPE	Selects the telephone line type setting for your machine.	TOUCH TONE ROTARY PULSE	page 83
ACTIVITY REPORT	Enables/disables automatic printing of an ACTIVITY REPORT after every 20 transactions.	AUTO PRINT ON AUTO PRINT OFF	_

Menu: TX SETTINGS

Name	Description	Settings	Details
ECM TX	Enables/disables Error Correction Mode (ECM) sending.	ON OFF	page 103
PAUSE TIME	Selects the pause length when you press [Redial/Pause].	1 to 15SEC (2 SEC)	_
AUTO REDIAL	Enables/disables automatic redialing.	ON OFF	page 99
REDIAL TIMES	If you select <on>, selects the number of redialings.</on>	1 to 10TIMES (2TIMES)	
REDIAL INTERVAL	If you select <on>, selects the length of time between redialings.</on>	2 to 99MIN. (2 MIN.)	
TX START SPEED	Selects the speed at which the machine starts transmitting.	33600bps 14400bps 9600bps 7200bps 4800bps 2400bps	_

N	ame	Description	Settings	Details
T.	X REPORT	Enables/disables automatic printing of a transmission report after sending.	PRINT ERROR ONLY OUTPUT YES OUTPUT NO	_
	REPORT WITH TX IMAGE	If you select <print error="" only=""> or <output yes="">, selects whether the first page of the fax is printed under the report (black & white faxes only).</output></print>	ON OFF	

Menu: RX SETTINGS

Name	Description	Settings	Details
ECM RX	Enables/disables Error Correction Mode (ECM) during reception.	ON OFF	page 103
FAX/TEL AUTO SW	If you select <fax auto="" sw="" tel=""> as the receive mode, customizes its settings.</fax>	_	_
RING START TIME	Selects the time the machine takes to check whether a call is a fax or voice call.	0 to 30SEC (8 SEC)	•
F/T RING TIME	Selects the ring length for voice calls.	10 to 45SEC (15 SEC)	•
F/T SWITCH ACTION	Selects whether the machine switches to receive mode after the ring time has elapsed, or whether it disconnects the call.	RECEIVE DISCONNECT	•
DRPD:SELECT FAX	If you select <drpd> as the receive mode, select the ring pattern for the machine.</drpd>	DOUBLE RING SHORT-SHORT-LONG SHORT-LONG-SHORT OTHER RING TYPE NORMAL RING	—
INCOMING RING	If you select <fax auto="" sw="" tel="">, <drpd> or <fax mode="" only=""> as the receive mode, enables/disables ringing for fax calls. (A telephone must be connected to your machine for ringing to occur.)</fax></drpd></fax>	OFF ON	_
RING COUNT	If you select <on>, selects the number of rings for fax calls.</on>	1 to 99TIMES (2TIMES)	•
MAN/AUTO SWITCH	If you select <manual mode=""> as the receive mode, selects whether the machine switches to fax receive mode after ringing for a specified length of time.</manual>	OFF ON	_
F/T RING TIME	If you select <on>, selects the length of time the machine rings before switching to fax receive mode.</on>	5 to 99SEC (15 SEC)	
REMOTE RX	Enables/disables remote receiving.	ON OFF	_
REMOTE RX ID	If you select <on>, selects the remote receiving ID.</on>	00 to 99 (25)	-

Name	Description	Settings	Details
RX REDUCTION	Enables/disables automatic reduction of faxes to fit the paper loaded.	ON OFF	_
SELECT REDUCE DIR	Selects the direction of the reduction.	VERTICAL ONLY HORIZ & VERTICAL	
RX START SPEED	Selects the speed at which the machine starts receiving.	33600bps 14400bps 9600bps 7200bps 4800bps 2400bps	_
RX REPORT	Enables/disables automatic printing of a reception report after receiving.	OUTPUT NO PRINT ERROR ONLY OUTPUT YES	_

Menu: INK VOLUME

Name	Description	Settings	Details
LOW INK WARNING	Selects whether to notify you when the ink is running low.	ON OFF	page 109
INK COUNT RESET	Resets the ink counter for the ink tanks.	_	page 112
BLACK INK CHANGED?	Selects whether to reset the ink counter for the black ink tank.	YES NO	
COLOR INK CHANGED?	Selects whether to reset the ink counter for the color ink tank.	YES NO	

Menu: MAINTENANCE

Name	Description	Settings	Details
NOZZLE CHECK	Prints the nozzle check pattern.	_	page 115
CLEANING	Performs normal print head cleaning.	_	page 117
HEAD REFRESHING	Performs deep print head cleaning.	_	page 117
ALIGN PRINT HEAD	Aligns the print head.	_	page 118
HORIZ. PATTERN	Prints the horizontal line patterns.	_	-
CHANGE H VALUE	Aligns the print head when the pattern is not uniform.	A,B,C,D,E: -3 to +7 F,G,H,I,J,K: -5 to +5	
ROLLER CLEANING	Cleans the roller.	_	page 121
CALIBRATION	Reduces the difference in the color tone copied or scanned and the color tone printed.	_	page 119

