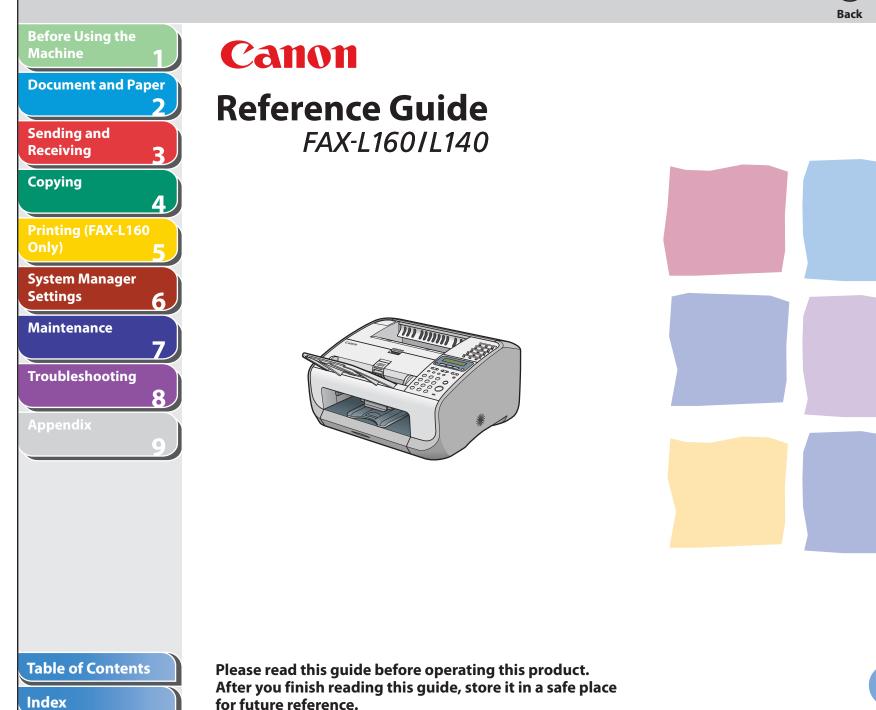
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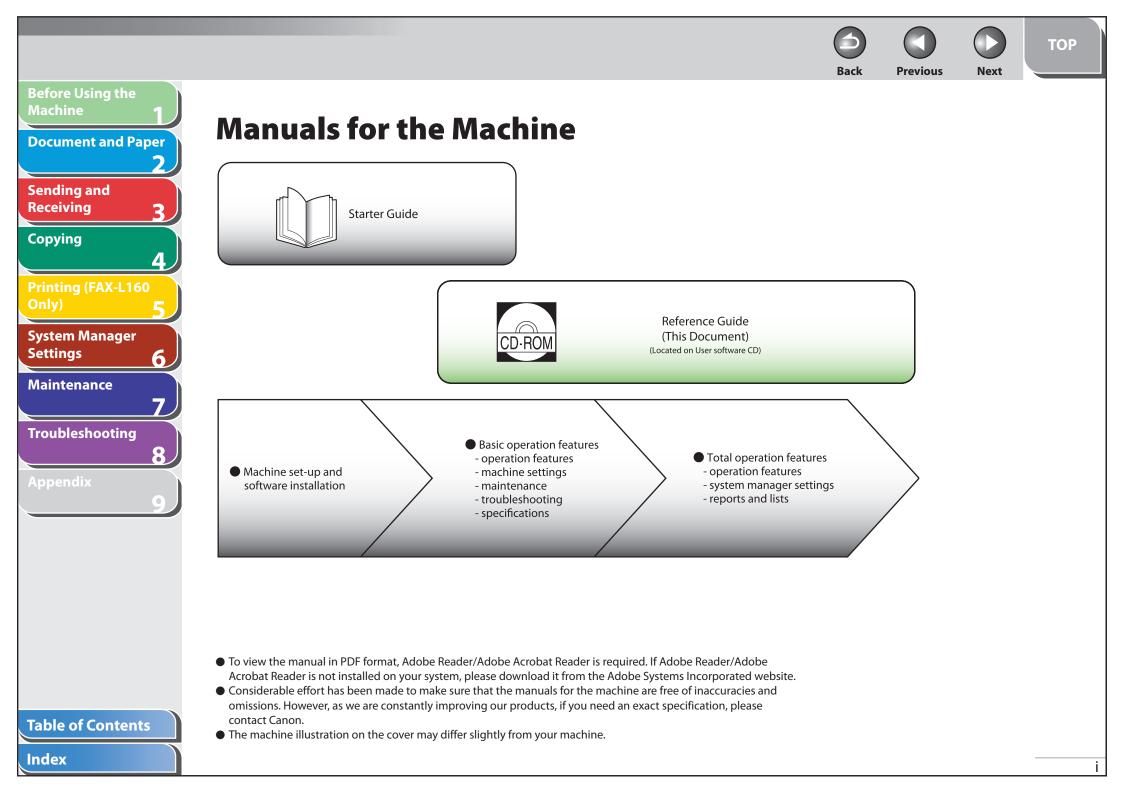
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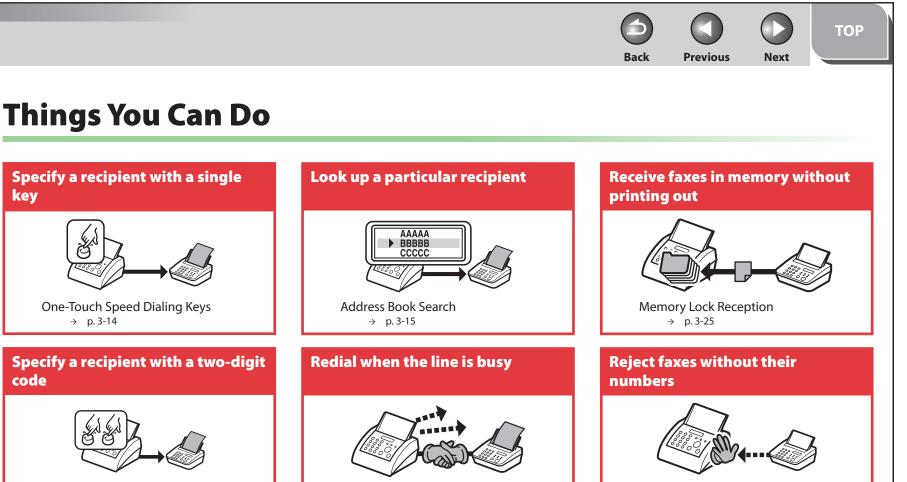
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Specify multiple recipients as a group



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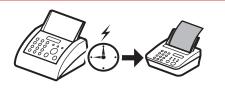
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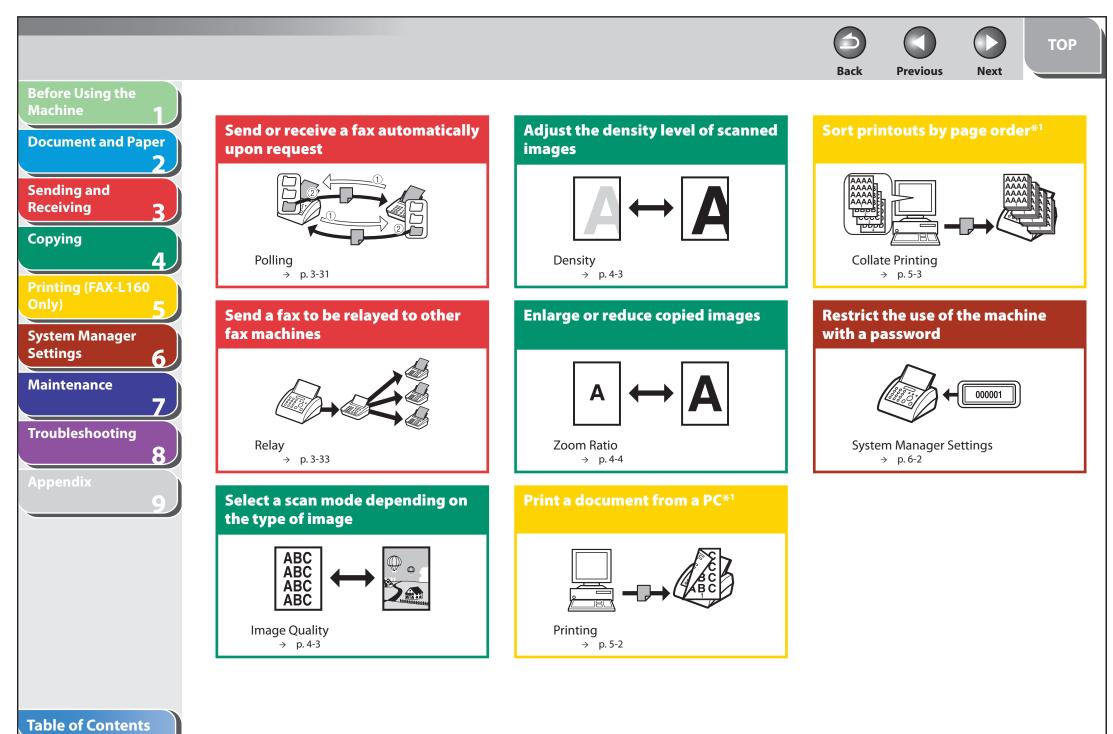
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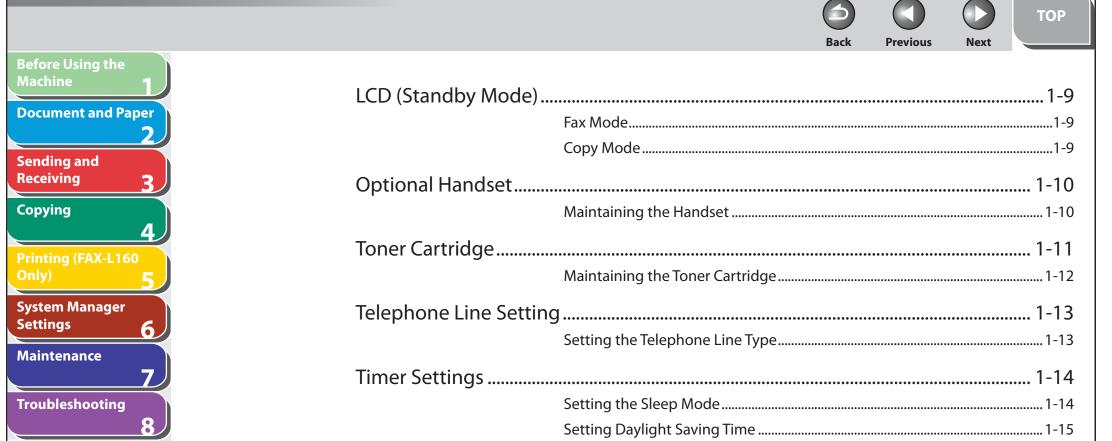
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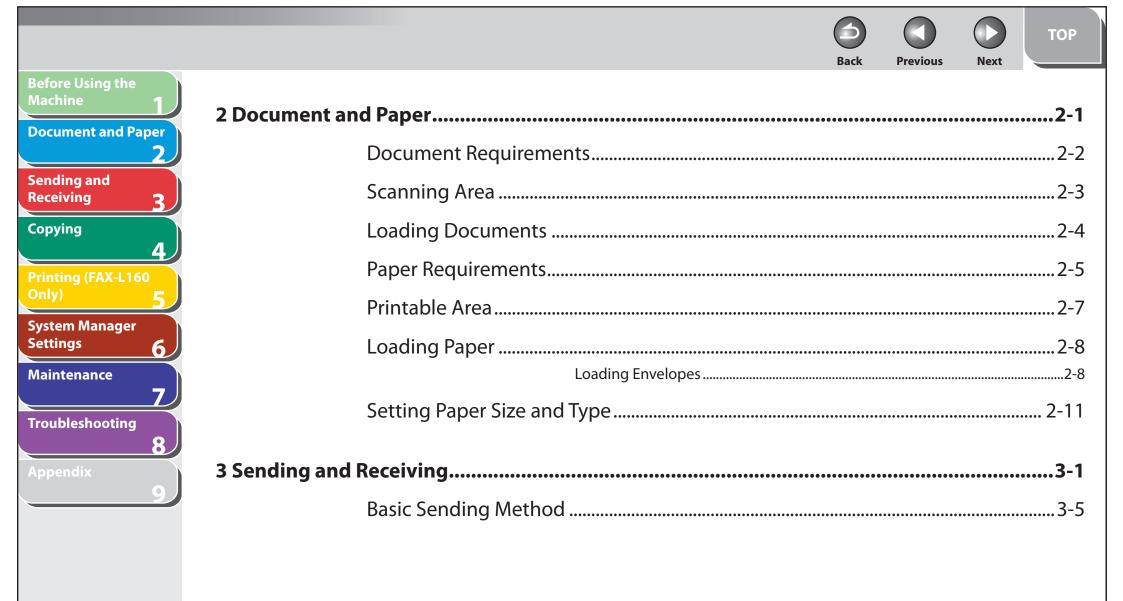
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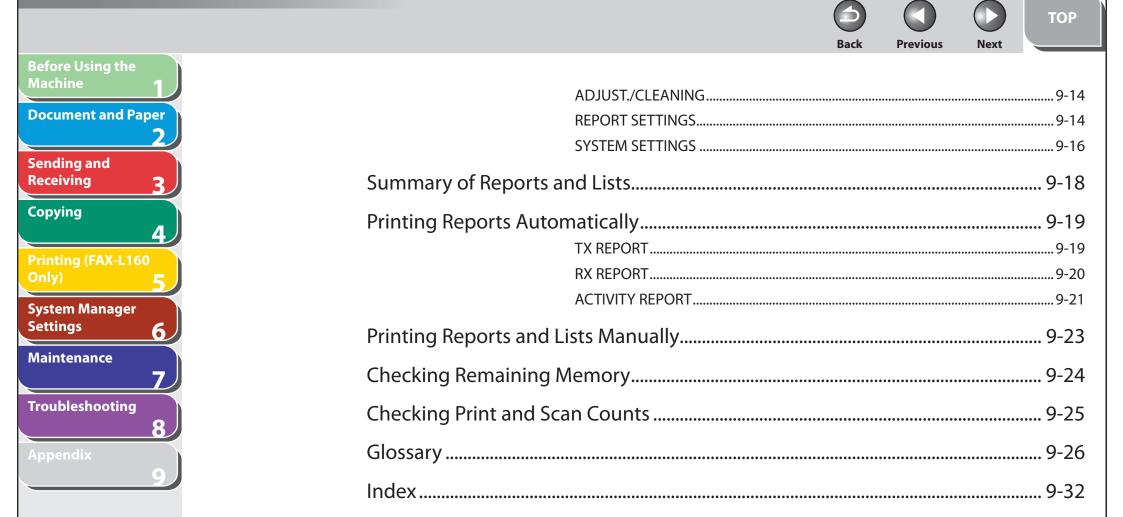
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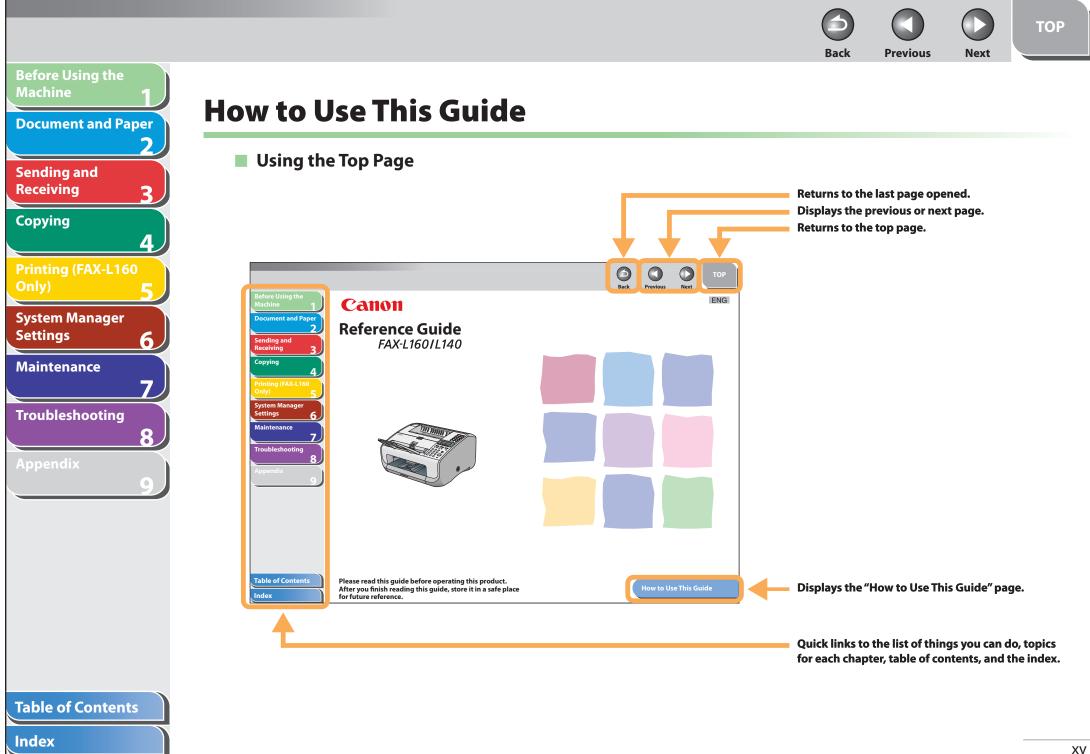
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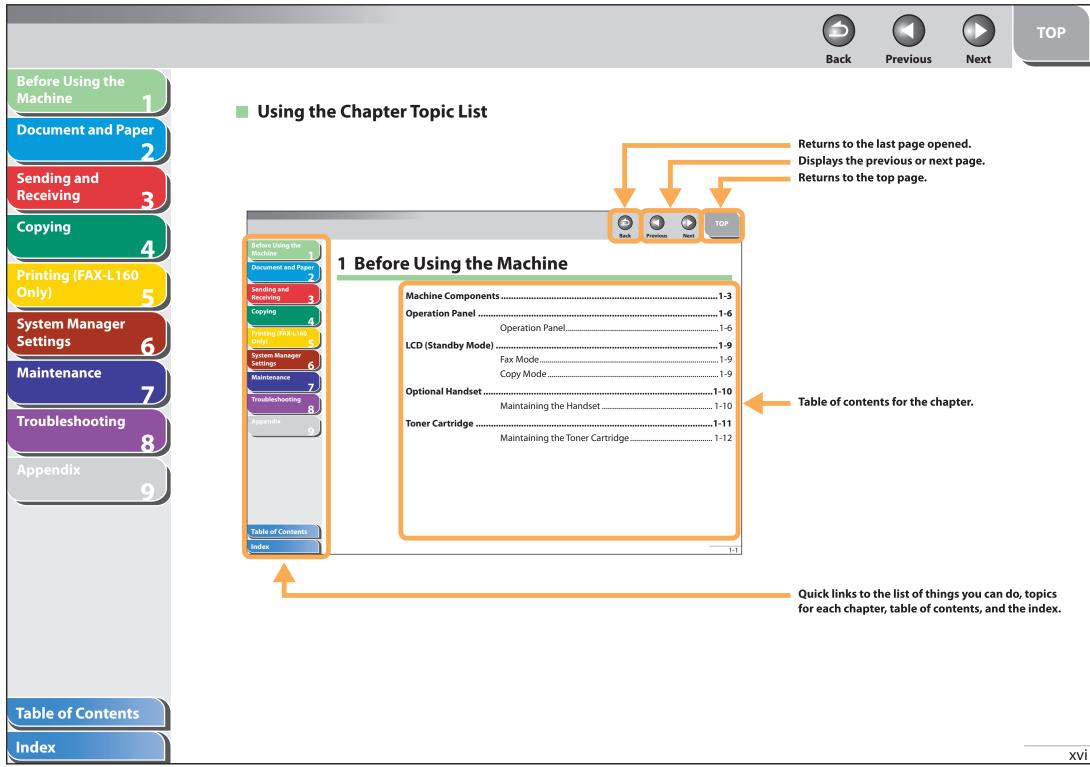
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The following symbols are used throughout the manuals for the machine and indicate the warnings, cautions and notes you should keep in mind when using the machine.

### 

Indicates a warning that may lead to death or serious injury if not observed.

### 

Explains how to avoid actions that could injure you or damage your machine.

### **Ø** NOTE

Explains operating restrictions and how to avoid minor difficulties.

In addition, this guide uses distinctive notations to identify keys and information in the LCD:

- The keys you press appear in square brackets: [Stop/Reset].
- Information in the LCD appears in angle brackets: <LOAD PAPER>.
- The items appear on the PC (Menus, Menu commands, buttons etc.) in square brackets: [Save].





### Illustrations Used in This Manual

Unless otherwise mentioned, illustrations used in this manual are those taken when no optional equipment is attached to the FAX-L160.



The model FAX-L160 is used for illustration purposes in this manual. When there is any difference between FAX-L160 and FAX-L140, it is clearly indicated in the text, e.g., "FAX-L160 Only".