Menu: QUIET PRINTING

Name	Description	Settings	Details
_	Enables/disables quiet printing mode (reduces the	ON	_
	noise when printing).	OFF	

Menu: EXTENSION AMOUNT

Name	Description	Settings	Details
_	For borderless printing or copying, selects the amount of image that extends off the paper.	SMALL LARGE	page 47

Menu: AUDIBLE TONES

Name	Description	Settings	Details
KEYPAD VOLUME	Selects the beep volume when pressing the keys on the operation panel.	0/1/ 2 /3	_
ALARM VOLUME	Selects the alarm volume.	0/1/ 2 /3	_

Menu: CARD PROTECT

Name	Description	Settings	Details
_	Enables/disables overwriting memory card data in	ON	Software
	all modes except photo print mode.	OFF	Guide

Menu: DISPLAY LANGUAGE

Name	Description	Setting	Details
<u> </u>	Selects the language for LCD messages.	ENGLISH	_
		FRENCH	
		SPANISH	
		PORTUGUESE	

Menu: DAYLGHT SAV TIME

N	ame	Description	Settings	Details
D.	AYLGHT SAV TIME	Enables/disables daylight saving. If you select <on>, you can select additional sub-settings.</on>	ON OFF	page 91
	START DATE/ TIME	Sets the date and time that daylight saving begins.	_	
	END DATE/TIME	Sets the date and time that daylight saving ends.	_	

Menu: POWER SAVE TIMER

Name	Description	Setting	Details
_	Sets the time until Power Save mode is enabled.	1 HOUR 4 HOURS 8 HOURS	page 120

Settings For Paper Types

For Copying

Paper Type Displayed On LCD	Suitable Paper Types
PLAIN	Suitable for plain paper.
GLOSSY	Suitable for Glossy Photo Paper.
HIGH RES.	Suitable for High Resolution Paper.
TRANS.	Suitable for Transparencies.
PHOTO PRO	Suitable for Photo Paper Pro.
PHOTO PLUS	Suitable for Photo Paper Plus Glossy.
OTHER	Suitable when using photo paper other than that described above (such as Matte Photo Paper), or if you do not know the paper type.

NOTE

In order to obtain optimal quality print results when copying photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.

For Photo Printing

Paper Type Displayed On LCD	Suitable Paper Types
PHOTO PAPER PRO	Suitable for Photo Paper Pro.
PLAIN PAPER	Suitable for plain paper.
HIGH RES. PAPER	Suitable for High Resolution Paper.
PHOTO PAPER PLUS	Suitable for Photo Paper Plus Glossy.
GLOSSY	Suitable for Glossy Photo Paper.
OTHER PHOTO PAPER	Suitable when using photo paper other than that described above (such as Matte Photo Paper), or if you do not know the paper type.

NOTE

- In order to obtain optimal quality print results when printing photographs, use Canon-recommended Photo Paper Pro or Photo Paper Plus Glossy.
- We do not recommend using plain paper for photo printing.

For Photo Index Sheet Printing

(1) IMPORTANT

For printing a Photo Index Sheet, use only white plain paper. If you print a Photo Index Sheet on paper such as recycled paper that is not very white, it may not be read correctly by the machine.

Paper Type Settings Available	Suitable Paper Types
Plain Paper	Suitable for plain paper.
Photo Paper	Suitable for Photo Paper Pro and Photo Paper Plus Glossy.

Displaying Electronic Manuals Stored On The Setup CD-ROM

1 Insert the Setup CD-ROM into the disk drive.

The Setup screen is displayed.

If this screen is not displayed, on the Windows desktop, click [Start], then click [My Computer] for Windows XP (other Windows: double-click [My Computer]). Open the CD-ROM icon, then double-click [Setup (Setup.exe)].



IMPORTANT

- The electronic manuals are included in PDF and HTML format on the Setup CD-ROM.
- To view the manuals in PDF format, Adobe Acrobat Reader must be installed. If you do not have Adobe Acrobat Reader installed, in the Setup screen, click [Install Utility Software] to install the software.
- 2 In the Setup screen, click [View User's Manual].
- 3 In the [View User's Manual] screen, click the button of the electronic manual you want to view.

You can copy the electronic manuals, such as the *Software Guide* and *Photo Application Guide*, to your computer and display start-up icons for the respective manual on the Windows desktop.

NOTE

To copy the manual, your computer must have 35 MB or more of available hard disk space.

Copying manual to your computer:



- 1. Click [Yes].
- The electronic manual will be displayed after it is copied onto your computer's hard disk
- As you copy them, a start-up icon for each manual will be placed on the Windows desktop.

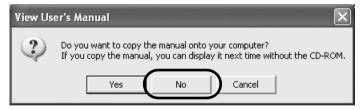


Double-click the icon of the electronic manual you want to open.

NOTE

Go to the following folder if you want to delete the copied manual. \Program Files\Canon\MP Drivers\MP390360

• Not copying manual to your computer:



1. Click [No].

The electronic manual will be displayed without being copied onto your computer's hard disk.

► ► About The Software Guide

The *Software Guide* is a PDF file included on the Setup CD-ROM. This guide contains the following information:

Chapter 1, Installing

- -System requirements and software
- -Installing the software
- -Checking installation
- -Reading from or writing to a memory card
- -Setting the default printer
- -Removing and Reinstalling the software

• Chapter 2, Printing

- -Printing documents
- -Changing print settings (Opening the settings dialog box)
- -Setting the paper type and print quality/[Main] tab
- -Setting page size and number of copies/ [Page Setup] tab
- -Selecting a stamp/[Stamp/Background] tab
- -Selecting a background/[Stamp/Background] tab
- -Setting special effects/[Effects] tab
- -Saving settings as a print profile/[Profiles] tab
- -Cleaning and printer settings/[Maintenance] tab
- -Checking the status of the machine with the BJ Status Monitor
- -Sharing the printer and using it on a network

Chapter 3, Scanning

- -Scanning with the Operation Panel
- -Scanning with the MP Toolbox
- -MP Toolbox settings
- -Scanning an image from an application
- -Creating one PDF file from two or more pages
- -Scanning two or more small documents at one time
- -Setting preferences and scanning with ScanGear MP
- -Scanning with the WIA driver (Windows XP only)

Chapter 4, Faxing

- -Sending a fax
- -Registering or editing a recipient in the Address Book
- Troubleshooting
- Glossary
- Index

▶ ■ About The Photo Application Guide

The *Photo Application Guide*, an HTML file included on the Setup CD-ROM, describes the utility software and how to use each software. On the first screen that appears when the *Photo Application Guide* starts, clicking the title or introduction of each application displays the screen describing the corresponding application. On this screen, click respective items to display detailed explanations of the functions, illustrations of the setup sheets, or explanations of the setting procedure.

▶ Using The Online Help

When printing a document from the computer, you can use the online Help provided on the Properties dialog box of the application used to print the document. The online Help displays descriptions of the setting items of the Properties dialog box.

To display the online Help, click [Help] at the lower right corner of the dialog box. In the [Help] dialog box, click the item you want to check. The detailed explanation of the item is displayed. Also, clicking the [?] button at the upper right corner of the Properties dialog box and then clicking the item you want to check displays the detailed explanation of the item.

▶ Using The Utility Software

Included on the Setup CD-ROM are the utility software.

To install the utility software, on the Setup screen, click [Install Utility Software].

Software included on the Setup CD-ROM:

● Easy-PhotoPrint/Easy-PhotoPrint Plus

Easy-PhotoPrint allows you to make high-quality borderless (full page) prints easily by simply selecting the paper type and image taken with your digital camera.

Easy-PhotoPrint Plus allows easy Red-eye reduction and Digital Face Smoothing.

Easy-WebPrint

Easy-WebPrint allows you to print a whole web page from Internet Explorer quickly and easily.

● ScanSoft OmniPage SE

ScanSoft OmniPage SE is an OCR (Optical Character Recognition) program which can convert the text in books or newspaper characters into editable text.

ArcSoft PhotoStudio

ArcSoft PhotoStudio allows you to import images from your digital camera to enhance them in various ways, blend them together, convert their data format, or add them to an album.

Adobe Acrobat Reader

The Adobe Acrobat Reader displays documents in PDF (Portable Document Format) form.

▶ Safety Information

Please read the safety warnings and cautions provided in this guide to ensure that you use your machine safely. Do not attempt to use the machine in any way not described in this guide.

WARNING

You may cause an electric shock/fire or damage the machine if you ignore any of these safety precautions.

Location

Do not place the machine close to flammable solvents such as alcohol or thinners. If flammable substances come into contact with electrical parts inside the machine, it may result in fire or electrical shock.

Power supply

Never attempt to plug or unplug the machine from the power supply when your hands are wet. This may result in electrical shock.

Always push the plug all the way into the power outlet. If the prongs of the power plug come into contact with metal objects, it may result in fire or electrical shock.

Never damage, modify, stretch or excessively bend or twist the power cord. Do not place heavy objects on the power cord. These actions may cause electrical damage and result in fire or electrical shock.

Never plug the machine into a power socket that is shared with other equipment (extension lead/cord, 2- or 3-way adapter, etc.). This may result in fire or electrical shock.

Plug the machine into a standard 120V AC, 60 Hz, two-prong grounded outlet. Operate the machine only from the type of power source indicated on the machine's label or a fire, electrical shock, or malfunction may occur. If you are unsure of the type of power available, consult your local power company.

Do not allow the power cord to be near objects that emit heat. The outer cover of the power cord may melt resulting in fire or electrical shock.

Never use the machine if the power cord is bundled or knotted. Knots in the cord may result in fire or electrical shock.