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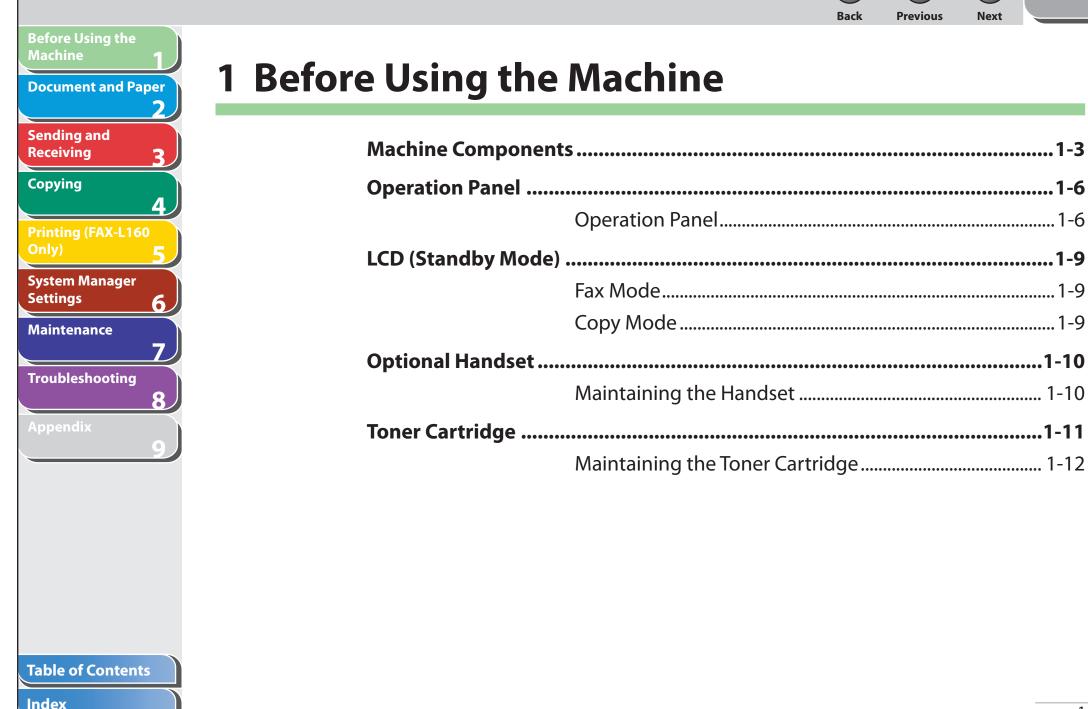
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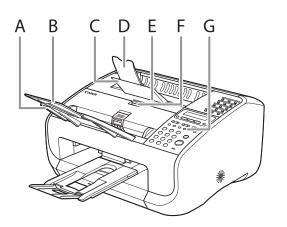
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# **Machine Components**



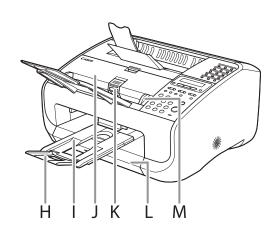
- A Document feeder tray Holds documents.
- B Document feeder tray extension Extension for the document feeder tray.

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- C Paper delivery tray Outputs printouts.
- D Paper delivery tray extension Extension for the paper output tray.
- E Toner cover
   Open it when replacing the toner cartridge or removing jammed paper.
   F Notch
- Notch
   Used to open the toner cover.
- G Operation panel Controls the machine.







- H Document delivery tray extensionExtension for the document delivery tray.
- I Document delivery trayOutputs scanned documents. Part of paper stack cover.
- J ADF (Automatic Document Feeder) Feeds documents automatically into the machine for scanning.
- K Document release lever Releases jammed document.
- L Paper stack cover Protects paper supply in the machine from dirt and dust.
- M Document guides Adjust to the width of documents.

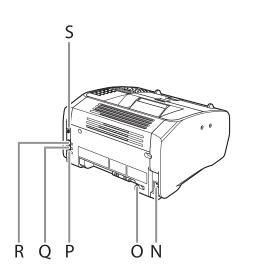
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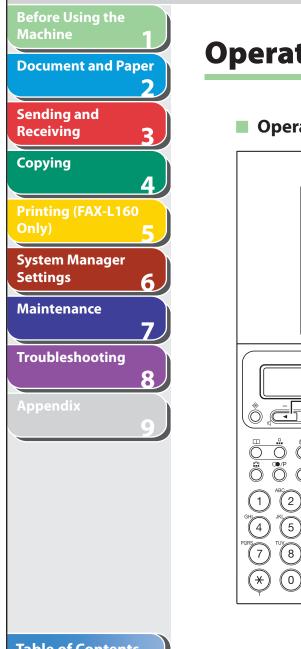




- N Power socket Connect the power cord.
- O Handset cable retainer Hook the optional handset cable to retain the slack.
- P Line jack Connect the telephone cable.
- Q External device jack Connect an external device if necessary.
- R Handset jack Connect the optional handset.
- S USB port Connect the USB cable.

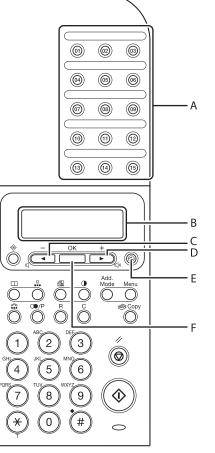
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# **Operation Panel**

**Operation Panel** 



- One-Touch Speed Dialing keys А Press to enter destinations registered for one-touch speed dialing or group dialing. В LCD display Displays messages and prompts during operation. Also displays selections, text, and numbers when adjusting settings. [**◄**–] key С Press to decrease the value for various settings. Also press to see the previous item in the menu. D [**+**►] key
  - Press to increase the value for various settings. Also press to see the next item in the menu.
- Е [Energy Saver] key

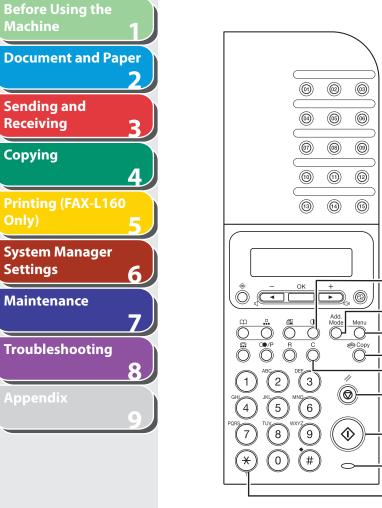
F

Press to set or cancel the Sleep mode manually. The key lights green when the Sleep mode is set, and goes off when the mode is canceled.

[OK] kev Press to accept a set function or mode.

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# G ٠M

C

[Density] key G Press to adjust the density for copy or documents you send. [Add. Mode] key Н Press to access additional fax modes. L [Menu] key Press to access the setting menu for customizing machine operations. [Copy] key J Press to switch to the Copy mode. [Clear] key Κ Press to clear entered alphanumeric characters. L [Stop/Reset] key Press to stop a current job or to return the machine to the standby mode. Also, press to switch to the Fax mode when the machine is in the Copy mode. [Start] key Μ Press to start scanning documents for sending or copying. Processing/Data indicator Ν Flashes while sending or receiving faxes. Lights when the

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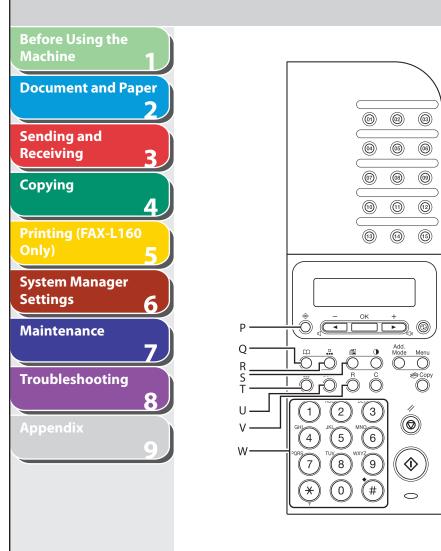
Please note that any fax documents that have been received and are stored in the memory will be deleted if you disconnect the power cord when the Processing/Data indicator is lit.

machine has waiting jobs and stores the data in memory.

O [Tone] key

Press to switch from rotary pulse to tone dialing.

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Р	[System Monitor] key
	Press to check the sending status, print status, sending/
	receiving log, available memory, or printing/scanning count.
0	[Address Book] key
	Press to search pre-registered destinations under one-touch
	speed dialing keys or coded speed dialing by name.
D	
K	[Coded Dial] key
	Press to specify recipients registered under coded speed
	dialing.
S	[Image Quality] key
	Press to select image quality for copy or fax.
Т	[Hook] key
	Press when you want to dial without lifting up the handset of
	the optional telephone or external telephone.
	[Redial/Pause] key
0	•
	Press to redial the last dialed number, or press to insert a
	pause when entering a fax number.
V	[R] key
	Enter when dialing an outside number through a
	switchboard.
W	Numeric keys
	Use to enter letters and numbers.
	T U V

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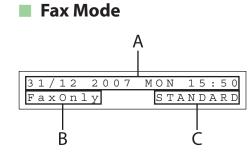
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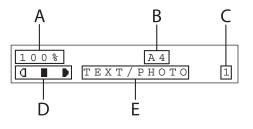


# LCD (Standby Mode)



- A Date & Time
- B Receive mode
- C Image quality

Copy Mode



- A Zoom ratio
- B Paper size
- C Quantity
- D Density
- E Image quality

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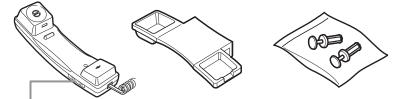
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### 🥭 ΝΟΤΕ

- When you connect the power code, the LCD displays <PLEASE WAIT> first, and then displays <INITIALIZING...> until the standby display appears. It is also possible to see the standby display without having <INITIALIZING...> shown.
- If the machine remains idle for one minute, the display returns to the standby mode. In that case, if the display shows the Copy mode, it will switch to the Fax mode.

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If you want to use the machine as a telephone and a fax machine, or if you want to receive faxes manually, install the handset available from your local authorized Canon dealer or the Canon help line.



Use a sharp object (i.e., pen) to select the ring volume of the handset.

### Ø NOTE

For how to install the handset, see "Before FAX Setting," in the Starter Guide.

### Maintaining the Handset

**Optional Handset** 

- Do not leave the handset exposed to direct sunlight.
- Do not install the handset in hot or humid conditions.
- Do not spray aerosol polish on the handset as it may cause damage.
- Use a damp cloth to wipe clean the handset.

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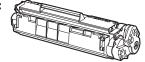
## **Before Using the** Machine **Document and Paper** Sending and Receiving 3 Copying Λ **Printing (FAX-L160** System Manager Settings 6 Maintenance 7 Troubleshooting 8

# **Toner Cartridge**

The lifetime of the Canon Genuine toner cartridge used in this machine is approximately 2,000 pages. The page counts are based on 5% coverage\* when printing A4 size paper with the default print density setting. The level of toner consumption varies depending on the type of documents printed. If your average document contains a lot of graphics, tables, or charts, the life of the toner cartridge will be shorter as they consume more toner. When you are replacing a toner cartridge, be sure to use a toner cartridge designed for this product. To purchase a new Canon genuine toner cartridge, contact your local authorized Canon dealer or Canon help line.

\* The term "5% coverage" denotes a document on which the area covered with toner is 5% of the total area of a sheet.

**Toner Cartridge name:** Canon FX10 Cartridge



Model Name	Supported Canon Genuine Cartridge	Print Yield
FAX-L160 FAX-L140	Canon FX10 Cartridge	Approx. 2,000 pages

# **Before Using the** Machine **Document and Paper** Sending and Receiving Copying **Printing (FAX-L160** System Manager Settings 6 Maintenance Troubleshooting

### Maintaining the Toner Cartridge

- Keep the toner cartridge away from computer screens, disk drives, and floppy disks. The magnet inside the toner cartridge may harm these items.
- Avoid locations subject to high temperature, high humidity, or rapid changes in temperature.
- Do not expose the toner cartridge to direct sunlight or bright light for more than five minutes.
- Store the toner cartridge in its protective bag. Do not open the bag until you are ready to install the toner cartridge in the machine.
- Save the toner cartridge's protective bag in case you need to repack and transport the toner cartridge at a later date.
- Do not store the toner cartridge in a salty atmosphere or where there are corrosive gases such as from aerosol sprays.
- Do not remove the toner cartridge from the machine unnecessarily.
- Do not open the drum protective shutter on the toner cartridge. Print quality may deteriorate if the drum surface is exposed to light or is damaged.

Always hold the toner cartridge by its handle to avoid touching the drum protective shutter.

Back

• Do not stand the toner cartridge on end, and do not turn it upside down. If toner becomes caked in the toner cartridge, it may become impossible to free it even by shaking the toner cartridge.

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- If there is a toner powder leakage, make sure not to inhale or touch the toner powder. If it comes in contact with your skin, rinse with cold water using soap. If you feel an irritation on your skin or inhale the powder, consult a doctor immediately.
- When removing the toner cartridge from the machine, make sure to remove it carefully. If not removed with care, the toner powder may scatter and come in contact with your eyes and mouth. If this happens, rinse with water and consult a doctor immediately.
- Keep the toner cartridge away from small children. If they ingest the toner powder, consult a doctor immediately.
- Do not disassemble the toner cartridge. The toner powder may scatter and come in contact with your eyes and mouth. If this happens, rinse with water and consult a doctor immediately.

## 

Do not place the toner cartridge in fire. Toner powder is flammable.

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# **Telephone Line Setting**

### Setting the Telephone Line Type

The default setting is <TOUCH TONE>.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <USER SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <TEL LINE TYPE>, then press [OK].

Press [◄-] or [+►] to select the telephone line type, then press [OK].

<TOUCH TONE>: Tone dialing <ROTARY PULSE>: Pulse dialing

If you do not know the type of telephone line you use, contact your local telephone company.

**6.** Press [Stop/Reset] to return to the standby mode.

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# **Timer Settings**

### Setting the Sleep Mode

When the machine remains idle for a certain period of time, it automatically enters the Sleep mode. The default settings are <ON> and <5MIN.>.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <TIMER SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <AUTO SLEEP>, then press [OK].
- Press [◄-] or [+►] to select <ON>, then press [OK].
- Press [◄-] or [+►] to select the desired interval, then press [OK].

You can set the interval from 3 to 30 minutes (in one-minute increments). You can also enter values using numeric keys.

### Ø NOTE

The default setting is 5 minutes.

6. Press [Stop/Reset] to return to the standby mode.

### 

- [Energy Saver] lights green when the machine enters the Sleep mode.
- To resume the normal mode from the Sleep mode, press [Energy Saver] on the operation panel.
- To enter the Sleep mode manually, press [Energy Saver] on the operation panel.
- The machine will not enter the Sleep mode when:
  - the machine is in operation
  - the Processing/Data indicator lights or flashes
  - a message appears on the display
  - a paper jam occurs in the machine
- the optional handset or the handset of the external telephone is off the hook
- The machine will leave the Sleep mode when:
- you press [Energy Saver] on the operation panel
- a fax is received
- the optional handset or the handset of the external telephone is off the hook
- a print job is sent from a computer, and the print is started

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### Setting Daylight Saving Time

In some countries or areas, time is advanced throughout the summer season. This is called "Daylight Saving Time." The default setting is <ON>.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <TIMER SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <DAYLIGHT SV.TIME>, then press [OK].
- Press [◄-] or [+►] to select <ON>, then press [OK].
- Press [◄-] or [+►] to select <BEGIN DATE/ TIME>, then press [OK].

6. Press [◄-] or [+►] to select <MONTH>, then press [OK].

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- Press [◄-] or [+►] to select the month, then press [OK].
- Press [◄-] or [+►] to select <WEEK>, then press [OK].
- Press [◄-] or [+►] to select the week, then press [OK].
- **10.** Press [◄−] or [+►] to select <DAY>, then press [OK].
- **11.** Press [◄-] or [+►] to select the day, then press [OK].
- 12. Press [Menu].
- 13. Press [◄-] or [+►] to select <END DATE/TIME>, then press [OK].

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- **14.** Press [◄−] or [+►] to select <MONTH>, then press [OK].
- 15. Press [◄-] or [+►] to select the month, then press [OK].
- **16.** Press [◄−] or [+►] to select <WEEK>, then press [OK].
- 17. Press [◄-] or [+►] to select the week, then press [OK].
- 18. Press [◄-] or [+►] to select <DAY>, then press [OK].
- **19.** Press [◄−] or [+►] to select the day, then press [OK].
- 20. Press [Stop/Reset] to return to the standby mode.

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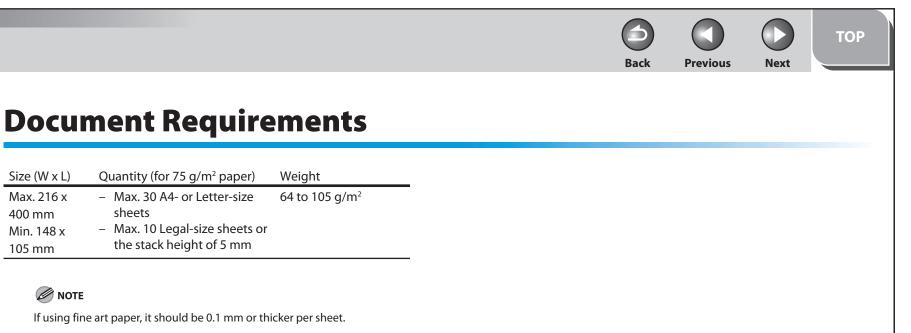
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#### • To prevent document jams, do not use any of the following:

- Wrinkled or creased paper
- Carbon paper or carbon-backed paper
- Curled or rolled paper
- Coated paper
- Torn paper

105 mm

- Onion skin or thin paper
- Documents with staples or paper clips attached
- Paper with fresh glue, ink, or correction fluid that is not completely dry

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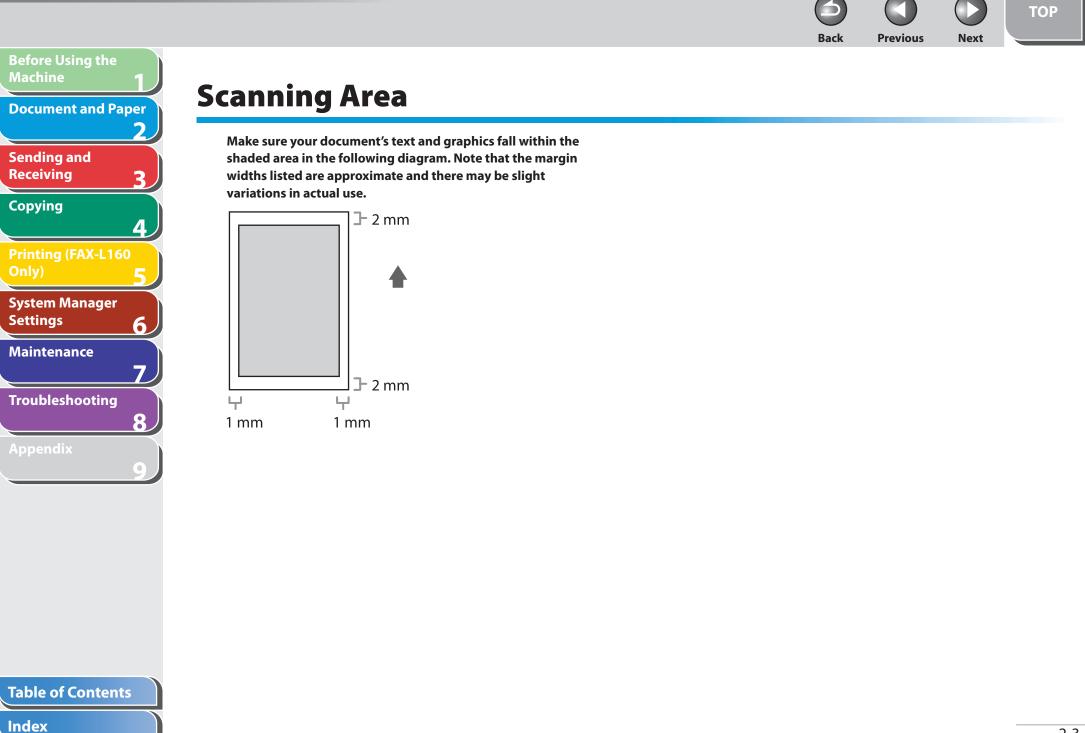
3

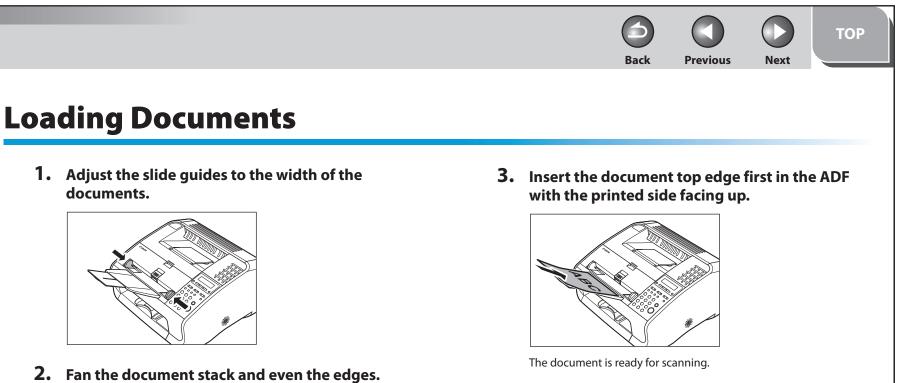
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# **Paper Requirements**

Paper Size Setting		Weight	Quantity
A4, B5*, A5*, Executive*, Envelope*(COM10, Monarch, DL, ISO-C5 (6 3/8" x 9" (162 x 229 mm)), Oficio, Brazil-Oficio Mexico-Oficio, Folio, Governr LTR, Government- LGL, Fools LTR, LGL, Custom paper* (3" x to 8 1/2" x 14" (76 x 127 to 21 356 mm)	o, ment- cap, x 5"	64 to 128 g/m <sup>2</sup>	Max. stack height: 15 mm (Approx. 150 sheets of 80 g/m <sup>2</sup> paper)
* Only for PC printing Paper Type Setting	Рареі	r Type	Weight
Plain Paper	Plain	paper	64 to 90 g/m <sup>2</sup>
Plain Paper L			
Heavy Paper	Heav	y paper	105 to 128 g/m <sup>2</sup>
Heavy Paper H			
Transparency	Trans	parencies	

#### MOTE

- The default paper size is A4. If you use a different paper size, you must change the paper size settings. (See "Setting Paper Size and Type," on p. 2-11.)
- For transparencies, you can load only up to 100 sheets.

#### • To prevent paper jams, do not use any of the following:

- Wrinkled or creased paper
- Curled or rolled paper
- Coated paper
- Torn paper
- Damp paper
- Very thin paper
- Paper which has been printed on using a thermal transfer printer (Do not copy on the reverse side.)