If you detect smoke, unusual smells or strange noises around the machine, immediately unplug the machine at the power supply and contact the Canon Customer Care Center at 757-413-2848. Using the machine in such conditions may result in fire or electrical shock.

Periodically, unplug the machine and use a dry cloth to wipe off any dust or dirt collected on the plug and the power outlet.

If the machine is placed at a location exposed to a lot of dust, smoke, or high humidity, the dust collected on the plug absorbs moisture and may cause insulation failure and fire.

Maintenance

Do not service the machine yourself except as specifically described in this guide. If further servicing is required, contact the Canon Customer Care Center at 757-413-2848.

When storing the machine, choose a location where the machine is not exposed to dust. Dust accumulation may prevent the machine from operating properly.

Use a damp cloth to clean the machine. Never use flammable solvents such as alcohol, benzene or thinners. If flammable solvents come in contact with electrical components inside the machine, it could cause a fire or electrical shock.

Always turn OFF the power and unplug the machine from the power outlet before cleaning the machine.

If you accidentally switch the machine ON while cleaning it, it may result in injury or damage the machine.

Handling

Do not attempt to disassemble or modify the machine. There are no user serviceable parts inside the machine.

The machine contains high-voltage components. Never attempt any maintenance procedure not described in this guide. Incorrect maintenance procedures may damage the machine, or cause a fire or electrical shock.

Do not drop paper clips, staples, or other metal objects inside the machine. Also do not spill water, liquid, or flammable substances inside the machine. If these items come into contact with high-voltage parts inside the machine, it may result in fire or electrical shock. If these items are dropped or spilled in the machine, turn OFF the power and unplug the power cord immediately with dry hands. Then contact the Canon Customer Care Center at 757-413-2848.

Do not use flammable sprays near the machine.

This could cause a fire or electrical shock if the spray comes into contact with electrical components inside the machine.

There are high-voltage components inside the machine. If you are looking inside the machine to clear paper jams etc., do not allow metal objects such as jewelry to come into contact with the inside of the machine. Contact may result in burns or electrical shock.

Others

This product emits low level magnetic flux. If you use a cardiac pacemaker and feel abnormalities, please move away from this product and consult your doctor.

When setting the machine near electric products with fluorescent lighting, separate the machine at least 5 7/8 inches (15 cm) from electric products equipped with fluorescent lighting. If you place it near to them, the machine may malfunction as a result of the noise emitted by the fluorescent lighting.

When turning OFF the power, be sure to press [ON/OFF] and confirm that the Alarm lamp has shut off. If you pull the power plug out of the wall outlet while the Alarm lamp is lit or flashing, the print head is not protected, and you may not be able to print later.

A CAUTION

You may cause injury or damage the machine if you ignore any of these safety precautions.

Location

Do not block or cover the ventilation port or any openings on the machine with objects, as it may cause the inside of machine to overheat and cause a fire.

Place the machine on a flat, stable, vibration-free surface that is strong enough to support its weight. If the machine topples over, it may result in injury. (For the weight of the machine, see the Appendix.)

Do not use or store the machine outdoors.

Do not install the machine near devices that contain magnets or generate magnetic fields, such as speakers.

To ensure proper ventilation, make sure the machine is approximately 4 inches (10 cm) away from walls and other equipment.

Do not install the machine in a location that is very humid or dusty, in direct sunlight, outdoors, or close to a heating source.

Installing in such a location may result in fire or electrical shock.

To avoid the risk of fire or electrical shocks, install the machine in a location with an ambient temperature range of 59°F to 81.5°F (15°C to 27.5°C) and humidity of 20% to 80% (condensation free).

Do not place the machine on a thick rug or carpet.

If fibers or dust come inside the machine, it could cause a fire.

Power supply

Never remove the plug by pulling on the cord.

Pulling on the power cord may damage the cord and cause a fire or electrical shock.

When turning OFF the power, be sure to press [ON/OFF] or unplug the machine.

However, if the machine is unplugged during printing, the print head is not protected with the cap that prevents the ink from drying. This may affect the print quality of the machine when printing later.

During electrical storms, turn OFF the power and disconnect the power cord from the power outlet.

Do not use an extension cord as this may result in fire or electrical shock.

Ensure that the area around the power outlet is kept clear at all times so you can easily unplug the power cord if necessary. Otherwise you will be unable to disconnect the power plug in case of an emergency, and it may result in fire or electrical shock.

Never use a power supply source other than the one rated for the machine in the country where you purchased the machine as it may result in fire or electrical shock.

The operating requirement of this machine is as follows:

120V AC, 60 Hz

Do not plug the machine into the same circuit as appliances such as an air conditioner, television, or copier. These devices generate electrical noise which may interfere with your machine's operation.

Whenever you turn OFF the power and unplug the machine, wait at least five seconds before you plug it in again.

Use only the power cord that came with the machine. Using a different power cord may cause electric leakage or damage to the machine.