#### • The following types of paper do not print well:

- Highly textured paper
- Very smooth paper
- Shiny paper

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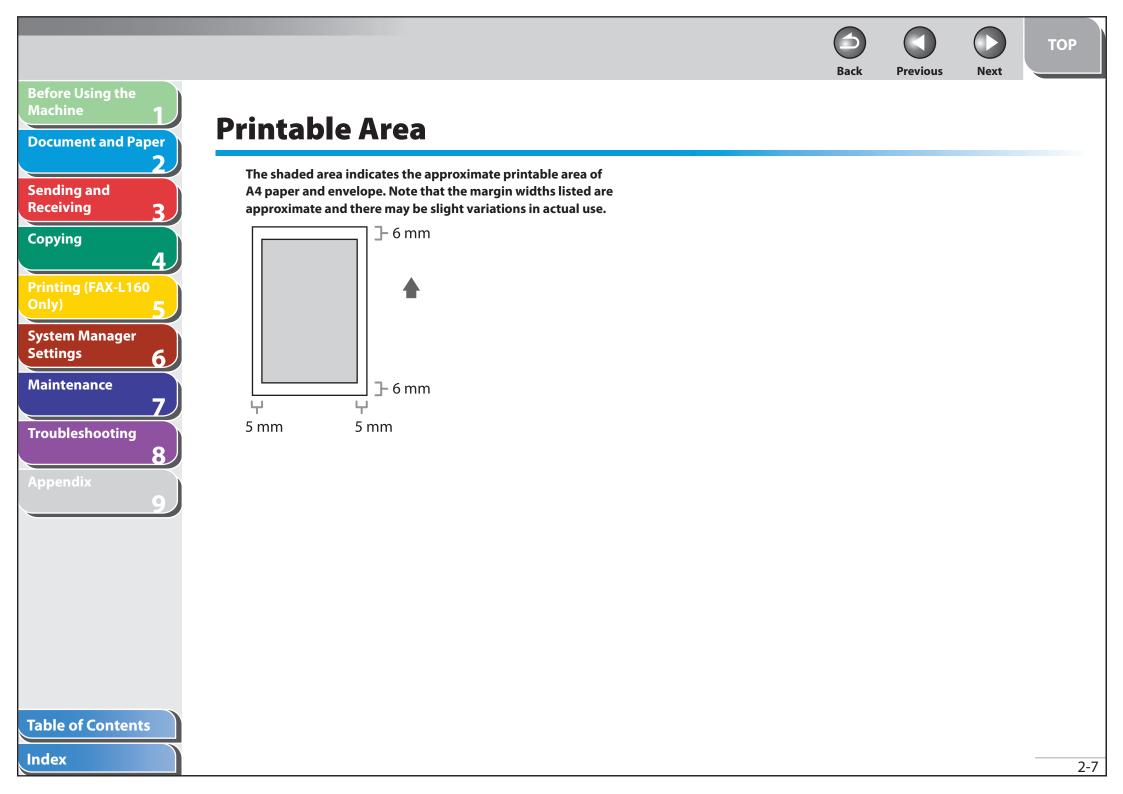


- Make sure the paper is free from dust, lint, and oil stains.
- Be sure to test paper before purchasing large quantities.
- Store all paper wrapped and on a flat surface until ready for use. Keep opened packs in their original packaging in a cool, dry location.
- Store paper at 18°C–24°C, 40%–60% relative humidity.
- Use only the transparencies designed for laser printers. Canon recommends you to use Canon type transparencies with this machine.

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# Machine **Document and Paper** Sending and Receiving Copying System Manager Settings 6 Maintenance Troubleshooting 8

**Before Using the** 

# **Loading Paper**

To load paper in the paper feeder, see "Set Up the Machine," in the Starter Guide.

## Loading Envelopes

#### • Use standard envelopes with diagonal seams and flaps.

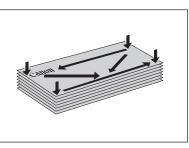
Make sure to set the correct envelope size in the printer driver. (See <u>Online Help</u>.)

#### • To prevent jams, do not use the following:

- Envelopes with windows, holes, perforations, cutouts, and double flaps
- Envelopes made with special coated paper or deeply embossed paper
- Envelopes with peel-off sealing strips
- Envelopes with letters enclosed

1. Place the stack of envelopes on a firm, flat surface, and press down firmly on the edges to make the folds crisp.

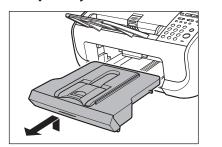
Press all the way around the envelopes to remove any curls and expel air from inside the envelopes. Make sure that the stack is flat before loading it in the machine.







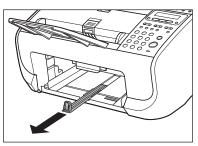
2. Lift the paper stack cover and pull it out completely.



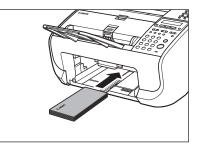
Ø NOTE

Make sure the back end of the cover does not catch the front paper guide.

**3.** Pull out the paper guide rail.



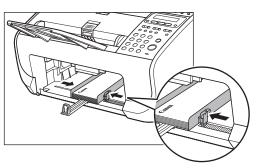
4. Insert the envelope stack with the print side facing up.







5. Adjust the side paper guides to the size of the stack.



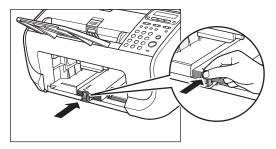
### 

If the paper guides are not adjusted correctly for the size of the envelopes, the quality of your printouts may be adversely affected.

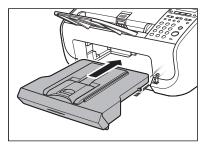
**6.** Push back the paper guide rail to the front edge of the stack.



7. Pinch and slide the front paper guide to match the envelope size.



8. Insert the paper stack cover.



🥏 ΝΟΤΕ

Make sure the back end of the cover does not catch and lower the scanning platform.



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# **Setting Paper Size and Type**

The default setting is <A4> and <PLAIN PAPER>. When you place other sizes and/or types of paper, follow this procedure to change the settings.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <PAPER SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <CASSETTE>, then press [OK].
- Press [◄-] or [+►] to select <PAPER SIZE>, then press [OK].
- Press [◄-] or [+►] to select the paper size, then press [OK].

You can select from the following paper sizes: <A4>, <OFICIO>, <BRAZIL-OFICIO>, <MEXICO-OFICIO>, <FOLIO>, <GOVERNMENT-LETTER>, <GOVERNMENT-LEGAL>, <FOOLSCAP>, <LTR>, <LGL>

### 

The available paper size will vary depending on the country where the unit was purchased.

- 6. Press [OK].
- Press [◄-] or [+►] to select <PAPER TYPE>, then press [OK].
- 8. Press [◄−] or [+►] to select the paper type, then press [OK].

You can select from the following paper types:

<PLAIN PAPER> or <PLAIN PAPER L>\*1 for Plain paper (64 g/m<sup>2</sup> to 90 g/m<sup>2</sup>)

<HEAVY PAPER> or <HEAVY PAPER H>\*2 for Heavy paper (105 g/m<sup>2</sup> to 128 g/m<sup>2</sup>)

- <TRANSPARENCY> for Transparency
- \*1 If paper curls excessively when printed with <PLAIN PAPER> selected, select <PLAIN PAPER L>.
- \*2 If print fixing is not sufficient when printed with <HEAVY PAPER> selected, select <HEAVY PAPER H>.
- 9. Press [Stop/Reset] to return to the standby mode.

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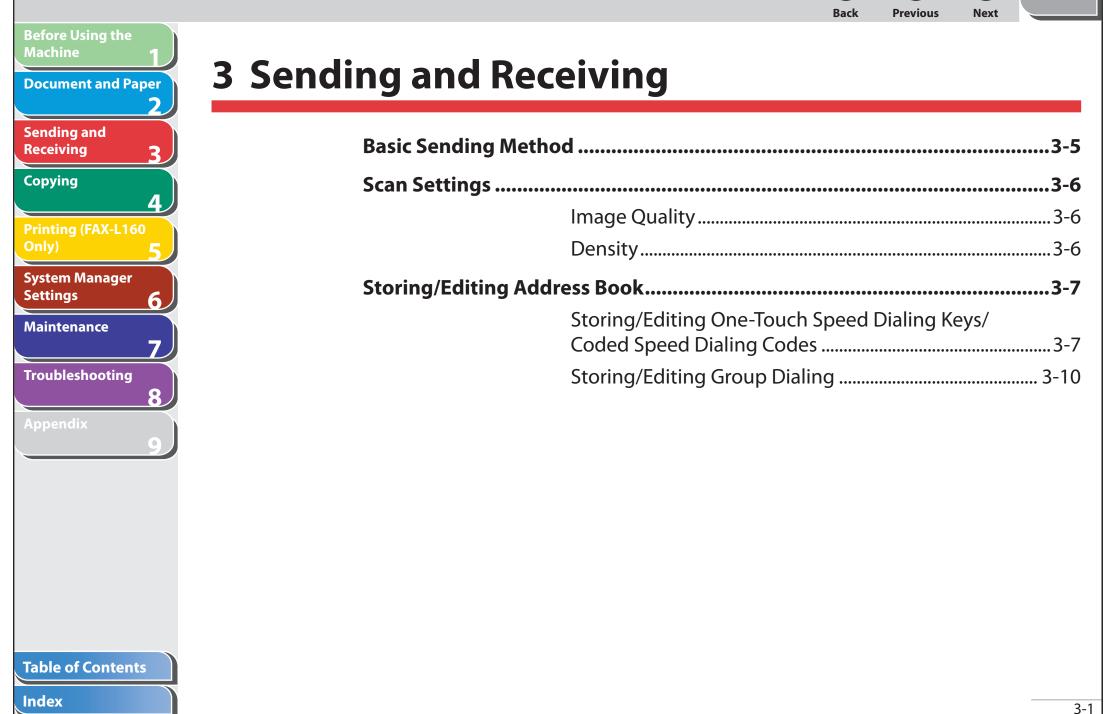
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# **Basic Sending Method**

Follow this procedure to send faxes.

1. Make sure the LCD shows the fax mode. If the LCD shows the copy mode, press [Stop/Reset].

#### **2.** Set documents.

Insert the document top edge first in the ADF with the printed side facing up. (See "Loading Documents," on p. 2-4.)

#### **3.** Enter the fax number with the numeric keys.

You can also specify the fax number with one-touch speed dialing keys, coded speed dialing codes, or [Address Book] key. (See "Specifying Recipients," on p. 3-14.)

4. Press [Start].

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# **Scan Settings**

You can adjust the image quality and density of the document you send. The higher image quality you set, the better the output will be, but the longer the transmission will take.

#### 

These settings return to the default values after all documents are scanned. If you want to keep the settings, set the density and/or image quality as following; [Menu]  $\rightarrow$  <FAX SETTINGS>  $\rightarrow$  <USER SETTINGS>  $\rightarrow$  <STANDARD SETTINGS>  $\rightarrow$  <DENSITY> or <IMAGE QUALITY>

(See "Setting Menu," on p. 9-5.)

### Image Quality

The default setting is <STANDARD>.

### **1.** Press [Image Quality].

#### Press [◄-] or [+►] to select the resolution, then press [OK].

<STANDARD>: for most text-only documents (200 x 100 dpi) <FINE>: for fine-print documents (the resolution is twice that of <STANDARD>) (200 x 200 dpi) <PHOTO>: for documents that contain photographs (the resolution is twice that of <STANDARD>) (200 x 200 dpi)

<SUPER FINE>: for documents that contain fine print and images (the resolution is four times that of <STANDARD>) (200 x 400 dpi)

### Density

The default setting is (5).

- 1. Press [Density].
- Press [◄-] or [+►] to adjust the density, then press [OK].

Ex. DENSITY - LT **DODED** DK+

[◀━]: to make dark documents lighter.

[+►]: to make light documents darker.

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# **Storing/Editing Address Book**

This machine provides you with various ways to specify the fax/ telephone numbers besides using the numeric keys. You can register fax/telephone numbers to the Address Book. Once you have registered fax/telephone numbers using this function, you can specify the fax/telephone numbers by simply pressing one or a combination of keys:

#### • Using One-Touch Speed Dialing Keys (p. 3-14)

You can specify fax/telephone numbers by pressing one-touch speed dialing keys. You can register up to 15 one-touch speed dialing keys, including group dialing.

#### • Using Coded Speed Dialing (p. 3-14)

You can specify fax/telephone numbers by pressing [Coded Dial] followed by two-digit code. You can register up to 100 coded speed dialing codes.

#### • Using Group Dialing (p. 3-15)

You can specify up to 15 groups of fax/telephone numbers registered in one-touch speed dialing keys. You can register up to 50 fax/telephone numbers in a group.

#### • Using Address Book Key (p. 3-15)

You can specify fax/telephone numbers by pressing [Address Book] and searching a fax/telephone number from Address Book.

Storing/Editing One-Touch Speed Dialing Keys/Coded Speed Dialing Codes

Registering One-Touch Speed Dialing Keys/Coded Speed Dialing Codes

- **1.** Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <1-TOUCH SPD DIAL> or <CODED DIAL>, then press [OK].
- 4. Press [◄-] or [+►] to select a one-touch speed dialing key (01 to 15) or coded speed dialing code (00-99) for which you want to register the fax/telephone numbers, then press [OK].

You can also select a one-touch speed dialing key or coded speed dialing code by pressing the corresponding one-touch speed dialing key, or [Coded Dial] followed by the desired two-digit code.





5. Enter the recipient name (max. 20 characters, including spaces) with the numeric keys, then press [OK].

NAME	[A]
C a <u>n</u>	

Fx

If you do not want to register the recipient name, press [OK] again to proceed to the next.

6. Enter the fax/telephone number you register (max. 50 digits, including spaces and pauses) with the numeric keys, then press [OK].

=X.		
TEL	NUMBER	ENTRY
012X	x x x x x x _	

- Press [R] first if the machine is behind a switchboard. ("Dialing Through a Switchboard," on p. 3-18.)
- Press [Redial/Pause] to enter a pause. (See "Dialing an Overseas Number (With Pauses)," on p. 3-21.)

 Press [◄-] or [+►] to select <ON>, then press [OK].

If no subaddress or password is required, press [<-] or [+>] to select <OFF>, then press [OK]. And press [Stop/Reset] to return to the standby mode.

# 8. Enter the subaddress number you register (max. 20 digits) with the numeric keys, then press [OK].

If you want to attach a subaddress to your send job, make sure that the recipient's fax machine supports ITU-T standard subaddresses.

EX. SUBADDRES=1234\_\_

**9.** Enter the password you register (max. 20 digits) with the numeric keys, then press [OK].

Ex.	
P A S S W O R D = 5 6 7	8 _

**10.** Press [Stop/Reset] to return to the standby mode.



Editing One-Touch Speed Dialing Keys/Coded Speed Dialing Codes

- **1.** Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <1-TOUCH SPD DIAL> or <CODED DIAL>, then press [OK].
- Press [◄-] or [+►] to select the one-touch speed dialing key (01 to 15) or coded speed dialing code (00 to 99) you want to edit, then press [OK].

You can also select a one-touch speed dialing key or coded speed dialing code by pressing the corresponding one-touch speed dialing key, or [Coded Dial] followed by the two-digit code.

5. Press [+▶] repeatedly to go to the character you want to change, then press [Clear].

To delete the entire entry, press and hold [Clear].

6. Enter a new character with the numeric keys, then press [OK].

7. Press [+►] repeatedly to go to the wrong digit, then press [Clear] to delete it. To delete the entire entry, press and hold [Clear].

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- 8. Enter a new number with the numeric keys, then press [OK].
- 9. If you want to change or enter the subaddress, press [◄-] or [+►] to select <ON>, then press [OK].

If no subaddress is required, skip to step14.

Back

- 10. Press [+ ►] repeatedly to go to the digit you want to change, then press [Clear] to delete it.
- **11.** Enter a new subaddress with the numeric keys, then press [OK].
- 12. Press [+ ►] repeatedly to go to the digit you want to change, then press [Clear] to delete it.
- **13.** Enter a new password with the numeric keys, then press [OK].
- 14. Press [Stop/Reset] to return to the standby mode.

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Deleting One-Touch Speed Dialing Keys/Coded Speed Dialing Codes

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <1-TOUCH SPD DIAL> or <CODED DIAL>, then press [OK].
- Press [◄-] or [+►] to select the one-touch speed dialing key (01 to 15) or coded speed dialing code (00 to 99) you want to delete, then press [OK].

You can also select a one-touch speed dialing key or coded speed dialing code by pressing the corresponding one-touch speed dialing key, or [Coded Dial] followed by the two-digit code.

- **5.** Press [OK].
- 6. Press and hold [Clear] to delete the entire entry, then press [OK].

#### Ø NOTE

If you delete the fax number, the registered name is cleared automatically.

7. Press [Stop/Reset] to return to the standby mode.

### Storing/Editing Group Dialing

#### 

The recipients must be registered in one-touch speed dialing keys, or coded speed dialing codes beforehand.

#### **Registering Group Dialing**

- 1. Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <GROUP DIAL>, then press [OK].
- Press [◄-] or [+►] to select an empty one-touch speed dialing key that you want to set as the group address, then press [OK].

You can also select a one-touch speed dialing key by pressing the corresponding one-touch speed dialing key.





5. Enter the group name (max. 20 characters, including spaces) with the numeric keys, then press [OK].

To register another group, repeat the procedure from step 4.

NAME		[A]
Canon	Grou <u>p</u>	

**6.** Select the recipients you want to register in the group (max. 50 destinations) until all destinations are registered, then press [OK].

To enter a recipient stored under a one-touch speed dialing key, press the desired one-touch speed dialing key. To enter a recipient stored under a coded speed dialing code, press [Coded Dial], then enter the two-digit code with the numeric keys. For multiple entries, press [Coded Dial] between each entry.

#### Ø NOTE

-

You can review the destinations which have been already entered with  $[\neg]$  or  $[\uparrow \rightarrow]$ .

# 7. Press [Stop/Reset] to return to the standby mode.

#### **Adding New Recipients to Group**

- 1. Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <GROUP DIAL>, then press [OK].
- Press [◄-] or [+►] to select a group to edit, then press [OK].

You can specify a group to edit by pressing the corresponding one touch speed dialing key.

- **5.** Press [OK].
- **6.** Select the recipient you want to add to the group, then press [OK].

For details on specifying a recipient from Address Book, see "Registering Group Dialing," on p. 3-10.

7. Press [Stop/Reset] to return to the standby mode.

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### **Deleting Recipients from Group**

- 1. Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <GROUP DIAL>, then press [OK].
- 4. Press [◄-] or [+►] to select a group to edit, then press [OK]. You can specify a group to edit by pressing the corresponding one touch speed dialing key.
- **5.** Press [OK].
- 6. Press [◄−] or [+►] to display the recipient you want to delete from the group, then press [Clear].

Repeat this step if you want to delete another recipient.

- **7.** Press [OK].
- 8. Press [Stop/Reset] to return to the standby mode.

### **Changing Group Name**

- **1.** Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <GROUP DIAL>, then press [OK].
- 4. Press [◄-] or [+►] to select a group to edit, then press [OK].

You can specify a group to edit by pressing the corresponding one touch speed dialing key.

5. Press [+►] repeatedly to go to the character you want to change, then press [Clear].

To delete the entire name, press and hold [Clear].

- **6.** Enter a new character with the numeric keys, then press [OK].
- **7.** Press [OK].
- 8. Press [Stop/Reset] to return to the standby mode.

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#### **Deleting Group Dialing**

- **1.** Press [Menu].
- Press [◄-] or [+►] to select < ADDRESS BOOK SET.>, then press [OK].
- Press [◄-] or [+►] to select <GROUP DIAL>, then press [OK].
- Press [◄-] or [+►] to select a group to delete, then press [OK].

You can specify a group to edit by pressing the corresponding one touch speed dialing key.

5. Press [OK].

# **6.** Press [Clear] repeatedly until all recipients are deleted, then press [OK].

### Ø NOTE

- When you delete all recipients, the registered name is cleared automatically.
- If you press [Clear] excessively, the display returns to <ADDRESS BOOK>, and the recipients are left undeleted. Repeat the procedure from step 2.
- 7. Press [Stop/Reset] to return to the standby mode.



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# Machine **Document and Paper** Sending and Receiving Copying Printing (FAX-L160 **System Manager** Settings 6 Maintenance **Troubleshooting**

**Before Using the** 

# **Specifying Recipients**

Follow the procedure below to send documents to registered recipients.

# Using One-Touch Speed Dialing Keys

You can specify up to 15 recipients using one-touch speed dialing keys.

#### **NOTE**

To use this feature, you must register recipients in one-touch speed dialing keys beforehand. (See "Storing/Editing Address Book," on p. 3-7.)

#### 1. Set documents.

If you want to adjust the image guality and density, see "Scan Settings," on p. 3-6.

#### **2.** Press the desired one-touch speed dialing keys (01 to 15).

If you pressed a wrong key, press [Stop/Reset] and try again.

Ex. 🖀 = 0 1 2 3 X X X X X X [05]CANON

3. Press [Start].

# Using Coded Speed Dialing Codes

You can specify up to 100 recipients using coded speed dialing codes.

### 

To use this feature, you must register recipients in coded speed dialing codes beforehand. (See "Storing/Editing Address Book," on p. 3-7.)

### 1. Set documents.

If you want to adjust the image quality and density, see "Scan Settings," on p. 3-6.

2. Press [Coded Dial].

#### 3. Enter the desired two-digit code (00 to 99) with the numeric keys.

```
Ex.
🖀 = 0 1 2 X X X X X X X
 [*01]CANON
```

If you entered a wrong code, press [Stop/Reset], then try again from step 2.

# 4. Press [Start].

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# **Before Using the** Machine **Document and Paper** Sending and Receiving Copying Printing (FAX-L160 System Manager Settings 6 Maintenance Troubleshooting

# Group Dialing

#### **NOTE**

To use this feature, you must register recipients in a group dialing beforehand. (See "Storing/Editing Address Book," on p. 3-7.)

### 1. Set documents.

If you want to adjust the image quality and density, see "Scan Settings," on p. 3-6.

#### **2.** Press the one-touch speed dialing key (01 to 15) under which the desired group dialing is registered.

If you pressed a wrong key, press [Stop/Reset], and perform step 2 again.

3. Press [Start].

### Using Address Book Key

Back

Address Book search enables you to search for a particular recipient registered in the machine. This is useful when you forget which onetouch speed dialing key or coded speed dialing code the recipient you want is registered under.

You can either go through all the recipients registered in the machine (<LIST>), or look up a particular one by their name (<SEARCH>).

#### ΝΟΤΕ

To use this feature, you must register destinations in Address Book beforehand. (See "Storing/Editing Address Book," on p. 3-7.)

### **Listing All Recipients**

#### 1. Set documents.

If you want to adjust the image guality and density, see "Scan Settings," on p. 3-6.

### 2. Press [Address Book].

If no recipient is registered for speed dialing, <NOT REGISTERED> is displayed.

**3.** Press  $[\neg \neg]$  or  $[+ \triangleright]$  to select <LIST>, then press [OK].

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# 4. Press [◄−] or [+►] to find the required recipient.

- The recipients are listed in the order of one-touch speed dialing keys (01 to 15), and coded speed dialing codes (00 to 99).
- For a one-touch speed dialing key or coded speed dialing code with no recipient name registered, their fax number is displayed.

# 5. Press [Start] to start dialing the displayed recipient.

## Looking Up a Recipient

### **1.** Set documents.

If you want to adjust the image quality and density, see "Scan Settings," on p. 3-6.

# **2.** Press [Address Book].

If no recipient is registered for speed dialing, <NOT REGISTERED> is displayed.

### Press [◄-] or [+►] to select <SEARCH>, then press [OK].

# **4.** Use the numeric keys to enter up to 10 first characters of the recipient's name, then press [OK].

Ex.	
SEARCH	[A]
C A N O N	

- Press [ $\bigstar$ ] to switch between input modes:
  - [A]: Letter mode
  - [1]: Number mode
- When the search is complete, the number of recipients that match the characters you entered is displayed in parentheses.
- Press [Clear] to run a new search.

# Press [◄−] or [+►] to find the required recipient.

[◄-]: displays recipients in order of registration.
 [+►]: displays recipients in reverse order.

**6.** When the recipient's name is displayed, press [Start].

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# **Manual Sending**

Use manual sending when you want to talk to the recipient before sending a document, or if the recipient does not have a fax machine that can receive automatically.

#### MOTE

You cannot use group dialing for manual sending.

1. Connect the optional handset or an external telephone to the machine if you want to talk to the recipient before sending a document.

For details on how to connect the optional handset or an external telephone to the machine, see "Connect Telephone Cables" and "Install Optional Handset," in the Starter Guide.

#### 2. Set documents.

If you want to adjust the image quality and density, see "Scan Settings," on p. 3-6.

**3.** Press [Hook] or pick up the optional handset or handset of your external telephone.

### 4. Dial the recipient's fax/telephone number.

### 

Make sure to confirm the dial tone before entering a fax number. If you enter the number before the dial tone can be heard, the call may not connect, or the wrong number may be dialed.

#### 5. Talk through the handset to the recipient.

If you press [Hook] in step 3, you can pick up the handset when you hear the recipient's voice.

If you hear a high-pitched signal instead of the recipient's voice, go to step 7.

- **6.** Ask the recipient to set their fax machine to receive faxes.
- 7. When you hear a high-pitched signal, press [Start], then hang up the handset.

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# **Fax Dialing Features**

### Dialing Through a Switchboard

If your machine is connected to a PBX, register the [R] key so you can easily access the outside line.

### Registering the [R] Key

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <SYSTEM SETTINGS>, then press [OK].
- Press [◄–] or [+►] to select <COMMUNICATIONS>, then press [OK].
- Press [◄-] or [+►] to select <R-KEY SETTING>, then press [OK].
- Press [◄-] or [+►] to select <PBX>, then press [OK].

**6.** Use the numeric keys to enter the prefix number (up to 20 digits), then press [OK].

Ex.	
PREFIX	
_	

7. Press [Stop/Reset] to return to the standby mode.

Dialing using the [R] Key

- **1.** Set documents.
- 2. Press [R] to access the outside line.
- 3. Use the numeric keys to enter the fax number.
- 4. Press [Start].

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# Switching Temporarily to Tone Dialing

If your machine is set for pulse dialing, use the procedure below to switch to tone dialing to use information services (e.g., banks, airline reservations, and hotel reservations).

#### **NOTE**

To talk to the other party, you will need to connect the optional handset or an external telephone to the machine.

#### 1. Press [Hook].

You can also lift the handset instead.

### Ø NOTE

Make sure to confirm the dial tone before entering a fax number. If you enter the number before the dial tone can be heard, the call may not be connected, or the wrong number may be dialed.

- **2.** Use the numeric keys to dial the required information service.
- **3.** When the recorded message of the information service answers, press [Tone] to switch to tone dialing.

If you pressed [Hook] in step 1, you can pick up the handset to talk to the other party.

# 4. Use the numeric keys to enter the numbers requested by the information service.

### 5. If you want to receive faxes, press [Start].

- If you are using the external telephone, hang up the handset after pressing [Start].
- If you are using the optional handset, hang up to disconnect the call.

# Redialing

Redialing can be done manually or automatically. For automatic redialing, you can set how many times the machine redials and the time between redials.

### **Redialing Manually**

- 1. Set documents.
- 2. Press [Redial/Pause].
- 3. Press [Start].

**Ø** NOTE

When <RESTRICT REDIAL> is set to <ON> in the <ACCESS TO DEST.> of the <SYSTEM SETTINGS> menu, redialing is not available.





#### **Redialing Automatically**

The default settings are as follows:

- AUTO REDIAL: <ON>
- REDIAL TIMES: <2TIMES>
- REDIAL INTERVAL: <2MIN.>
- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <TX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <AUTO REDIAL>, then press [OK].
- Press [◄-] or [+►] to select <ON>, then press [OK].

6. Press [◄-] or [+►] to select the number of redials the machine will make, then press [OK].

TIMES	
	2 T I M E S
	TIMES

You can also enter values with the numeric keys.

Press [◄-] or [+►] to select the time (in minutes) between redials, then press [OK].

Ex.	
REDIAL	INTERVAL
	2MIN.

You can also enter values with the numeric keys.

8. Press [Stop/Reset] to return to the standby mode.





# Checking Dialing Line

Checking dialing line function enables you to configure the setting on whether to check for a dial tone.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <TX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <DIALING LINE CHCK>, then press [OK].
- Press [◄-] or [+►] to select <ON>, then press [OK].
- 6. Press [Stop/Reset] to return to the standby mode.

### **Dialing an Overseas Number (With Pauses)**

When you dial or register an overseas number, you may need to insert a pause within the number.

#### **Ø** NOTE

Make sure the LCD shows the fax mode. If the LCD shows the copy mode, press [Stop/Reset].

**1.** Set documents.

# 2. Use the numeric keys to dial the international access code.

For details on international access codes, contact your local telephone company.

**3.** If necessary, press [Redial/Pause] to insert a pause.

Ex.	
<b>ä</b> = 1 2 3 P _	

- The letter <P> is displayed between the numbers.
- <P> in the fax/telephone number represents 2.5-second pause.
- For a longer pause, press [Redial/Pause] again.



- 4. Use the numeric keys to dial the country code, the area code, and the fax/telephone number of the recipient.
- 5. If necessary, press [Redial/Pause] to enter a pause at the end of the number.

The letter <P> appears at the end of the fax number.

6. Press [Start].

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# **Basic Receiving Method**

Follow this procedure to set the machine for receiving faxes. The default setting is <FaxOnly>.

#### 🥢 ΝΟΤΕ

Any data stored in the memory, including received fax documents, will be deleted if you disconnect the power cord of the machine.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX MODE>, then press [OK].

#### Press [◄-] or [+►] to select the receive mode, then press [OK].

<FaxOnly>: Answers all calls as faxes.

<AnsMode>: Receives faxes automatically and records voice messages.

<FaxTel>: Switches between fax and voice calls automatically if the optional handset or an external telephone is connected to the machine. For optional settings, see "FAX/TEL: Optional Settings," on p. 3-24.

<MANUAL>: Does not answer any calls. You have to manually receive faxes. See "Manual Reception," on p. 3-25.

### 🥭 ΝΟΤΕ

- For <FaxTel> or <MANUAL>, make sure the optional handset or an external telephone is connected to the machine.
- For <AnsMode>, make sure an answering machine is connected to the machine.
- 5. Press [Stop/Reset] to return to the standby mode.

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# **Receiving Features**

You can set the fax receive mode to suit your needs, set the machine to receive fax documents into memory (memory lock), and use the external telephone connected to the machine to receive faxes manually (remote reception). You can also set how the received documents are printed.

### FAX/TEL: Optional Settings

If required, change the optional settings as follows:

- 1. Press [Menu].
- 2. Press [◄–] or [+►] to select <FAX SETTINGS>, then press [OK].
- 3. Press [◄−] or [+►] to select <RX SETTINGS>, then press [OK].
- 4. Press  $[\neg -]$  or  $[+ \rightarrow]$  to select <FAX/TEL OPT. SET>, then press [OK].

**5.** For  $\langle RING START TIME \rangle$ , press  $[\neg -]$ ,  $[+ \rightarrow]$ , or the numeric keys to specify the duration (4 to 30 seconds) for which the machine attempts to detect the fax tone before it starts ringing, then press [OK].

If the machine receives a fax, the machine does not ring and switches to the receive mode automatically. The default setting is <6SEC>.

- **6.** For <F/T RING TIME>, press [◄−], [+►], or the numeric keys to specify the duration (10 to 45 seconds) of ringing, then press [OK]. The default setting is <22SEC>.
- 7. For  $\langle F/T SWITCH ACTION \rangle$ , press [ $\neg$ -] or [+>] to select the action the machine will take after the ringing ends, then press [OK].

The default setting is <RECEIVE>. <RECEIVE>: Receives a fax. <DISCONNECT>: Disconnects the call.

8. Press [Stop/Reset] to return to the standby mode.

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### Manual Reception

When you select <Manual> in <RX MODE>, follow the procedure below to receive a fax.

- 1. When the telephone rings, pick up the optional handset/the external telephone or press [Hook].
- 2. Confirm that the modem's connecting sound is heard, then press [Start].
- **3.** Hang up the optional handset or the external telephone.

### Memory Reception

Back

The machine automatically receives faxes in memory when printing is disabled under certain conditions (e.g., toner or paper has run out).

Load paper and press [OK] to start printing faxes stored in memory. For toner empty, the machine automatically starts printing when the error is cleared.

#### 

The machine memory can store up to 346 fax jobs or approximately 346 pages.\*

\* Based on the condition that the other party sends the fax by FAX-L160 with ITU-T Standard Chart No.1, standard mode. The maximum number of pages that the machine's memory can store differs depending on the other party's machine.

- Once the pages are printed, they are deleted from the memory.
- If the memory becomes full, you will not be able to receive the remaining pages. Contact the other party and ask them to resend the remaining pages of the fax.

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## Memory Lock Reception

You can set the machine to store all documents in memory without automatically printing them. The default setting is <OFF>.

- 1. Press [Menu].
- Press [◄-] or [+►] to select <SYSTEM SETTINGS>, then press [OK].

If the System Password has been set, enter the System Password using the numeric keys, then press [OK].

- Press [◄–] or [+►] to select <COMMUNICATIONS>, then press [OK].
- Press [◄-] or [+►] to select <MEMORY LOCK>, then press [OK].

If the memory lock password has already been set, enter the password, then press [OK].

 Press [◄-] or [+►] to select <ON>, then press [OK].

## **Ø** NOTE

When you select <OFF>, the machine starts to print the received documents in memory.

6. If you want to set a password, press [◄−] or
 [+►] to select <PASSWORD>, then press [OK].

If you do not need to set a password, skip to step 8.

7. Use the numeric keys to enter the memory lock reception password (up to seven digits), then press [OK].

Ex. P A S S W O R D = 5 6 7 8 \_

If the memory lock password has already been set, press [+►] repeatedly to go to the digit you want to change, and then press [Clear]. Enter a new number with the numeric keys, then press [OK].

 8. If you want to specify <MEMORY RX TIME>, press [◄-] or [+►] to select <MEMORY RX TIME>, then press [OK].

If you do not need to set the timer for memory lock, skip to step 12.

- Press [◄-] or [+►] to select <ON>, then press [OK].
- **10.** For <MEM. RX START TIME>, use the numeric keys to enter the start time (in 24-hour format), then press [OK].

EX. MEM. RX START TIME <u>0</u>0:00

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- 11. For <MEM. RX END TIME>, use the numeric keys to enter the end time (in 24-hour format), then press [OK].
- 12. Press [Stop/Reset] to return to the standby mode.

Printing All Documents Stored in Memory

- 1. Perform step 1 to 3 in "Memory Lock Reception," on p. 3-26.
- Press [◄-] or [+►] to select <MEMORY LOCK>, then press [OK].
- **3.** Use the numeric keys to enter the memory lock reception password, then press [OK].
- Press [◄-] or [+►] to select <OFF>, then press [OK].

The received documents are printed.

5. Press [Stop/Reset] to return to the standby mode.

## Remote Reception

Back

Remote reception enables you to use an external telephone connected to the machine to receive faxes manually. This can be useful when the machine is not nearby or is being used by someone else.

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The default settings are as follows:

- REMOTE RX: <ON>
- REMOTE RX ID: <25>

## **Registering Remote Reception ID**

Follow this procedure if you want to change the default remote reception ID of 25.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <REMOTE RX>, then press [OK].
- Press [◄-] or [+►] to select <ON>, then press [OK].

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- 6. Use the numeric keys to enter a new remote reception ID (a combination of two characters using 0 to 9), then press [OK].
- 7. Press [Stop/Reset] to return to the standby mode.

Receiving a Fax Remotely

- 1. When you receive a call, pick up the external telephone.
- **2.** Use the numeric keys to enter the two-digit remote reception ID to start reception.

#### **Ø** NOTE

If the machine is set for pulse dialing, press [Tone] to switch to tone dialing before pressing the remote reception ID.

**3.** When the reception is complete, hang up the telephone.

## Selecting the Receive Mode for Printing

You can select whether the machine stores all received pages in the memory before printing them out or prints each page as it is received.

- 1. Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX PRINT>, then press [OK].
- Press [◄-] or [+►] to select desired printing method, then press [OK].

<MEMORY RX>: Prints after all the pages of the document are received. <PRINT RX>: Prints each page as it is received.

**6.** Press [Stop/Reset] to return to the standby mode.

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## Reception Restriction

You can reject incoming faxes from the senders who do not transmit their fax numbers to your machine. The default setting is <OFF>.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX RESTRICTION>, then press [OK].
- Press [◄−] or [+►] to select <ON>, then press [OK].
- 6. Press [Stop/Reset] to return to the standby mode.

## Printing Received Documents

The machine provides the received image reduction.

## **Received Image Reduction**

You can print received documents in a reduced size.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <FAX SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <PRINTER SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX REDUCTION>, then press [OK].
- Press [◄-] or [+►] to select desired setting, then press [OK].

<ON>: Reduces the documents automatically depending on the length of the documents.

<OFF>: Prints documents on a paper without reducing the size. <CUT>: Cuts off the end of a document that does not fit on one page up to 24 mm. When the height of the area to be cut off is more than 24 mm, the document will be printed on the following page without being cut off.

**6.** Press [Stop/Reset] to return to the standby mode.

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## **Advanced Features**

The machine provides the following additional fax modes: broadcasting, delayed sending, polling, and relay.

### Broadcasting

Broadcasting enables you to send the same document to multiple recipients.

### 

- A maximum of 131 destinations can be specified at the same time.
   (Out of the 131 destinations, a maximum of 16 destinations can be specified with the numeric keys.) If you specify a group, which is made up of several destinations, each destination in the group is counted as a separate dialing.
- If you frequently send documents to multiple destinations, it is recommended that you store those destinations as a group.

#### 1. Set documents.

- 2. Press [Add. Mode].
- Press [◄−] or [+►] to select <BROADCAST>, then press [OK].

### 4. Specify the destination.

Back

Use the numeric keys, one touch speed dialing keys, coded speed dialing codes or [Address Book] key to specify recipients. Be sure to press [OK] after entering the recipient's number if you use the numeric keys. You can enter up to 16 different fax numbers using the numeric keys.

### 5. Repeat step 4 to enter all required destinations.

To check all the specified destinations, press [◄–] or [+►] to scroll the display.

6. Press [Start].

## Delayed Sending

Delayed sending enables you to start transmission at a specified time. You can combine other fax features with delayed sending.

- **1.** Set documents.
- 2. Press [Add.Mode].

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## Press [◄-] or [+►] to select <DELAYED TX>, then press [OK].

**4.** Use the numeric keys to enter the time of transmission (in 24-hour format), then press [OK].

TX TIME SET. = 20:00

5. Use the numeric keys, one-touch speed dialing keys, coded speed dialing codes, or [Address Book] key to enter a destination, then press [OK].

You can use the following features to send a fax by pressing [Add. Mode].

<BROADCAST>: Sends the same document to multiple recipients at a time. (See "Broadcasting," on p. 3-30.)

<POLLING RX>: Retrieve documents stored in remote machines for polling. (See "Polling Receiving," on p. 3-32.)

<RELAY>: Sends a document to be relayed to other recipients. (See "Relay," on p. 3-33.)

# **6.** Press [Start] to scan the document for the delayed sending.

## Polling

## **Polling Sending**

Polling sending enables you to send a document in response to the recipient machine's request.

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You can store up to 30 documents in the memory.

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- **1.** Set documents.
- 2. Press [Add.Mode].
- Press [◄-] or [+►] to select <POLLING TX>, then press [OK].
- Press [◄-] or [+►] to select <SINGLE> or <MULTI>, then press [OK].

<SINGLE>: The document will be deleted after it is sent to a recipient. <MULTI>: The document will be retained in memory until manually deleted.

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5. Use the numeric keys to enter the four-digit subaddress, then press [OK].

If no subaddress is required, press [Start].

S	UВ	ΑI	) D [	RΕ	S	=	1	2	3	4_		

**6.** Use the numeric keys to enter the four-digit password, then press [OK].

If no password is required, press [Start].

PASSWORD = 5678_
------------------

7. Press [Start].

Ex.

Ex.

### **Polling Receiving**

Polling receiving enables you to retrieve documents stored in remote machines for polling.

- 1. Press [Add.Mode].
- Press [◄-] or [+►] to select <POLLING RX>, then press [OK].
- **3.** Use the numeric keys, one-touch speed dialing keys, coded speed dialing codes, or [Address Book] key to enter a destination, then press [OK].

If the recipient sets a subaddress and/or password, you also need to set the same subaddress and/or password in the one-touch speed dialing or coded speed dialing codes. See "Storing/Editing One-Touch Speed Dialing Keys/Coded Speed Dialing Codes," p. 3-7.

4. Repeat the previous step to enter all required recipients (up to 131), then press [Start].

You can enter only up to 16 destinations if using the numeric keys.





## Relay

Relay enables you to send a document to a remote machine (relay station), which in turn sends the document to other destinations. (The remote machine needs to have the relay feature.) How the document is handled after it reaches the relay station depends on what function is registered in the station's subaddress.

- **1.** Set documents.
- **2.** Press [Add.Mode].
- Press [◄-] or [+►] to select <RELAY>, then press [OK].
- 4. Use the numeric keys, one-touch speed dialing key, coded speed dialing, or [Address Book] key to specify the relay station, then press [OK].
- 5. Use the numeric keys to enter the relay station's subaddress (up to 20 digits), then press [OK].

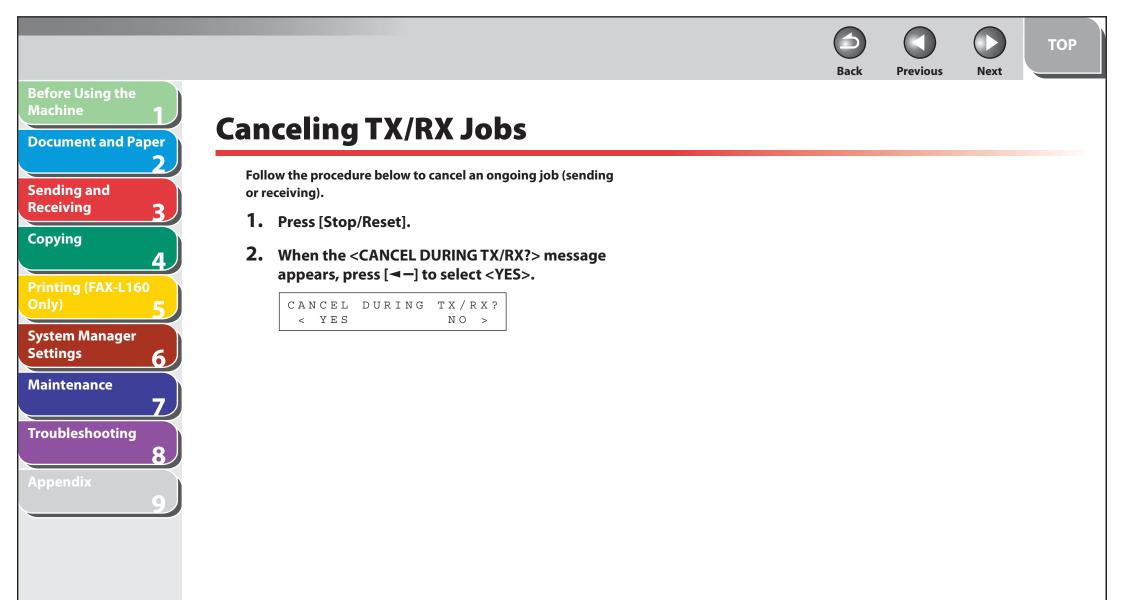


**6.** Use the numeric keys to enter the password (up to 20 digits).

If no password is required, press [Start].

PASSWORD = 5678\_

7. Press [Start].







## **Before Using the** Machine **Document and Paper** Sending and Receiving Copying Printing (FAX-L160 System Manager Settings 6 Maintenance Troubleshooting

# **Checking and Deleting TX/RX Jobs**

System monitor enables you to view the transmission and reception results, monitor the status of the send and receive jobs currently being processed.