Turn OFF the power and unplug the machine in the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has spilled into the machine.
- If the machine has been exposed to rain or water.
- If the machine does not operate normally when you have followed the instructions in the guides included with your machine.
- If the machine does not operate normally when you have followed the instructions provided in Chapter 13, "Troubleshooting."
- If the machine has been dropped or damaged.
- If the machine exhibits a distinct change in performance, indicating a need for servicing.

Turn OFF the power and disconnect the power cord if the machine will not be used for a long period such as during holidays.

Handling

Close the document cover gently to avoid catching your hand. Failing to do so may result in personal injury.



Do not press down hard on the document cover when using the platen glass to scan thick books. This may damage the platen glass and document cover and/or result in personal injury.



Do not place the following objects on top of the machine. If such objects come into contact with internal electrical components, the machine may short-circuit, resulting in fire or electrical shock.

- Metal objects such as jewelry and watches
- Containers of water or other liquids such as glasses, vases, or pot plants

If water does spill inside the machine, turn OFF the power immediately by pressing the [ON/OFF] key, and disconnect the power cord. Then, contact the Canon Customer Care Center at 757-413-2848.

Do not touch the high-voltage electrical parts as this may result in electrical shock.

Do not place heavy objects on top of the machine as these may topple over and result in injury.

When removing paper jammed in the machine, be careful not to get ink on your hands or clothing. If ink gets on your hands or clothing, wash them soon in running water. If you use hot water, the ink may adhere and become difficult to remove.

After printing, do not touch the electrical contacts of the print head. They will be hot and may result in burns or electrical shock.

Do not subject the machine to strong physical shock or vibration. This can damage the machine's components.

Before moving the machine, turn OFF the power and unplug the machine.

When moving the machine, carry the machine at both ends.



A distinct change in performance may indicate a need for servicing.

Do not insert your hands into the machine while it is printing.

Parts inside the machine are moving and this may result in injury.

Do not turn the machine upside down.

Ink may leak out and stain clothing or the surrounding area.

Adjust only those controls that are covered by the instructions in the guides since improper adjustment of other controls may result in damage and require extensive repair by a qualified technician to restore the product to normal operation.

Print head/Ink tanks

For safety reasons, store print heads and ink tanks out of the reach of small children. If a child ingests any ink, consult a doctor immediately.

Do not shake print heads or ink tanks.

Ink may leak out and stain clothing or the surrounding area.

Never touch the print head.

Legal Limitations On Use Of Your Product And Use Of Images

It may be unlawful to make copies of, scan, print or use reproductions of the following documents. The list provided is non-exhaustive. When in doubt, check with a legal representative in your jurisdiction.

- · Paper money
- · Money orders
- · Certificates of deposit
- Postage stamps (canceled or uncanceled)
- Identifying badges or insignias
- Selective service or draft papers
- Checks or drafts issued by governmental agencies
- Motor vehicle licenses and certificates of title

- · Traveler's checks
- Food stamps
- · Passports
- Immigration papers
- Internal revenue stamps (canceled or uncanceled)
- · Bonds or other certificates of indebtedness
- · Stock certificates
- Copyrighted works/works of art without permission of copyright owner

▶ Users In The U.S.A.

Pre-installation Requirements For Canon Facsimile Equipment

A. Location

Supply a suitable table, cabinet, or desk for the machine. See the Appendix for the machine's specific dimensions and weight.

B. Order Information

- 1. Only a single telephone line (touch-tone or rotary) should be used.
- Order an RJ11-C modular wall jack (USOC code), which should be installed by the telephone company. If the RJ11-C modular wall jack is not present, telephone/fax operation is not possible.
- 3. Order a normal business line from your telephone company's business representative. The line should be a regular voice grade line or the equivalent one. Use one line per machine. DDD (Direct Distance Dial) line

-or-

IDDD (International Direct Distance Dial) line if you communicate overseas



Canon recommends an individual line following industry standards, such as the 2500 (touch-tone) or 500 (rotary/pulse dial) telephones. A dedicated extension off a PBX (Private Branch Exchange) unit without "Call Waiting" can be used with the machine. Key telephone systems are not recommended because they send nonstandard signals to individual telephones for ringing and special codes, which may cause a fax error.

C. Power Requirements

This machine should be connected to a standard 120 volt AC, two-prong grounded outlet only. Do not connect this machine to an outlet or power line shared with other appliances that cause "electrical noise." Air conditioners, electric typewriters, copiers, and machines of this sort generate electrical noise which often interferes with communications equipment and the sending or receiving of documents.

Connection Of The Equipment

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear panel of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

An FCC compliant telephone line cable cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See Installation instructions for details.

This equipment if it uses a telephone receiver is hearing aid compatible.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subjected to state tariffs.

In Case Of Equipment Malfunction

Should any malfunction occur which cannot be corrected by the procedures described in this guide, disconnect the equipment from the telephone line cable, turn off the power and disconnect the power cord. The telephone line cable should not be reconnected or the main power switch turned ON until the problem is completely resolved. Users should contact their local authorized Canon Facsimile Service Dealer for the servicing of equipment.

Rights Of The Telephone Company

If this equipment causes harm to the telephone network, the telephone company may temporarily disconnect service. The telephone company also retains the right to make changes in facilities and services that may affect the operation of this equipment. When such changes are necessary, the telephone company is required to give adequate prior notice to the user. However, if advance notice is not possible, the telephone company will notify the customer as soon as possible. Also, the customer will be advised of his/her right to file a compliant with the FCC if he/she believes it is necessary.

▲ WARNING

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone facsimile machine unless such message clearly contains in a margin at the top or bottom of each transmitted page, or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual.

In order to program this information into your machine, you should complete the procedure to register your name, unit's telephone number, time, and date. (See"Registering Sender Information," on page 84)

FCC Notice

MultiPASS MP390: Facsimile Transceiver, Model H12407

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

A WARNING

Do not make any changes or modifications to the equipment unless otherwise specified in this guide. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A. Inc.
One Canon Plaza, Lake Success, NY 11042, U.S.A.
TEL No. (516) 328-5600

▶ Users In Canada

Pre-installation Requirements For Canon Facsimile Equipment

A. Location

Supply a suitable table, cabinet, or desk for the machine. See the Appendix for the machine's specific dimensions and weight.

B. Order Information

- 1. Provide only a single line touch-tone or rotary telephone set terminated with a standard 4-pin modular telephone plug. (Touch-tone is recommended if available in your area.)
- 2. Order a CA11A modular wall jack, which should be installed by the telephone company. If the CA11A modular wall jack is not present, installation cannot occur.
- Order a normal business line from your telephone company's business representative. The line should be a regular voice grade line or an equivalent one. Use one line per machine.
 DDD (Direct Distance Dial) line -or-

IDDD (International Direct Distance Dial) line if you communicate overseas

NOTE

Canon recommends an individual line following industry standards, such as the 2500 (touch-tone) or 500 (rotary/pulse dial) telephones. A dedicated extension off a PBX (Private Branch Exchange) unit without "Call Waiting" can be used with your facsimile unit. Key telephone systems are not recommended because they send non-standard signals to individual telephones for ringing and special codes, which may cause a fax error

C. Power Requirements

The power outlet should be a two-prong grounded receptacle (Single or Duplex). It should be independent from copiers, heaters, air conditioners or any electric equipment that is thermostatically controlled. The rated value is 120 volts and 15 amperes. The CA11A modular jack should be relatively close to the power outlet to facilitate installation.

Notice

This equipment meets the applicable Industry Canada terminal Specifications.

Avis

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

Before installing this equipment, users should ensure that it is permitted to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single-line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

Even if the dual-line option is installed, the REN is applicable to each port.

Avis

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister

en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

A CAUTION

- Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.
- This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.
- Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

CANON CANADA INC.
1-800-652-2666
Monday-Friday 9:00 am to 8:00 pm EST (excluding holidays)
http://www.canon.ca

Specifications

General Specifications

Power source 120V/60 Hz

Power consumption • Maximum: Approx. 47.0 W

• Standby: Approx. 17.0 W

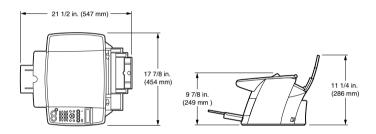
Weight Approx. 18.7 lb./8.5 kg (Components attached)

Dimensions • 17 7/8 in. (W) \times 14 1/8 in. (D) \times 9 7/8 in. (H) $(454 \text{ mm (W)} \times 358 \text{ mm (D)} \times 249 \text{ mm (H)})$

*With the multi-purpose tray and the paper output tray closed

• 17 7/8 in. (W) \times 21 1/2 in. (D) \times 11 1/4 in. (H) $(454 \text{ mm (W)} \times 547 \text{ mm (D)} \times 286 \text{ mm (H)})$

*With the multi-purpose tray, the paper output tray, and both tray extensions opened



Environmental conditions • Temperature: 59°F–81.5°F (15°C–27.5°C)

• Humidity: 20%-80%

Liquid Crystal Display (LCD) 20×2

Display languages English/French/Spanish/Portuguese **Applicable standards** • Electrical safety: UL 1950, C-UL

• Radiation: FCC Part 15 Class B, IC

FCC Part 68, IC, Energy Star compliant • Other:

Multi-purpose tray capacity • Plain paper: approx. 100 sheets (17 lb. or 64 g/m²) or 3/8 in. (10 mm) thick paper stack

* For other paper types, see page 21.

Printable areas

Note on printing area illustrations:

Printing area: Canon recommends that you print within

(dark shade) this area.

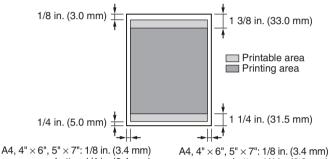
Printable area: The area where it is possible to print.

(light shade) However, printing in this area can adversely

affect print quality or paper feed precision.