## Checking Transmission/Reception Results

- **1.** Press [System Monitor].
- Press [◄-] or [+►] to select <TX/RX LOG>, then press [OK].
- 3. Press [◄–] or [+►] to view the required transmission/reception result.
- 4. Press [Stop/Reset] to return to the standby mode.

- Checking and Deleting Fax Documents Stored in Memory
- **1.** Press [System Monitor].
- Press [◄-] or [+►] to select <TX STATUS>, then press [OK].
- 3. Press [◄-] or [+►] to scroll through the job list, and check the status of the fax jobs.

If you want to delete the job, go to step 4. Otherwise, press [Stop/ Reset] to return to the standby mode.

 Press [◄-] or [+►] to select the desired job, then press [OK].

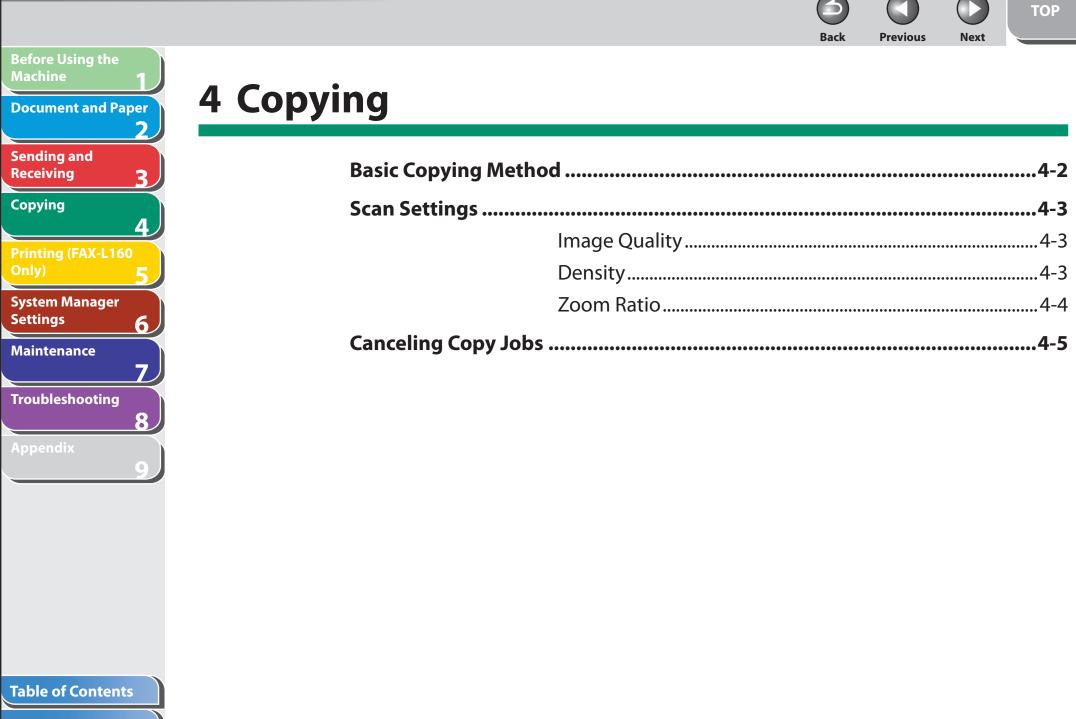
## Ø NOTE

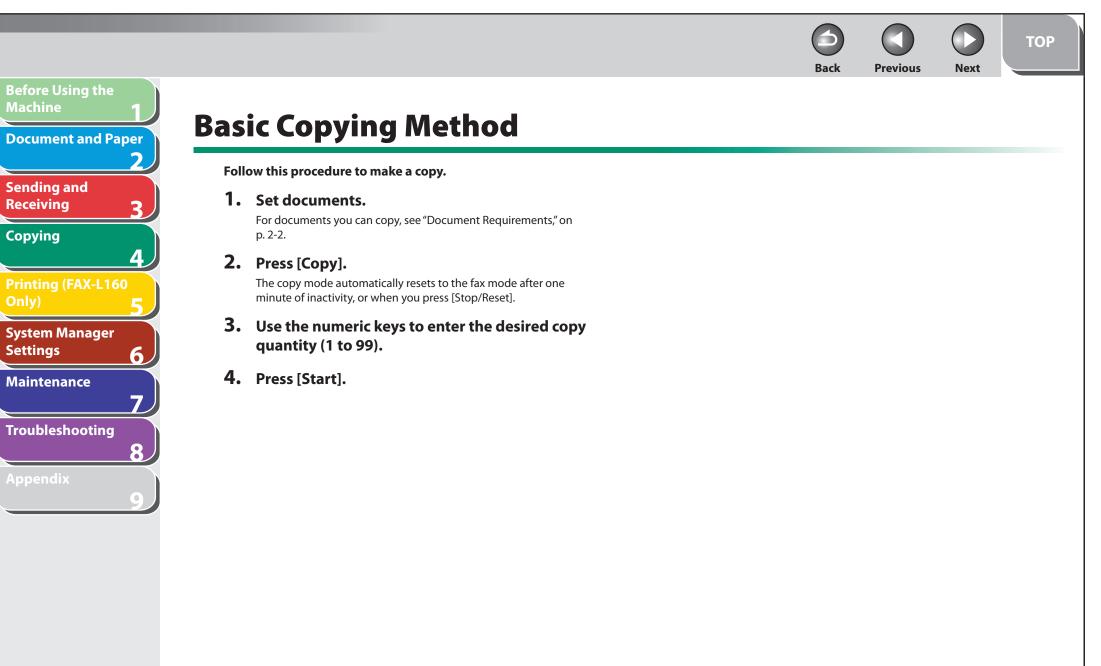
For <BROADCAST>, all recipients entered for a broadcasting job will be canceled.

**5.** Press [◄−] to select <YES>.

If you do not want to cancel the job, press [+ >] to select <NO>.

6. Press [Stop/Reset] to return to the standby mode.







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## **Scan Settings**

Before pressing [Start] to begin copying, you can adjust the settings to better suit the document to be scanned. These settings return to the default values if the machine remains idle for one minute or if you press [Stop/Reset].

## Image Quality

The default setting is <TEXT>.

- 1. Press [Copy].
- 2. Press [Image Quality] repeatedly to select the document type.

<TEXT>: for text documents <PHOTO>: for documents that contain fine text or photos <TEXT/PHOTO>: for documents that contain text and photos

### **NOTE**

- When you press [Stop/Reset], the setting will be canceled. If you want to keep the settings, set the image quality as following:
- $[Menu] \rightarrow \langle COPY \ SETTINGS \rangle \rightarrow \langle STANDARD \ SETTINGS \rangle \rightarrow \langle STANDARD$  $\langle IMAGE QUALITY \rangle \rightarrow Press [ \neg ] or [ + 
  ightarrow ] to select the desired$ document type.
- Copy density automatically changes to the manual mode when <TEXT/PHOTO> or <PHOTO> is set.

## Density

You can adjust the density to the most appropriate level for the document either automatically or manually. The default setting is <MANUAL> (5).

## **Adjusting Automatically**

## 1. Press [Copy].

2. Press [Density] repeatedly to select <AUTO>, then press [OK].

The image quality is automatically set to <TEXT>.

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## Adjusting Manually

- **1.** Press [Copy].
- 2. Press [Density] repeatedly to select the manual mode.
- Press [◄-] or [+►] to adjust the copy density, then press [OK].

#### 

[◀−]: to make dark documents lighter

[+►]: to make light documents darker

## Ø NOTE

When you press [Stop/Reset], the setting will be canceled. If you want to keep the settings, set the density as following: [Menu]  $\rightarrow$  <COPY SETTINGS>  $\rightarrow$  <STANDARD SETTINGS>  $\rightarrow$ <DENSITY>  $\rightarrow$  <MANUAL> (See "Setting Menu," on p. 9-5.)

## Zoom Ratio

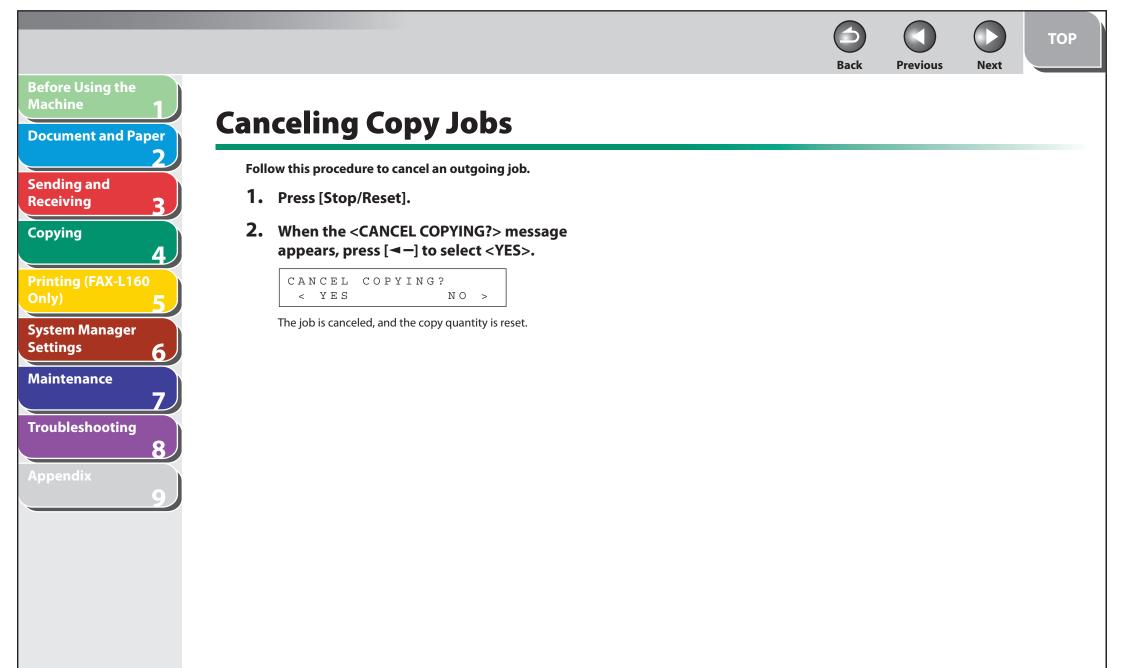
You can reduce or enlarge images by any copy ratio, in 1% increments. The available copy ratios are from 50% to 200%. The default setting is <100%>.

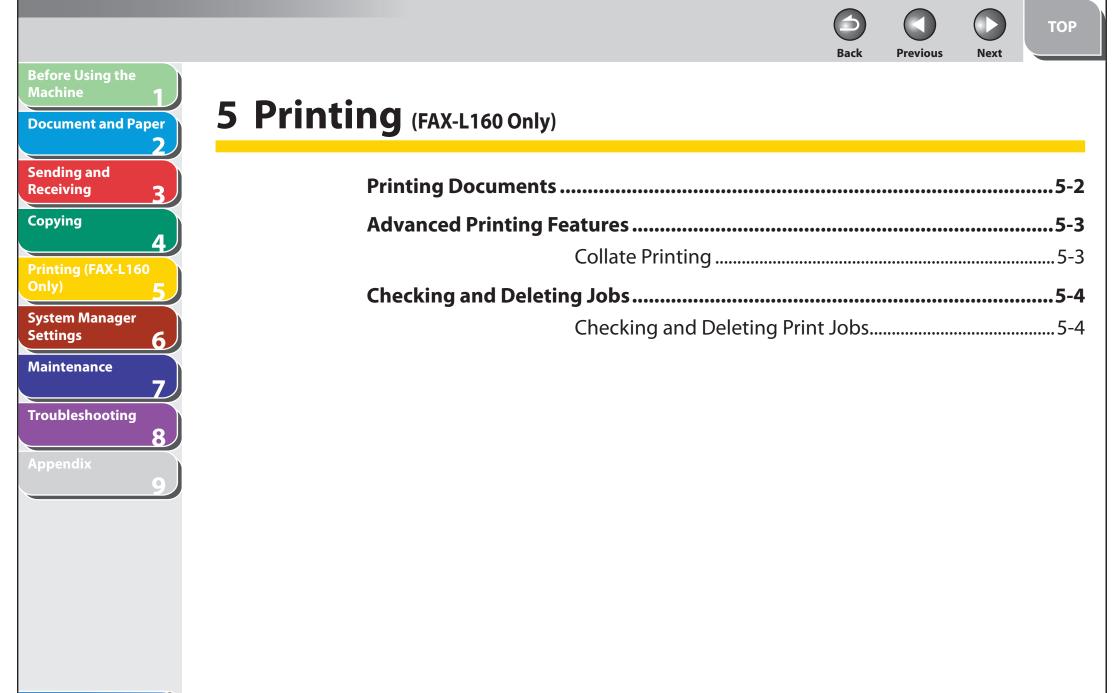
- 1. Press [Copy].
- Press [◄-] or [+►] to adjust the zoom ratio, then press [OK].

[◄-]: to decrease the zoom ratio[+►]: to increase the zoom ratio

## 

When you press [Stop/Reset], the setting will be canceled. If you want to keep the settings, set the zoom ratio as following: [Menu]  $\rightarrow$  <COPY SETTINGS>  $\rightarrow$  <STANDARD SETTINGS>  $\rightarrow$  <ZOOM RATIO>  $\rightarrow$  Press [ $\neg$ ] or [+  $\triangleright$ ] to change the zoom ratio.





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## **Printing Documents**

Follow this procedure to print a document from your computer. Make sure that the printer driver is installed. To check if the driver is installed, see "Software Settings with Computer" in the Starter Guide.

For details on the printer driver settings, see Online Help.

#### MOTE

How to display the print screen or items on the screen may vary depending on your application and/or OS.

- From an open document on an application, click [File] → [Print].
- 2. Select the printer icon for the machine ([Canon L90/L160/L230 UFRII LT]), then click [Preferences] or [Properties] to open the dialog box.
- **3.** After finished setting, click [OK].
- 4. Click [Print] or [OK].

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## **Advanced Printing Features**

## Collate Printing

You can print documents collated into sets arranged in page order. For example, when printing multiple copies of a 3-page document, the print order is 1, 2, 3, 1, 2, 3, and so on.

- From an open document on an application, click [File] → [Print].
- 2. Select the printer icon for the machine ([Canon L90/L160/L230 UFRII LT]), then click [Preferences] or [Properties] to open the dialog box.
- **3.** Click the [Finishing] tab.
- 4. For [Finishing], select [Collate], then click [OK].
- 5. On the [Print] dialog box, click [Print] or [OK].

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## **Checking and Deleting Jobs**

System monitor enables you to monitor the status of the print jobs currently being processed.

#### Ø NOTE

Make sure that the Processing/Data indicator is turned on. When the Processing/Data indicator is turned off, all print jobs are erased from the memory.

## Checking and Deleting Print Jobs

- **1.** Press [System Monitor].
- Press [◄-] or [+►] to select <PRINT STATUS>, then press [OK].
- 3. Press [◄-] or [+►] to scroll through the job list, and check the status of the print jobs.

If you want to delete the job, go to step 4. Otherwise, press [Stop/ Reset] to return to the standby mode.

 Press [◄-] or [+►] to select the desired job, then press [OK]. 5. Press [◄−] to select <YES>.

If you do not want to cancel the job, press [+►] to select <NO>.

6. Press [Stop/Reset] to return to the standby mode.

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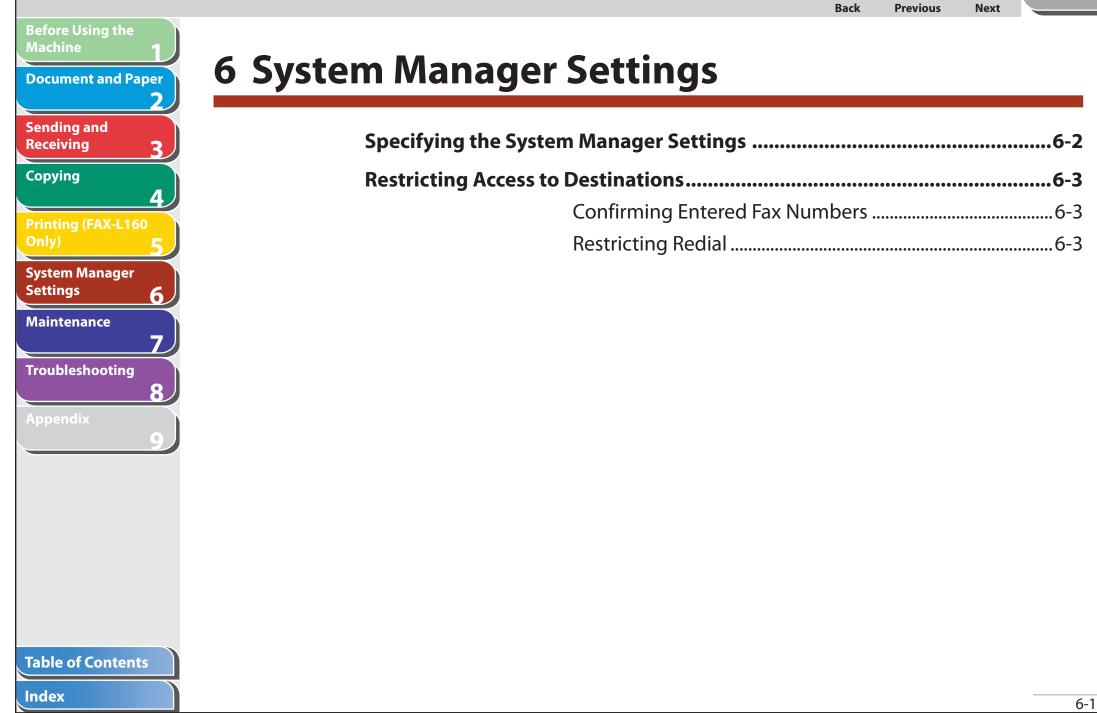
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## **Specifying the System Manager Settings**

You can set a password for the System Manager. Once the System Password is set, restrictions can be placed on storing or changing the System Settings.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <SYSTEM SETTINGS>, then press [OK].

If the System Password has been set, enter the System Password using the numeric keys, then press [OK].

- Press [◄-] or [+►] to select <SYS. MANAGER INFO>, then press [OK].
- 4. Press [◄-] or [+►] to select <SYSTEM PASSWORD>, then press [OK].
- 5. Use the numeric keys to enter a number (up to seven digits), then press [OK].

### **Ø** NOTE

If you make a mistake when entering a number, press [Clear] to clear the entire number, and then enter the correct number.

6. Press [Stop/Reset] to return to the standby mode.



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## **Restricting Access to Destinations**

You can send the documents with following restrictions or settings.

- Confirming Entered Fax Numbers
- Restricting Redial

## Confirming Entered Fax Numbers

You can specify whether or not to confirm the entered fax numbers each time you send a fax. The default setting is <OFF>.

- 1. Press [Menu].
- 2. Press [◄−] or [+►] to select <SYSTEM SETTINGS>, then press [OK].

If the System Password has been set, enter the System Password using the numeric keys, then press [OK].

 Press [◄−] or [+►] to select <ACCESS TO DEST.>, then press [OK].

- Press [◄-] or [+►] to select <CONFIRM FAX NO.>, then press [OK].
- Press [◄-] or [+►] to select <ON> or <OFF>, then press [OK].

<OFF>: The confirmation screen does not appear. <ON>: The confirmation screen appears when you enter a fax number using the numeric keys.

6. Press [Stop/Reset] to return to the standby mode.

## Restricting Redial

You can specify whether or not to allow using [Redial/Pause]. The default setting is <OFF>.

- 1. Press [Menu].
- 2. Press [◄-] or [+►] to select <SYSTEM SETTINGS>, then press [OK].

If the System Password has been set, enter the System Password using the numeric keys, then press [OK].

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- Press [◄-] or [+►] to select <ACCESS TO DEST.>, then press [OK].
- 4. Press [◄−] or [+►] to select <RESTRICT REDIAL>, then press [OK].
- Press [◄-] or [+►] to select <ON> or <OFF>, then press [OK].
- **6.** Press [Stop/Reset] to return to the standby mode.

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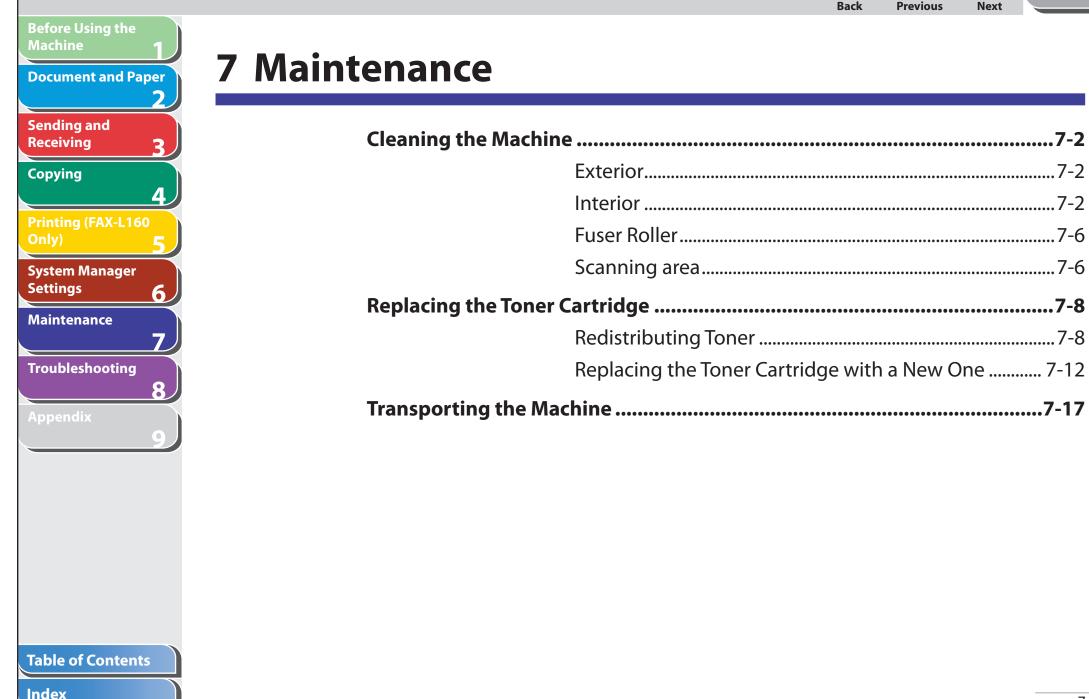
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## **Before Using the** Machine **Document and Paper** Sending and Receiving Copying Printing (FAX-L160 System Manager Settings 6 Maintenance Troubleshooting

## **Cleaning the Machine**

#### Note the following before cleaning your machine:

- Make sure no document is stored in memory, and disconnect the power cord.
- Use a soft cloth to avoid scratching the components.
- Do not use tissue paper, paper towels, or similar materials for cleaning; they can stick to the components or generate static charges.

## 

Never use volatile liquids such as thinners, benzene, acetone, or any other chemical cleaner to clean the machine. These can damage the machine components.

#### Ø NOTE

When you disconnect the power cord, the documents stored in memory will be erased. To check the jobs stored in memory, see the following:

- Checking and Deleting Fax Documents Stored in Memory on p. 3-35
- Checking and Deleting Print Jobs on p. 5-4

## **Exterior**

- **1.** Disconnect the power cord from the machine.
- 2. Wipe the machine's exterior with a clean, soft, lint-free cloth dampened with water or diluted dishwashing detergent solution.
- **3.** Wait for the machine to dry, then reconnect the power cord.

## Interior

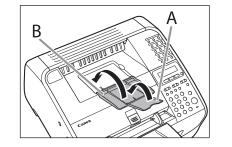
Clean the machine's print area periodically to prevent toner powder and paper dust from accumulating inside.

1. Disconnect the power cord from the machine.





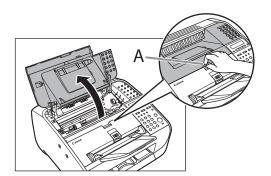
2. Close the paper delivery tray extension (A), and then the paper delivery tray (B) itself.



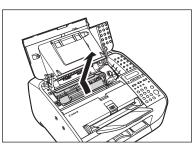
#### 

Do not close the paper delivery tray without folding the extension first.

### **3.** Open the toner cover by the notch (A).



4. Remove the toner cartridge.



## 

- Do not touch the rollers and parts which have labels "CAUTION! Hot surface avoid contact" on. They become very hot during use.
- To avoid exposing the toner cartridge to light, place it in its protective bag or wrap it in a thick cloth.
- Do not open the drum protective shutter on the toner cartridge.
   Print quality may deteriorate if the drum surface is exposed to light or is damaged.

#### **Ø** NOTE

Always hold the toner cartridge by its handle.

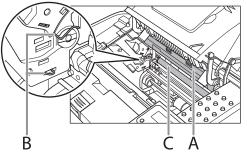




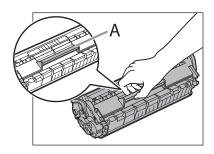
5. Use a clean, soft, dry, lint-free cloth to remove any toner or paper debris from the machine's interior.

### 

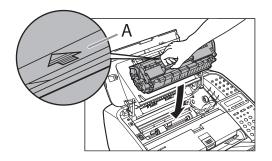
- Do not touch the fixing assembly (A) as it becomes very hot during use.
- Do not touch the pins (B) or the transfer roller (C) as this can damage the machine.



 If loose toner comes into contact with your skin or clothing, wash with cold water. Warm water will set the toner. 6. Hold the toner cartridge by its handle (A).



7. The arrow (A) on the toner cartridge should be facing away from you and pointing down.



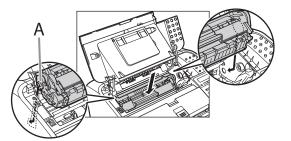
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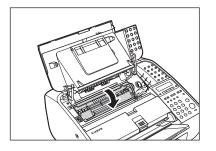
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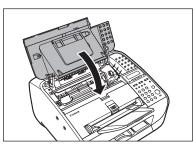
8. Insert the toner cartridge so that the guide (A) on the left side of the toner cartridge fits into the groove inside the machine and slide it down parallel to the guide.

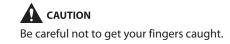


**9.** Push the toner cartridge to make sure it is properly set in the machine.



**10.** Close the toner cover.





**11.** Reconnect the power cord.

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### Fuser Roller

If black streaks appear with printing, the fuser roller in the main unit may be dirty. Should this occur, clean the fusing roller in the following procedure. The roller should also be cleaned each time the toner cartridge is replaced. Load a sheet of blank A4 paper into the paper feeder and start cleaning.

#### MOTE

Cleaning the roller takes approximately 180 seconds.

- 1. Press [Menu].
- Press [◄-] or [+►] to select <ADJUST./ CLEANING>, then press [OK].
- **3.** Make sure that a sheet of blank A4 paper is in the paper feeder.
- Press [◄-] or [+►] to select <FIX.UNIT CLEANING>, then press [OK].

### Ø NOTE

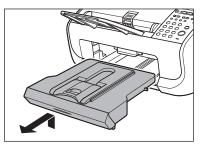
Use standard paper as the cleaning paper. Throw away the cleaning paper after use.

## Scanning area

Keep the scanning area clean to avoid dirty copies or faxes to be sent.

If your documents have black streaks or appear dirty after copying them using the ADF, this may be caused by pencil lead rubbing off the documents and onto the roller. Clean the ADF scanning area and roller.

- **1.** Disconnect the power cord from the machine.
- 2. Lift the paper stack cover and pull it out completely.



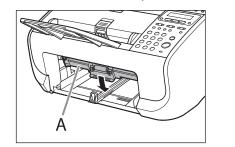
**Ø** NOTE

Make sure the back end of the cover does not catch the front paper guide.

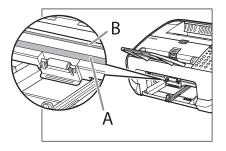




**3.** Lower the scanning platform (A) in the document delivery slot.

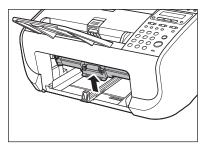


4. Gently wipe the scanning glass (A) and white sheet (B) with a clean, soft, lint-free cloth moistened with water.

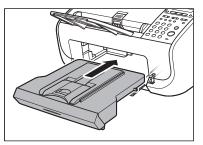


Do not dampen the cloth too much, as this may tear the document or damage the machine.

5. After the scanning area becomes dry, lift the scanning platform back into place.



6. Insert the paper stack cover.



Ø NOTE

Make sure the back end of the cover does not catch and lower the scanning platform.

7. Reconnect the power cord.

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## **Replacing the Toner Cartridge**

When the toner is running low, the message <TONER LOW/ PREPARE NEW TONER> appears on the LCD. We recommend that you prepare a new toner cartridge for future replacement with ease.

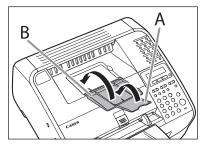
When the message <OUT OF TONER /CHANGE TONER> appears, redistribute toner in the toner cartridge. If the message persists, replace the toner cartridge with a new one. When toner empty error occurs while receiving fax, printing fax is interrupted and the received data will be stored in the memory. If you set <CONT. PRINTING> in <PRINTER SETTINGS> in <FAX SETTINGS> to <ON>, you can keep printing fax documents or reports without replacing the toner cartridge. The default setting for <CONT.PRINTING> is <OFF>. (See "Setting Menu," on p. 9-5.)

### CAUTION

- When <CONT. PRINTING> is set to <ON>, the printed documents may be light or blurred because of lack of toner. The data is erased when the documents are printed out, so you can not print the same documents again.
- Do not touch the rollers and parts which have labels "CAUTION! Hot surface avoid contact" on. They become very hot during use.

## Redistributing Toner

**1.** Close the paper delivery tray extension (A), and then the paper delivery tray (B) itself.

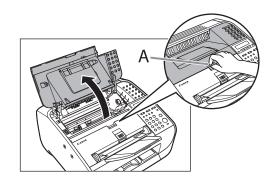


Do not close the paper delivery tray without folding the extension first.

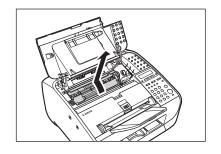




**2.** Open the toner cover by the notch (A).



**3.** Remove the toner cartridge.

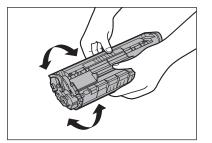


## 

Do not touch the rollers and parts which have labels "CAUTION! Hot surface avoid contact" on. They become very hot during use.

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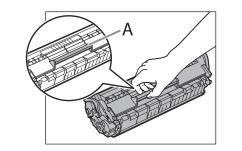
4. Gently rock the toner cartridge several times to evenly distribute the toner inside.



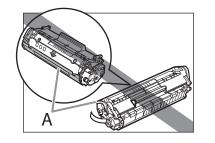
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5. Hold the toner cartridge by its handle (A).

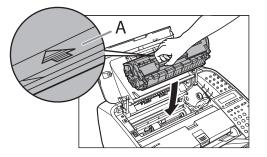


**CAUTION** Do not open the drum protective shutter (A).

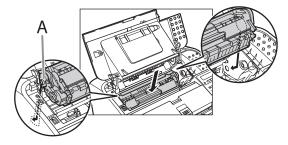


**NOTE** Always hold the toner cartridge by its handle.

**6.** The arrow (A) on the toner cartridge should be facing away from you and pointing down.



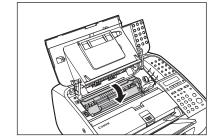
7. Insert the toner cartridge so that the guide (A) on the left side of the toner cartridge fits into the groove inside the machine and slide it down parallel to the guide.



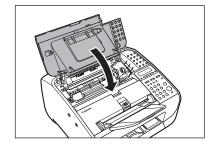




8. Push the toner cartridge to make sure it is properly set in the machine.



**9.** Close the toner cover.

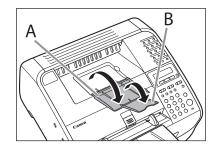


**CAUTION** Be careful not to get your fingers caught.

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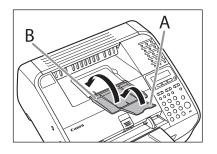
**10.** Open the paper delivery tray (A) and the extension (B).







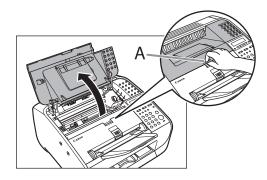
- Replacing the Toner Cartridge with a New One
- 1. Close the paper delivery tray extension (A), and then the paper delivery tray (B) itself.



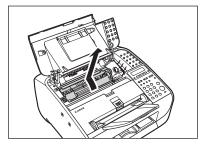


Do not close the paper delivery tray without folding the extension first.

**2.** Open the toner cover by the notch (A).



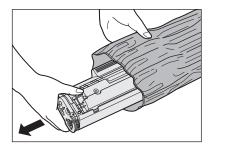
**3.** Remove the toner cartridge.



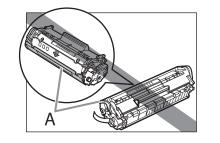




4. Remove the new toner cartridge from the protective bag.



**CAUTION** Do not open the drum protective shutter (A).



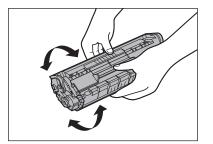
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Save the protective bag. You may need it later when you remove the toner cartridge from the machine.

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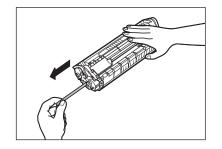
5. Gently rock the toner cartridge several times to evenly distribute the toner inside.

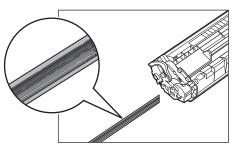






**6.** Hold the toner cartridge with one hand, and pull the seal completely out.



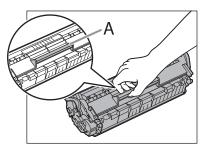


- If toner is adhered on the removed seal, be careful that your hands or clothes do not get dirty from touching the toner.
- If your hands or clothes get dirty from touching the toner, wash them immediately in cold water. Do not use hot water. If you do, the toner may be set permanently.

#### 🥟 ΝΟΤΕ

Do not pull the seal out at an angle.

7. Hold the toner cartridge by its handle (A).



## 

Do not open the drum protective shutter on the toner cartridge. Print quality may deteriorate if the drum surface is exposed to light or is damaged.

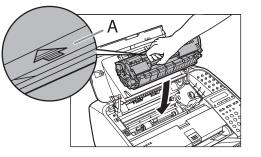
### Ø NOTE

Always hold the toner cartridge by its handle.

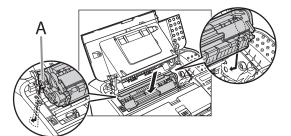




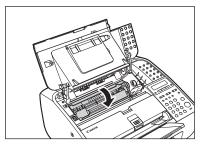
8. The arrow (A) on the toner cartridge should be facing away from you and pointing down.



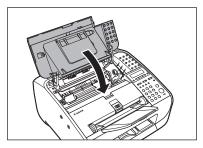
**9.** Insert the toner cartridge so that the guide (A) on the left side of the toner cartridge fits into the groove inside the machine and slide it down parallel to the guide.

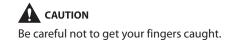


**10.** Push the toner cartridge to make sure it is properly set in the machine.



**11.** Close the toner cover.





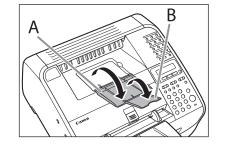


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### **12.** Open the paper delivery tray (A) and the extension (B).





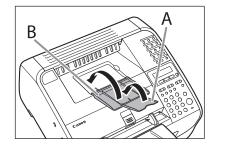
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## **Transporting the Machine**

Follow this procedure to avoid vibration damage to the machine when transporting it over a long distance.

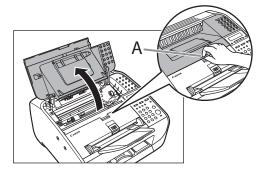
- 1. Disconnect the power cord and all the cables from the back of the machine.
- 2. Close the paper delivery tray extension (A), and then the paper delivery tray (B) itself.



## 

Do not close the paper delivery tray without folding the extension first.

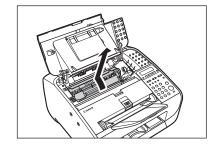
**3.** Open the toner cover by the notch (A).





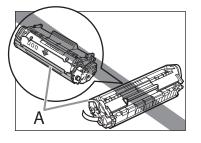


### 4. Remove the toner cartridge.

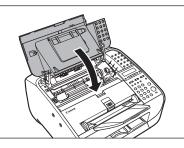


### 

- To avoid exposing the toner cartridge to light, place it in its protective bag or wrap it in a thick cloth.
- Do not open the drum protective shutter (A).



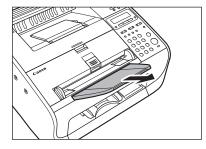
**NOTE** Always hold the toner cartridge by its handle. **5.** Close the toner cover.



## 

Be careful not to get your fingers caught.

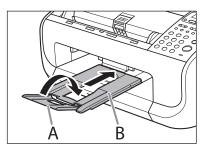
### **6.** Detach the document feeder tray.







7. Fold the document delivery tray extension (A), and then push the document delivery tray (B) into the machine.



Do not open or close the document delivery tray extension without extending the document delivery tray first.

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## **Clearing Jams**

When <CHECK DOCUMENT> or <PAPER JAM/OPEN TONER COVER> appears on the LCD display, remove jammed paper from the machine first, then from the paper feeder if necessary. Check the following if you experience repeated paper jams:

- Fan and tap the paper stack on a flat surface before loading it in the machine.
- Check that the paper you are using meets the requirements for use. (See "Paper Requirements," on p. 2-5.)
- Make sure you have removed any scraps of paper from the inside of the machine.

## CAUTION

- When removing jammed documents or paper, take care not to cut your hands on the edges of the document or paper.
- When removing jammed paper or when inspecting the inside of the machine, do not allow necklaces, bracelets, or other metal objects to touch the inside of the machine, as this may result in burns or electrical shock.
- If you tear the paper, remove any torn pieces to avoid further jams.
- If loose toner comes into contact with your skin or clothing, wash with cold water. Warm water will set the toner.

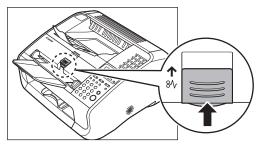
## MOTE

Do not force a jammed document or paper out of the machine. Contact your local authorized Canon dealer or the Canon help line for assistance if needed.

#### **Document Jams**

When <CHECK DOCUMENT> appears on the LCD display, remove a jammed document from the ADF.

### 1. Lift the document release lever.



If a multi-page document is loaded, remove the entire document from the ADF.

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**Document and Paper** 

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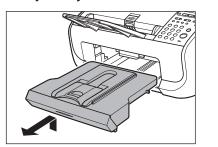
Copying

Settings





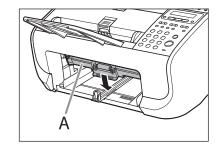
2. Lift the paper stack cover and pull it out completely.



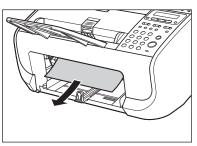
### Ø NOTE

Make sure the back end of the cover does not catch the front paper guide.

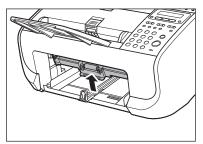
**3.** Lower the scanning platform (A) in the document delivery slot.



4. Carefully pull out the jammed document.



5. Lift the scanning platform back into place.

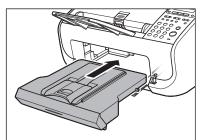


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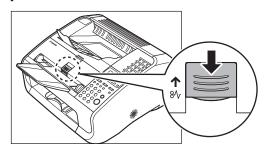
### 6. Insert the paper stack cover.



#### **NOTE**

Make sure the back end of the cover does not catch and lower the scanning platform.

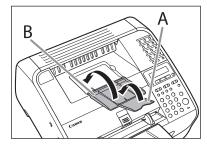
## 7. Lower the document release lever back into place.



## Paper Jams

When <PAPER JAM/OPEN TONER COVER> appears on the LCD display, remove jammed paper from the inside of the machine first, then from the paper feeder if necessary.

1. Close the paper delivery tray extension (A), and then the paper delivery tray (B) itself.



## 

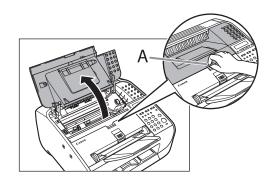
Do not close the paper delivery tray without folding the extension first.



TOP

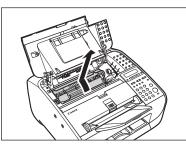


**2.** Open the toner cover by the notch (A).



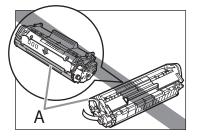
Always open the toner cover first before removing jammed paper inside the machine.

**3.** Remove the toner cartridge.



## 

- To avoid exposing the toner cartridge to light, place it in its protective bag or wrap it in a thick cloth.
- Do not open the drum protective shutter (A).



**NOTE** Always hold the toner cartridge by its handle.



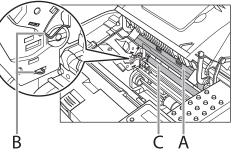


## 4. Gently pull jammed paper out of the machine.



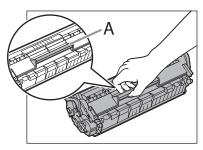
### 

- Do not touch the fixing assembly (A) as it becomes very hot during use.
- Do not touch the pins (B) or the transfer roller (C) as this can damage the machine.

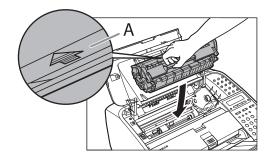


- If you tear the paper, remove any torn pieces to avoid further jams.
- If loose toner comes into contact with your skin or clothing, wash with cold water. Warm water will set the toner.

5. Hold the toner cartridge by its handle (A).



**6.** The arrow (A) on the toner cartridge should be facing away from you and pointing down.



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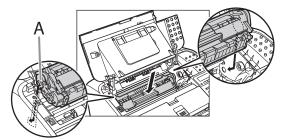
TOP

Back Previo

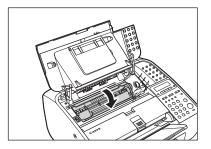




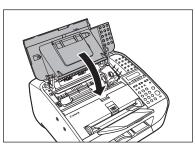
7. Insert the toner cartridge so that the guide (A) on the left side of the toner cartridge fits into the groove inside the machine and slide it down parallel to the guide.

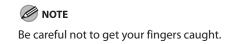


8. Push the toner cartridge to make sure it is properly set in the machine.

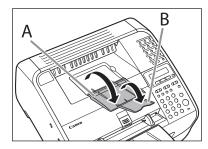


9. Close the toner cover.





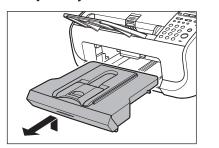
**10.** Open the paper delivery tray (A) and the extension (B).







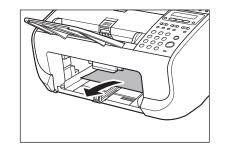
## **11.** Lift the paper stack cover and pull it out completely.



## Ø NOTE

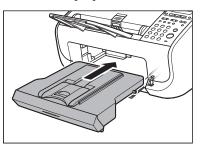
Make sure the back end of the cover does not catch the front paper guide.

## **12.** Carefully pull jammed paper from inside the slot.



#### **NOTE** If you tear the paper, remove any torn pieces to avoid further jams.

#### **13.** Insert the paper stack cover.



## 

Make sure the back end of the cover does not catch and lower the scanning platform.

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occurred in the machine.

messages below.

- <LOAD PAPER>

displayed with it.

TOP

#### Previous Next

The machine temporarily received the fax in memory because an error of some kind has

This error message appears with one of the

- <TONER LOW/PREPARE NEW TONER>
 - <SET PAPER AGAIN/SET TONER AGAIN>
 - <PAPER JAM /OPEN TONER COVER>

This error message appears with another

message. When the error is resolved, the received data will be printed out. For how to solve the problem, see the action for the messages

- <CLOSE COVER/TONER COVER>
 - <LOAD CORRECT PAPER>

D The same recipient was entered twice.	CANNOT PRINT R	RX DATA
	Description	
	Description	The
Select a different recipient.		me occ
1		Thi
		me 
This message shows the percentage of the		_ <
		- <
		_ • _ •
		_ ·
	Action	Thi
		me
		dat pro
		disp
r		This message shows the percentage of the memory currently available. If you need more space, wait for the machine to send any documents in memory. Also print, send, or delete any documents stored in memory.