• Paper printable areas:

Letter size: 8.0 in. \times 10 3/4 in. (203.2 mm \times 271.4 mm) A4 size: $8.0 \text{ in.} \times 11 \text{ 3/8 in.} (203. 2 \text{ mm} \times 289 \text{ mm})$ $4" \times 6"$ size: 3 3/4 in. \times 5 3/4 in. (94.8 mm \times 144.4 mm) $5" \times 7"$ size: 4 3/4 in. \times 6 3/4 in. (120.2 mm \times 169.8 mm)



Letter: 1/4 in. (6.4 mm)

Letter: 1/4 in. (6.3 mm)

NOTE

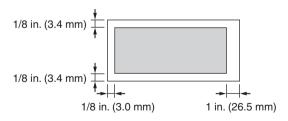
Borderless printing enables you to make prints with no margins. However, it may result in a decrease in print quality of the top and bottom paper edges.

• Photo Paper Pro printable area:

Photo Paper Pro: 43/8 in. $\times 63/8$ in. $(109.6 \text{ mm} \times 160.4 \text{ mm})$

• Envelope printable areas:

US COM 10: 8 3/8 in. \times 3 7/8 in. (211.5 mm \times 98.2 mm) European DL: 7 1/2 in. $\times 4 1/8$ in. (190.5 mm $\times 103.2$ mm)



System Requirements

See page 69.

Ink Specifications

Ink tank colors/capacity • Black (BCI-24 Black): approx. 300*, approx. 580**

• Color (BCI-24 Color): approx. 160**

- * 1500 characters per page, normal text, at standard and plain paper mode with Windows XP printer driver.
- ** Based on printing the ISO JIS-SCID No. 5 pattern at standard and plain paper mode with Windows XP printer driver.

Copy Specifications

Copy speed • Black & white: <FAST> mode approx. 18 pages/

minute (letter size)

• Color: <FAST> mode approx. 12 pages/

minute (letter size)

(Based on BJ printer specific speed test pattern.)

No. of copies • Maximum 99 copies

Density adjustment • 9 levels

Zoom • 25% to 400%

Photo Print Specifications

Interface • Card slots

• USB port

Paper • Plain paper

• Photo Paper Pro

Layout • Plain paper:

Letter/A4: With/without borders, index (max. 70 images)

• Photo Paper Pro:

Letter/A4: With/without borders, index (max. 70 images) Card: With/without borders, index (max. 15 images)

Features • Date printing

• Vivid photo printing

• DPOF function-compatible (Index printing, specified quantity, specified images, date printing, image number printing)

Digital camera direct printingPhoto Index Sheet printing

• Borderless printing

Fax Specifications

Applicable line

Compatibility

Data compressing system

Modem type Modem speed • Public Switched Telephone Network (PSTN)

• MH, MR, MMR, JBIG, JPEG

• Fax modem

• 33600/14400/9600/7200/4800/2400 bps

· Automatic fallback

• Black & white: Approx. 3 seconds/page at 33.6 Kbps, Transmission speed

> ECM-MMR, transmitting from memory (Based on ITU-T No.1 chart, standard mode.)

• Color: Approx. 1 minute/page at 33.6 Kbps, ECM-JPEG,

transmitting from memory

(Based on Canon COLOR FAX TEST SHEET.)

Scanning image processing

• UHOTM (Ultra High Quality) image enhancement

• Halftones: 64 levels of gray

• Density adjustment: 3 levels

• Transmission/reception: 200 pages

(Based on ITU-T No.1 chart, standard mode.)

Fax scanning speed

Approx. 5.8 seconds/page

(Based on ITU-T No.1 chart, standard mode.)

Fax resolution

Memory

• Black & white <STANDARD>: 203 pels/in. × 98 lines/in. (8 pels/

 $mm \times 3.85 lines/mm$)

• Black & white <FINE>, <PHOTO>: 203 pels/in. × 196 lines/in.

 $(8 \text{ pels/mm} \times 7.70 \text{ lines/mm})$

• Color: 200 × 200 dpi

Dialing

 Automatic dialing Directory dialing (40 destinations)

• Regular dialing (with numeric keys)

• Automatic redialing

• Manual redialing (with [Redial/Pause] key)

Networking

• Automatic reception

Automatic fax/tel switchover

• DRPD (Distinctive Ring Pattern Detection)

• Remote reception by telephone (Default ID: 25)

• Non-ring reception ECM deactivation

• ACTIVITY REPORT (after every 20 transactions)

Non-delivery report

• TTI (Transmit Terminal Identification)

Telephone Specifications

Connection

Telephone/answering machine (CNG detecting signal)/data modem

Print Specifications

Printing method Bubble jet on-demand Paper handling Automatic feed

Paper weight and • Plain paper: approx. 100 sheets (17 lb. or 64 g/m²) or 3/8 in. max. load capacity

(10 mm) thick paper stack

* For other paper types, see page 21.

Recommended paper

See page 21. • Black & white: Fast: 18 pages/minute* **Print speed**

Standard: 11.8 pages/minute

• Color: Fast: 12 pages/minute*

Standard: 4.9 pages/minute

(Based on Canon standard pattern.)