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**CHECK DOCUMENT** 

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CANNOT REGIST	MORE
Description	The number of entered recipients for broadcasting has already reached the upper limit (131).
Action	Send the document separately.
Description	The number of registered recipients for group dialing has already reached the upper limit (50).
Action	Register a different one-touch speed dialing key for group dialing.
Description	The number of memory stored in Polling TX has already reached the upper limit (30).
Action	Wait for the sending to complete or delete the unnecessary documents.
Description	The number of entered recipients for Polling RX has already reached the upper limit (131).
Action	Send the document separately.
CANNOT USE FU	NCTION
Description	Redialing is not available with [Redial/Pause]. This message appears when <restrict redial=""> is set to <on> in the <access dest.="" to=""> of the <system settings=""> menu.</system></access></on></restrict>

Dial the number manually.

Action

Description	A document jam may have occurred in the ADF.	
Action	Remove the jammed document.	
Description	The document is longer than 400 mm.	
Action	Reduce the length of the document to within 400 mm, then try again.	
CHECK DESTINATION		
Description	The fax number entered at the second time is different from the one entered at the first time. This message appears when <confirm fax<br="">NO.&gt; is set to <on> in the <access dest.="" to=""> of the <system settings=""> menu.</system></access></on></confirm>	
Action	Check if the fax number is correct, then enter the same fax number as the first one after pressing [Start].	
CHECK SCANNING A	REA	
Description	The scanning platform is dirty, or not set into scanning position.	
Action	Clean the scanning area, or lift the scanning platform into place.	

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The toner cover is not closed completely.
Check the toner cover, and make sure that it is completely closed.
The optional handset or the external telephone is off the hook.
Hang up the optional handset or the external telephone.
This message appears when connecting the power cord, or when the machine is not ready for printing.
Wait until the message disappears.
PER
The size of the paper in the paper feeder is different from that of the paper specified in <cassette> of the <paper settings=""> menu.</paper></cassette>
Load the correct size paper or change the paper size in <cassette> of the <paper settings=""> menu. For more information, see "If <load CORRECT PAPER&gt; is displayed," on p. 8-18.</load </paper></cassette>

LOAD PAPER	
Description	No paper is loaded in the paper feeder.
Action	Load paper correctly. Then press [OK] when using the paper feeder.
LOST IMAGE	
Description	The machine was turned off when any documents were stored in the machines memory. Please note that any data stored in the memory, including received fax documents, will be deleted if you disconnect the power cord of the machine.
Action	The error is automatically released after two seconds, and the machine automatically prints out the lost report that shows the records still existing in the activity report.

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MEMORY FULL	
Description	The machine is full of jobs.
Action	Print, send, or delete any documents stored in memory.
Action	Divide the document stack into a few parts and try again one by one.
Action	Send the document with low resolution.
Description	The number of TX/RX jobs that can be stored in memory reached the maximum.
Action	The maximum numbers of jobs that can be stored in memory are as follows (Based on the condition that the other party sends the fax by
	FAX-L160 with ITU-T Standard Chart No.1, mode); Up to 256 jobs for sending and receiving. Wait for the machine to send any documents in memory.
	Also print, send, or delete any documents stored in memory.

NOT AVAILABLE	
Description	You pressed the one-touch speed dialing key or coded speed dialing that has already been registered, when you are registering group dialing.
Description	You pressed the group dialing that has already been registered, when you are registering a one-touch speed dialing or coded speed dialing.
Action	Register the one-touch speed dialing key or coded speed dialing that is not used.
Description	The number of entered recipients for broadcasting by the numeric keys has already reached the upper limit (16).
Action	Enter not more than 16 recipients for broadcasting by the numeric keys.
Description	You have specified the group dialing when the line is off the hook or [Hook] key is pressed.
Action	Specify the recipient other than group dialing.
Description	A group dialing key is used for Relay TX.
Action	Enter the recipients except group dialing keys.

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System Manager Settings	6	er JA
Maintenance	7 Des Acti	cripti
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Appendix	9	

OT REGISTERED	
escription	No destination is registered for the one-touch speed dialing key or coded speed dialing you pressed.
ction	Register the destinations before using the Address Book function.
UT OF TONER HANGE TONER	
escription	Toner has run out.
ction	Install a new cartridge.
APER JAM PEN TONER COVER	
escription	Paper jams have occurred in the machine.
ction	Clear the paper jam (See "Paper Jams," on p. 8-5.) and reload paper in the paper feeder.

PRINTER DATA ERRO CHECK PRINTER	R*
Description	The data from the PC was not printed.
Action	Check if the software is installed properly or if the printer cable is properly connected.
Action	Check if the memory is full.
* Only for the FAX-L16	50.
REGISTERING KEY CANNOT REGISTER	
Description	The selected one-touch speed dialing key is already used as the group dialing key it is being assigned to.
Action	Select a different one-touch speed dialing key.
SET DOCUMENT	
Description	No document was set on the machine when
	[Start] was pressed. (in the copy/fax mode)

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Before Using the Machine 1 Document and Paper	SYSTEM ERROR EXXX	
2 Sending and Receiving 3	Description	A system error has occurred. <xxx> will be a three-digit code that indicates a particular type of error.</xxx>
Copying 4 Printing (FAX-L160 Only) 5	Action	Unplug the machine. Wait for at least 5 seconds and reconnect the power cord. If the message persists, disconnect the power cord, and contact your local authorized Canon dealer or the Canon help line.
System Manager Settings	SET PAPER AGAIN SET TONER AGAIN	
Maintenance	Description	Paper is not loaded properly, or the toner cartridge is not set.
Troubleshooting 8 Appendix 9	Action	Load paper properly. (For instructions on how to load paper in the paper feeder, see "Set Up the Machine" in the Starter Guide. Set the toner cartridge in the machine. For details, see "Set Up the Machine" in the Starter Guide.
	TONER LOW PREPARE NEW TONE	ER
	Description	The toner is running low.
	Action	Prepare a new toner cartridge.

Description	An invalid number was entered in the date and time setting.
Action	Enter a correct date or time.
WRONG PASSWO	RD
Description	The memory lock reception password or system password you entered is incorrect.
Action	Enter the correct password. For details, see "Receiving Features" on p. 3-24 or "Specifying the System Manager Settings," on p. 6-2.



## **Before Using the Document and Paper** 2 Sending and Receiving 3 Copying 4 System Manager Settings 6 Maintenance 7 Troubleshooting 8

## Error Codes

#### An error code is a four-digit code shown on an ERROR TX REPORT or an ERROR RX REPORT when an error occurs.

30/06 200	7 15:50 123X	XXXX	x	CANON			P.001
				**** ERROR TX REPORT ***			
JOB NO.	MODE		NO.	DESTINATION TEL/ID	START TIME	PAGE	RESULT
0157	тх	G3	001		30/06 15:50	000	NG 00'00
				123XXXXXX			
				00A0:TX CANCEL			

#### Error Code

For details on reports, see "Printing Reports Automatically," on p. 9-19.

See the following for individual error codes.

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0001	
Description	The sender may not be using a G3 fax machine.
Action	Make sure the sender's machine is compatible with your machine.
0070	
Description	Reception was manually canceled on the machine.
Action	Ask the sender to resend the document if necessary.
0071	
Description	The machine's memory is full.
Action	Print, send, or delete any documents stored in memory.
0080	
Description	The recipient's machine did not respond within 35 seconds.
Action	Resend the document. Ask the other party to check their machine. If you are making an

overseas call, add a pause to the number.

The recipient's machine has run out of paper.
Ask the recipient to make sure that paper is loaded in their machine.
Transmission was manually canceled on the machine.
Resend the document if necessary.
There is a document jam.
Clear the document jam.
All redialing attempts have failed.
Check if the recipient's number is correct or the telephone cable is properly connected, and try again.

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## **Before Using the** Machine **Document and Paper** Sending and Receiving Copying Printing (FAX-L160 System Manager Settings 6 Maintenance Troubleshooting

## If <LOAD CORRECT PAPER> is displayed

When <LOAD CORRECT PAPER> appears on the LCD display, the size of the paper in the paper feeder is different from that of the paper specified in <CASSETTE> of the <PAPER SETTINGS> menu. You need to load the correct size paper or change the paper size in <CASSETTE> of the <PAPER SETTINGS> menu.

#### Ø NOTE

- For print jobs, you need to specify the paper size from your computer.
- For copy jobs, <LOAD CORRECT PAPER> disappears automatically. Load the correct size paper or change the paper size setting. (See "Setting Paper Size and Type," on p. 2-11.)

## Re-Loading the Paper

1. Load the correct size paper as shown on LCD display, then press [OK] to resume the job. The machine re-starts printing.

## Changing the Paper Size Setting

- 1. Press [Menu].
- Press [◄-] or [+►] to select <PAPER SETTINGS>, then press [OK].

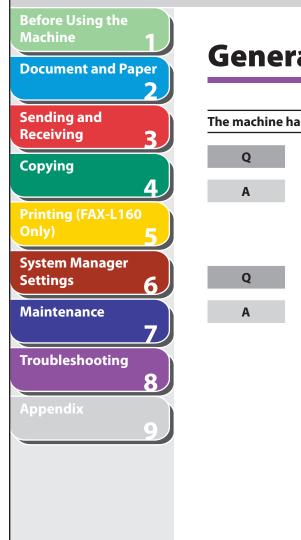
- Press [◄-] or [+►] to select <CASSETTE>, then press [OK].
- Press [◄-] or [+►] to select <PAPER SIZE>, then press [OK].
- Press [◄-] or [+►] to select the paper size same as paper loaded into the machine, then press [OK].
- **6.** Press [Stop/Reset] to return to the standby mode.
- 7. Press [OK] to resume the job. No further operation is required.

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## **General Problems**

achine has no power.		
Q	Is the power cord plugged in securely?	
A	Check that the power cord is securely plugged into	
	the machine and into the wall outlet. If the machine is plugged into a power strip, make sure the power strip is plugged in and turned on.	
Q	Is the power cord supplying power?	
A	Use a different power cord, or test the cord for	
	continuity using a voltmeter.	

othing appears in the LCD.

Q	Is the power cord plugged in securely?
A	Check that the power cord is securely plugged into the machine and into the wall outlet. If the machine is plugged into a power strip, make sure the power strip is plugged in and turned on.
Q	Is the machine in the Sleep mode?
А	Press [Energy Saver] on the operation panel to cancel

Press [Energy Saver] on the operation panel to cancel the Sleep mode.

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#### **Before Using the Paper Feeding Problems Document and Paper** 2 Sending and Paper de Receiving 3 Q Copying 4 Α Q System Manager Α Settings 6 Maintenance 7 Multiple Troubleshooting Q 8 Α 0 Α Requirements," on p. 2-5.)

loes not	t feed properly.
2	Is the paper loaded correctly?
	Make sure the paper is correctly loaded. (See "Set Up the Machine," in the Starter Guide.)
2	Does the machine contain too many sheets?
	Make sure you load the correct quantity. (See "Paper Requirements," on p. 2-5.)
e sheet	s feed together into the machine.
2	Is the paper loaded correctly?
	Make sure the paper is correctly loaded. (See "Set Up the Machine," in the Starter Guide.)
2	Does the machine contain too many sheets?
L.	Make sure you load the correct quantity. (See "Paper

Q	Are different types of paper loaded in the machine?
Α	Load only one type of paper.
A	Make sure you load paper that meets the requirements for use. (See "Paper Requirements," on p. 2-5.)
A	Let the paper run out before refilling the machine. Avoid mixing new stock with paper already loaded.
epeated pa	per jams occur.
Q	Is the correct type of paper loaded in the machine?
Α	Make sure you load paper that meets the requirements for use. (See "Paper Requirements," on p. 2-5.)

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#### **Before Using the Sending/Receiving Problems Document and Paper** Sending and Sending Problems Receiving Copying Cannot send a fax. Λ Is the machine set for the correct telephone line Q **Printing (FAX-L160** type? Make sure the machine is set for the correct telephone Α System Manager line type. (See "Before FAX Setting," in the Starter Settings 6 Guide.) Maintenance Is the document loaded correctly? 7 Q Troubleshooting Make sure the document is correctly loaded. (See Α 8 "Loading Documents," on p. 2-4.) Make sure the scanning platform is fully closed. (See Α "Paper Jams," on p. 8-5.)

Q	Is the one-touch speed dialing key or coded speed dialing code you entered registered correctly?
A	Check that the Address Book settings are registered correctly. (See "Storing/Editing Address Book," on p. 3-7.)
Q	Did you dial the correct number?
Α	Check that you have the correct number.
Q	Is the machine in the Sleep mode?
A	The machine does not scan documents if it is in the Sleep mode. To take the machine out of the Sleep mode, press [Energy Saver] on the operation panel.
Q	Is the recipient's machine out of paper?
Α	Ask the recipient to make sure paper is loaded in the machine.

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Are there other documents being sent from memory?	Q
•	А
Allow time for the documents to finish sending.	
Has an error occurred during transmission?	Q
Check the LCD for an error message. (See "LCD	
Messages," on p. 8-10.)	А
Print an Activity Report and check for an error.	
(See "ACTIVITY REPORT," on p. 9-21.)	
Is the telephone cable connected properly?	Q
Make sure the cable is connected properly. (See	А
"Before FAX Setting," in the Starter Guide.)	
Is the telephone line working properly?	Q
Make sure there is a dial tone when you press [Hook]	А
or when you lift the optional handset or the handset	Л
of any external telephone connected to the machine.	

If there is no dial tone, contact your local telephone

company.

Is the recipient's machine a G3 fax machine? Make sure the recipient's machine is compatible with your machine. Did the recipient's machine answer within 35 seconds (after all automatic redialing attempts)? Ask the recipient to check the machine. For an overseas call, add pauses to the registered number. (See "Dialing an Overseas Number (With Pauses)," on p. 3-21.) Is the Processing/Data indicator lit? The external phone is busy. Please wait until the external phone becomes free. Is the machine overheated? Unplug the machine and let it cool for about 5 minutes. Then plug in the machine and try sending again.

**Previous** 

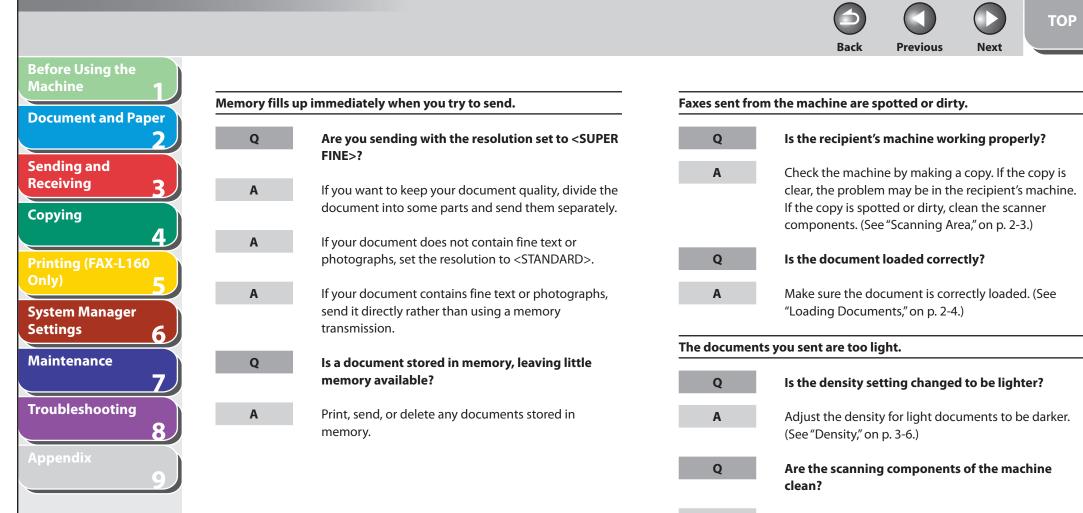
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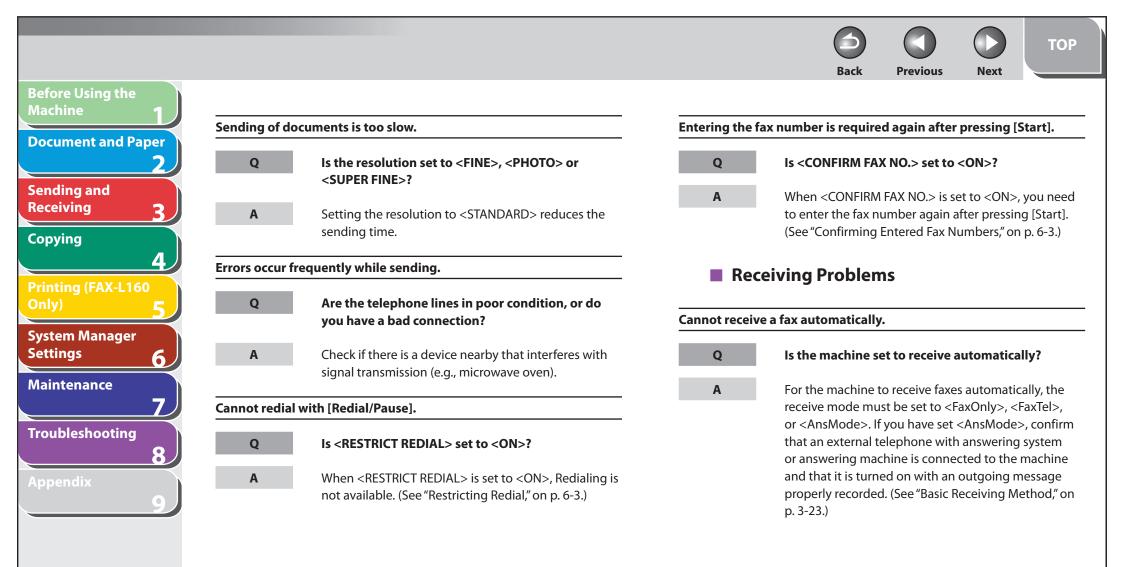
Index

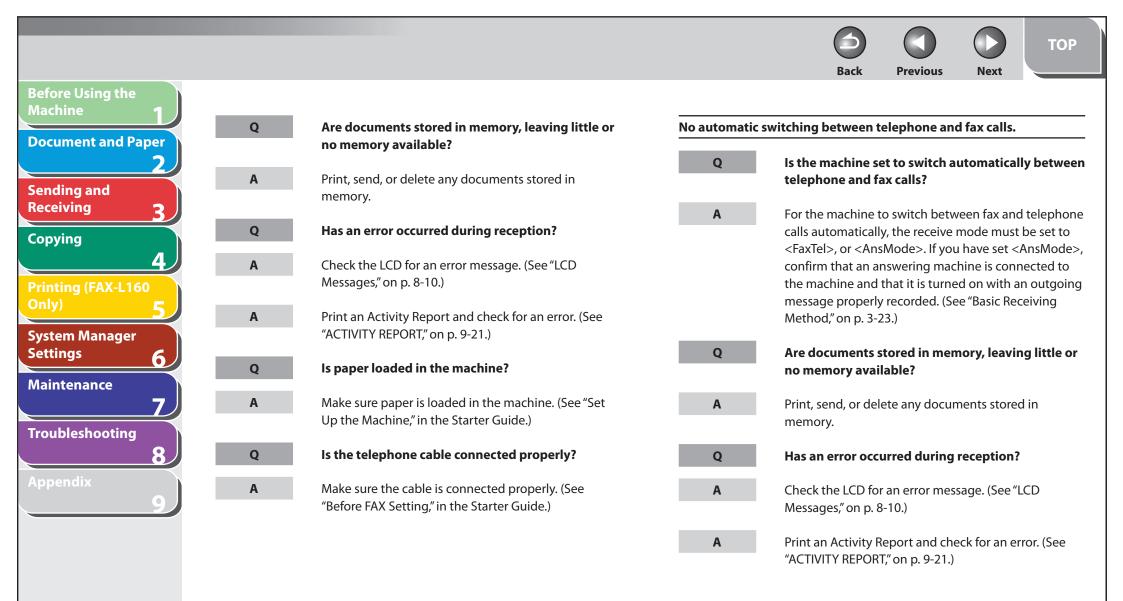
TOP

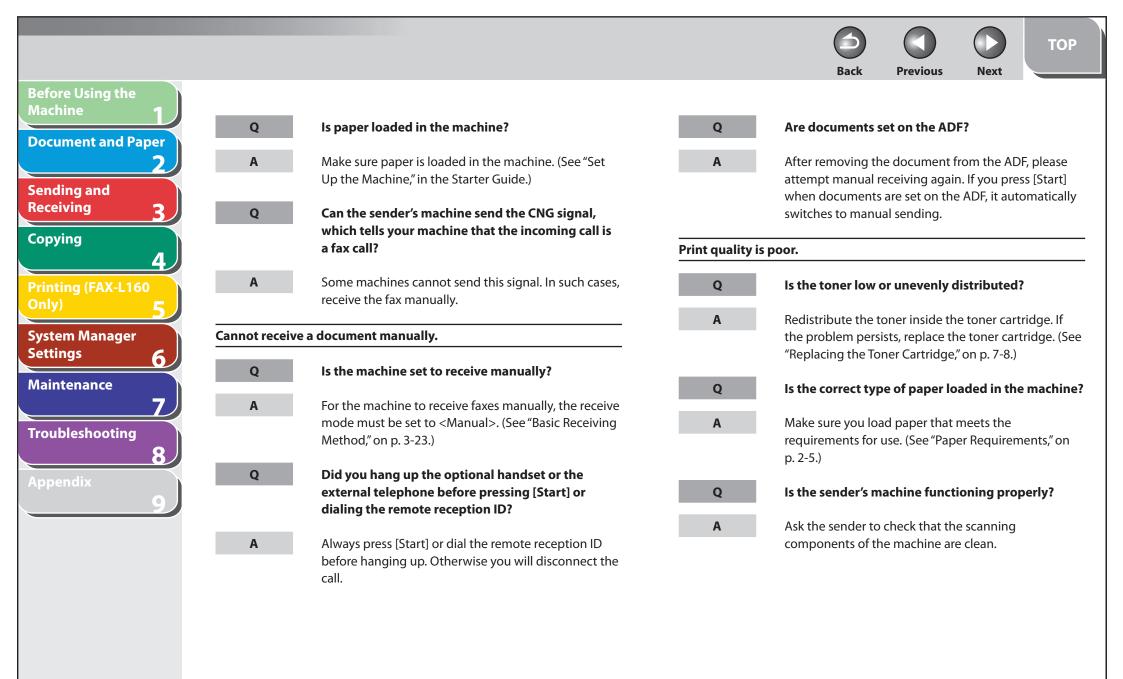


If the received document is spotted or dirty, clean the scanning components. (See "Scanning area," on p. 7-6.)