Maximum print width Resolution

8 in. (203.2 mm)

4800 (horizontal) dpi × 1200 (vertical) dpi**

Scan Specifications

Compatibility TWAIN / WIA (Windows XP)

Scanning speed • Black & white text/grayscale (300 dpi): Min. 5.8 seconds/page (letter size)***

• Color (150 dpi): Min. 17.4 seconds/page (letter size)***

Effective scanning width **Scanning resolution**

8 1/2 in. (214 mm)

• 1200 dpi × 2400 dpi optical

• 9600 dpi enhanced

Scanning image processing

• Halftones: 256 levels of gray

• Color: 16,777,216 colors

- PPM print speed based on highest speed printer driver setting. 4" × 6" photo print speed based on default printer driver mode using Canon Photo Paper Pro. Print speeds will vary depending on system configuration, software, document complexity, print mode and page coverage.
- Resolution may vary based on printer driver setting. Ink droplets can be placed with a minimum pitch of 1/4800 inch.
- Does not include the time sending the image to the computer.

Specifications subject to change without notice.

Canon Limited Warranty --- (USA Only)

The limited warranty set forth below is given by Canon U.S.A., Inc. ("Canon USA") with respect to the new or refurbished Canon-brand product ("Product") packaged with this limited warranty, when purchased and used in the United States only.

The Product is warranted against defects in materials and workmanship under normal use and service (a) for a period of one (1) year from the date of original purchase when delivered to you in new condition in its original container or (b) for 90 days from the date of original purchase for refurbished Products. Defective parts or a defective Product returned to a Canon USA repair facility or a Canon USA Authorized Service Facility ("ASF"), and proven to be defective upon inspection, will be repaired, exchanged for new or comparable rebuilt parts, or exchanged for a refurbished Product, as determined by the Canon USA repair facility or the ASF. Warranty repair or replacement shall not extend the original warranty period of the Product. A dated proof of purchase is required at the time of warranty service. A copy of your dated bill of sale will satisfy this requirement. This warranty does not cover any accessories, or any consumables, such as paper or ink tanks, as to which there shall be no warranty or replacement.

This limited warranty shall only apply if the Product is used in conjunction with compatible computers, peripheral equipment and software. Canon shall have no responsibility for such items except for compatible Canon brand peripheral equipment covered by a separate warranty ("Separate Warranty"). Repairs of such Canon brand peripheral equipment shall be governed by the terms of the Separate Warranty. Non-Canon brand equipment and software that may be distributed with the Product are sold "as is" and without warranty of any kind by Canon USA, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the manufacturer or producer thereof.

This limited warranty covers all defects encountered in normal use of the Product and does not apply in the following cases:

- (a) Loss of or damage to the Product due to abuse, neglect, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, improper use, failure to follow operating or maintenance instructions, or environmental conditions, prescribed in Canon USA's user's manual or other documentation, or services performed by someone other than a Canon USA repair facility or ASF. Without limiting the foregoing, dropping the Product, scratches, and abrasions will be presumed to have resulted from misuse, abuse or failure to operate the Product as set forth in the user's manual or other documentation for the Product.
- (b) Use of parts or supplies (other than those sold by Canon USA) that cause damage to the Product or cause abnormally frequent service calls or service problems.
- (c) If the Product has had its serial number or dating defaced, altered or removed.

ANY SYSTEM SOFTWARE (WHETHER FACTORY LOADED ON THE PRODUCT OR CONTAINED ON THE SOFTWARE DISKETTES OR CD-ROM'S ENCLOSED WITH, OR ACCOMPANYING, THE PRODUCT), AND ANY UTILITY SOFTWARE, DISTRIBUTED WITH OR FOR THE PRODUCT, IS SOLD "AS IS" AND WITHOUT WARRANTY BY CANON. THE SOLE WARRANTY WITH RESPECT TO SUCH SOFTWARE IS CONTAINED IN THE SOFTWARE MANUFACTURER'S LICENSE AGREEMENT DISTRIBUTED THEREWITH, INCLUDING ANY LIMITATIONS AND DISCLAIMERS THEREON. PLEASE CONTACT CANON IMMEDIATELY IF YOU HAVE NOT RECEIVED A COPY OF THE SOFTWARE MANUFACTURER'S LICENSE AGREEMENT.

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Canon offers a full range of customer technical support* options:

- Interactive troubleshooting, e-mail technical support, the latest driver downloads and answers to frequently asked questions (www.canontechsupport.com)
- 90-day toll-free live technical support, starting within warranty period from first call after product purchase (1-800-828-4040)
- Live technical support Monday-Saturday (excluding holidays) (1-757-413-2848)
- The location of the ASF nearest you for carry-in service (1-800-423-2366)

If the problem cannot be corrected by using one of the above technical support options, repair options are available at the time of your call to the live technical support number(s) above or via the website at www.canontechsupport.com

This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

*Support program specifics are subject to change without notice. Please see web site for further details (www.canontechsupport.com).

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