Α







Before Using the			
Machine 1	Q	Is the machine in the toner saver mode?	0
Document and Paper			
2	Α	Set <toner mode="" saver=""> to <off>. (See "COMMON</off></toner>	Α
Sending and		SETTINGS," on p. 9-6.)	
Receiving 3	Faxes do not	print.	
Copying		<b></b>	А
4	Q	Have you removed the plastic seal from the toner cartridge?	
Printing (FAX-L160		-	Received
Only) 5	Α	Make sure you remove the seal from the toner	•
System Manager		cartridge. (See "Set Up the Machine," in the Starter Guide.)	Q
Settings 6			А
Maintenance	Q	Is the toner cartridge installed properly?	
	А	Make sure the toner cartridge is installed properly.	
	~	(See "Set Up the Machine," in the Starter Guide.)	
Troubleshooting			
8	Q	Is the cartridge out of toner?	
Appendix	А	Replace the toner cartridge. (See "Replacing the Toner	
9/	Α	Cartridge," on p. 7-8.)	

Q	Is the correct size of paper loaded in the machine?
A	Make sure you load paper that meets the requirements for use. (See "Paper Requirements," on p. 2-5.)
A	Change <paper settings="">. (See "Setting Paper Size and Type," on p. 2-11.)</paper>
Received faxes	s print blotched or unevenly.
Q	Is the sender's machine functioning properly?
A	Ask the sender to check that the scanning components of the machine are clean.

6

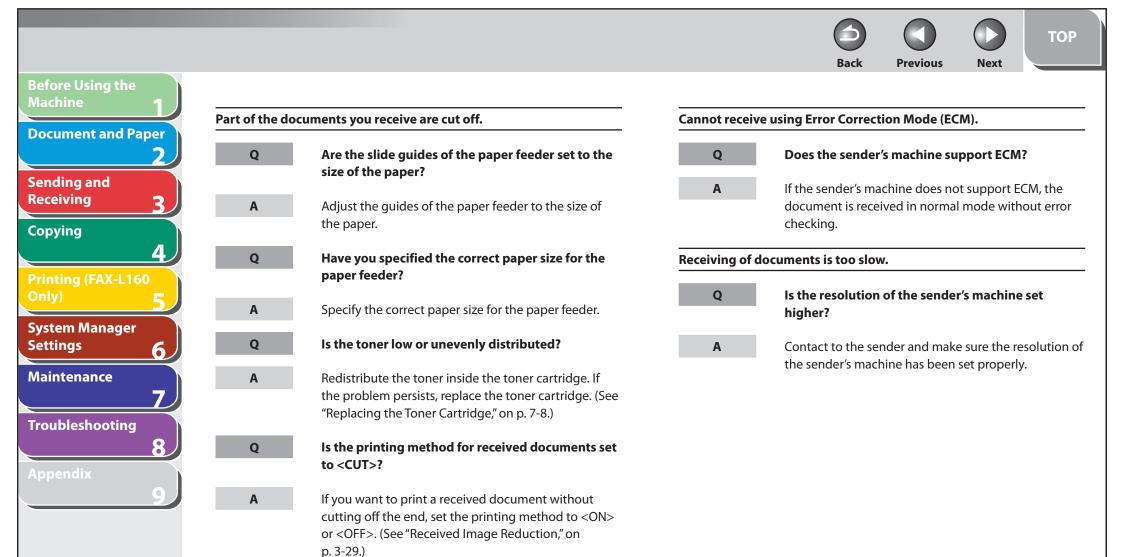
Back

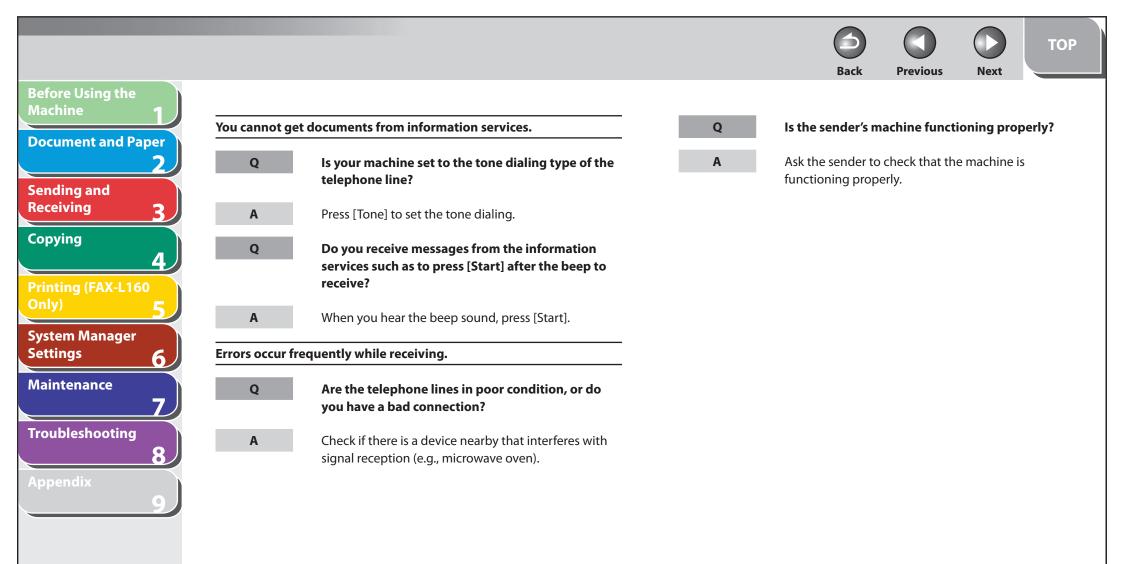
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## **Copying Problems**

Q

Q

Α

0

Α

0

Α

aper co	omes out from the machine.
	Have you removed the plastic seal from the toner cartridge?
	Make sure you remove the seal from the cartridge. (See "Set Up the Machine," in the Starter Guide.)
	Is the toner cartridge installed properly?
	Make sure the toner cartridge is installed properly. (See "Set Up the Machine," in the Starter Guide.)
	Is the cartridge out of toner?
	Replace the toner cartridge. (See "Replacing the Toner Cartridge," on p. 7-8.)
	Does the document meet the requirements for the machine?

Make sure you load documents that meet the requirements for use. (See Chapter 2, "Document Requirements," on p. 2-2.)

#### Copy is too light or has uneven density.

Α

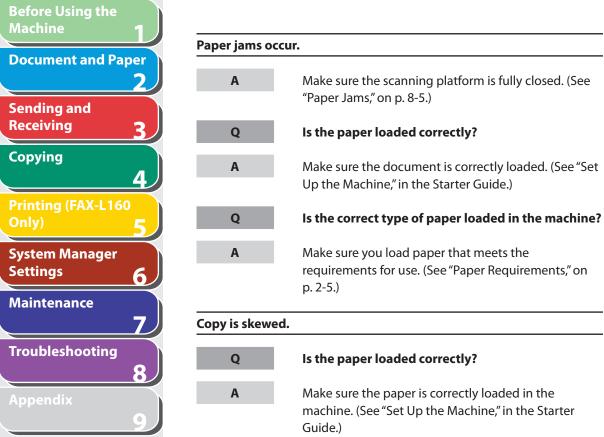
Q	Is the toner low or unevenly distributed?
A	Redistribute the toner inside the toner cartridge. If the problem persists, replace the toner cartridge. (See "Replacing the Toner Cartridge," on p. 7-8.)
py has vert	ical white streaks.
Q	Is the toner low or unevenly distributed?
Α	Redistribute the toner inside the toner cartridge. If the problem persists, replace the toner cartridge. (See "Replacing the Toner Cartridge," on p. 7-8.)

If the copy is spotted or dirty, clean the scanning components and machine's interior (See "Cleaning the Machine," on p. 7-2.)

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Q	Is the correct type of paper loaded in the machine?
A	Make sure you load paper that meets the requirements for use. (See "Paper Requirements," on p. 2-5.)
Q	Are you copying on the wrong side of the paper?
A	Some papers have a "right" side for copying. If the copy quality is not as clear as you think it should be, try copying on the other side of the paper.

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machine. (See "Set Up the Machine," in the Starter

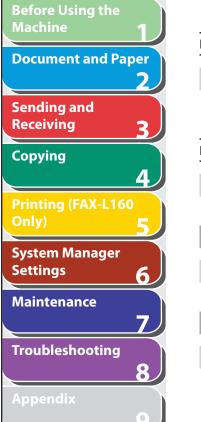
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#### Back Next **Before Using the** Machine Printing Problems (FAX-L160 Only) **Document and Paper** Sending and Nothing prints. 0 Is the toner cartridge out of toner? Receiving Is the power cord plugged in securely? Replace the toner cartridge. (See "Replacing the Toner 0 Α Copying Cartridge," on p. 7-8.) Λ Α Check that the power cord is securely plugged into the machine and into the wall outlet. If the machine is Printout is too light or has uneven density. Printing (FAX-L160 plugged into a power strip, make sure the power strip is plugged in and turned on. Is the toner low or unevenly distributed? Q System Manager Settings Blank paper comes out from the machine. Redistribute the toner inside the toner cartridge. If Α 6 the problem persists, replace the toner cartridge. (See Maintenance Have you removed the plastic seal from the toner "Replacing the Toner Cartridge," on p. 7-8.) Q cartridge? Printout has vertical white streaks. Troubleshooting Α Make sure you remove the seal from the toner cartridge. (See "Set Up the Machine," in the Starter 0 Is the toner low or unevenly distributed? Guide.) Redistribute the toner inside the toner cartridge. If Α Is the toner cartridge installed properly? 0 the problem persists, replace the toner cartridge. (See "Replacing the Toner Cartridge," on p. 7-8.) Make sure the toner cartridge is installed properly. Α (See "Set Up the Machine," in the Starter Guide.)

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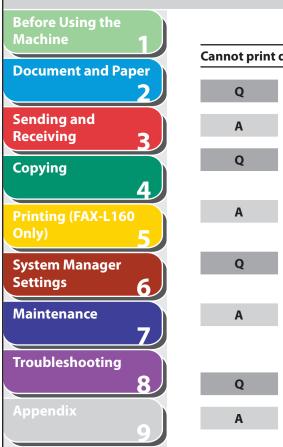
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Printout is s	potted or dirty.
A	If the copy is spotted or dirty, clean the scanning components and machine's interior (See "Cleaning the Machine," on p. 7-2.)
Paper jams o	occur.
A	Make sure the scanning platform is fully closed. (See "Paper Jams," on p. 8-5.)
Q	Is the document loaded correctly?
A	Make sure the document is correctly loaded. (See "Set Up the Machine," in the Starter Guide.)
Q	Is the correct type of paper loaded in the machine?
Α	Make sure you load paper that meets the requirements for use. (See "Paper Requirements," on p. 2-5.)

Printout is sk	rintout is skewed.		
Q	Is the paper loaded correctly?		
А	Make sure the paper is correctly loaded in the		
	machine. (See "Set Up the Machine," in the Starter Guide.)		
Printout is no	ot clear.		
Q	Is the correct type of paper loaded in the machine?		
A	Make sure you load paper that meets the requirements for use. (See "Paper Requirements," on p. 2-5.)		
Q	Are you printing on the wrong side of the paper?		
A	Some papers have a "right" side for printing. If the printout quality is not as clear as you think it should be, try printing on the other side of the paper		

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## Cannot print documents from a computer. Is the printer driver properly installed? Make sure that the printer driver is properly installed. Are the printer driver settings (Paper Size, Output Size) correct? Make sure that the printer driver settings (Paper Size, Output Size) are correct. (See Online Help.) Is the USB cable properly connected to the machine and the computer? Make sure that the USB cable is properly connected to the machine and the computer. Try a different USB cable. Does the USB port you are using properly work? Restart your computer and the machine. If the computer has other ports, connect the USB cable to

others.

Q

Α

#### Are there any jobs remaining in the print queue?

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A print job may be stuck in the print queue when it could not be finished due to an expected interruption. When this happens, follow this procedure to delete any remaining print jobs, and then print the documents again.

- 1. Double-click the icon of the printer you installed.
  - For Windows Vista
     Click [Start] on the Windows task bar → [Control
     Panel] → [Printers] under [Hardware and Sound].
  - For Windows 2000:
     Click [Start] on the Windows task bar → [Settings]
     → [Printers].
  - For Windows XP Professional/Server 2003: Click [start] on the Windows task bar → [Printers and Faxes].
  - For Windows XP Home Edition:
     Click [start] on the Windows task bar → [Control Panel] → [Printers and Other Hardware] →
     [Printers and Faxes].
- 2. Delete the print job.
  - For deleting all the print jobs:
     Click [Printers] → [Cancel All Documents]
  - − For the specified job: Right-click the specified print job  $\rightarrow$  [Cancel]

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## **Telephone Problems**

Cannot dial.	
Q	Is the telephone cable connected properly?
Α	Make sure the cable is connected properly. (See "Before FAX Setting," in the Starter Guide.)
Q	Is the power cord plugged in securely?
A	Check that the power cord is securely plugged into the machine and into the wall outlet. If the machine i plugged into a power strip, make sure the power strip is plugged in and turned on.
Q	Is the machine set for the correct telephone line type?
А	Make sure the machine is set for the correct telephon

Make sure the machine is set for the correct telephone line type. (See "Before FAX Setting," in the Starter Guide.)

ephone di	isconnects while you are talking.
Q	Is the telephone cable connected properly?
A	Make sure the cable is connected properly. (See "Before FAX Setting," in the Starter Guide.)
Q	Is the telephone cable defective?
Α	Use another cord.
ls do not o	connect, or the wrong number is dialed.
Q	Did you confirm the dial tone before entering the telephone number?
A	Make sure to confirm the dial tone before entering a telephone number. If you enter the number before the dial tone can be heard, the call may not connect

or the wrong number may be dialed.

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## If a Power Failure Occurs

If a power failure occurs, machine functions will be limited as follows:

- Depending on your telephone, you may not be able to make telephone calls.
- You can receive telephone calls from the optional handset or telephone connected to the machine.
- You cannot send, receive, or copy documents.

If power is suddenly lost due to a power failure or accidental unplugging, the machine may lose received data stored in memory. If this happens, the LCD displays <LOST IMAGE> when power is restored and automatically prints a Lost Report (unless the cartridge is empty or there is no paper in the machine) that lists the documents (received in the last 60 transactions) that were lost from memory as a result of the power cut.

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## Machine **Document and Paper** Sending and Receiving Copying Λ System Manager Settings 6 Maintenance Troubleshooting

**Before Using the** 

## If You Cannot Solve a Problem

If you cannot solve the problem after having referred to the information in this chapter, contact your local authorized Canon dealer or the Canon help line. Please have the following information ready when you contact Canon:

- Product name (FAX-L160/FAX-L140)
- Serial number (On the label located at the back of the machine)
- Place of purchase
- Nature of problem
- Steps you have taken to solve the problem and the results

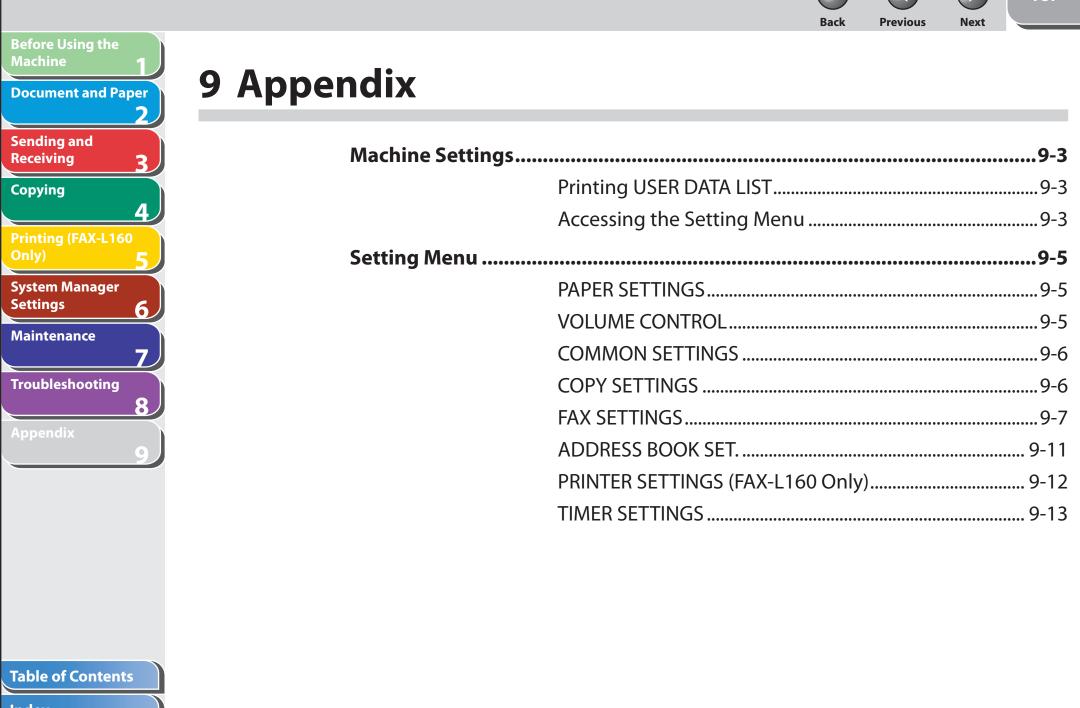
## 

If the machine makes strange noises, emits smoke or odd odor, disconnect the power cord immediately, and contact your local authorized Canon dealer or the Canon help line. Do not attempt to disassemble or repair the machine yourself.

## Ø NOTE

Attempting to repair the machine yourself may void the limited warranty.

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## **Machine Settings**

You can adjust the machine settings from the Setting Menu to customize the way the machine works. To see the list of the current settings, print out USER DATA LIST.

## Printing USER DATA LIST

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <REPORT SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <LIST PRINT>, then press [OK].
- Press [◄-] or [+►] to select <USER DATA LIST>, then press [OK].

Printing starts, and the screen automatically returns to the standby mode.

## Accessing the Setting Menu

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- **1.** Press [Menu].
- 2. Press [◄-] or [+►] to select the menu you want to access, then press [OK].

<PAPER SETTINGS>
<VOLUME CONTROL>
<COMMON SETTINGS>
<COPY SETTINGS>
<FAX SETTINGS>
<ADDRESS BOOK SET.>
<PRINTER SETTINGS>
<TIMER SETTINGS>
<ADJUST./CLEANING>
<REPORT SETTINGS>
<SYSTEM SETTINGS>

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For details on the submenu, see "Setting Menu," on p. 9-5.

- 4. To register the settings or go to a submenu item, press [OK].
- 5. When finished, press [Stop/Reset] to return to the standby mode.

**Ø** NOTE

- If you press [Stop/Reset] before pressing [OK], the setting will not be registered.
- Press [Menu] to return to the previous display.

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## **Setting Menu**

The default settings are indicated in bold text.

Depending on the country of purchase, some settings may not be available.

PAPER SETTINGS		
Setting Item	Description	
1. CASSETTE	Sets the paper size and type on the paper feeder. (See "Setting Paper Size and Type," on p. 2-11.)	
1. PAPER SIZE	Sets the paper size from the following options: <b>A4</b> , OFICIO, BRAZIL-OFICIO, MEXICO-OFICIO, FOLIO, GOVERNMENT-LETTER, GOVERNMENT- LEGAL, FOOLSCAP, LTR, LGL	
2. PAPER TYPE	Sets the paper type from the following options: <b>PLAIN PAPER</b> , PLAIN PAPER L, HEAVY PAPER, HEAVY PAPER H, and TRANSPARENCY	

VOLUME CONTROL		
Setting Item	Description	
1. MONITOR VOLUME	Sets the volume for monitor tone during the fax transmission. (0–3 ( <b>2</b> ))	
2. CALLING TONE	Sets the volume of the ring produced when the machine detects a call. (0-3 (2))	
3. ENTRY TONE	Beeps when pressing the keys on the operation panel. (0–3 ( <b>2</b> ))	
4. ERROR TONE	Beeps when an error (e.g., TX error) occurs. (0-3 ( <b>2</b> ))	

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Sets the zoom ratio for copying. Enters the zoom ratio by 1% increments. (50%–200% (100%))

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COMMON SETTINGS		
Setting Item	Description	
1. TONER SAVER MODE	Sets whether to reduce toner consumption. - OFF - ON * This function is not effective for print jobs.	
2. DISPLAY LANGUAGE	Selects the language on the display. (See, "Appendix," in the Starter Guide.) <b>ENGLISH</b> , GERMAN, FRENCH, SPANISH, ITALIAN, SWEDISH, NORWEGIAN, DUTCH, FINNISH, DANISH, PORTUGUESE, CZECH, SLOVENE, HUNGARIAN, RUSSIAN, TURKISH, POLISH	
COPY SETTINGS		
Setting Item	Description	
1. STANDARD SETTINGS	Sets the default setting for copying.	
1. IMAGE QUALITY	Sets the document type for copying. - TEXT/PHOTO - TEXT - PHOTO	
2. DENSITY	Sets the density for copying. – MANUAL (1–9 ( <b>5</b> )) – AUTO	

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FAX SETTINGS		
Setting Item	Description	
1. RX MODE	Selects the receive mode. (See "Set the Machine for Receiving Faxes," in the Starter Guide.) <ul> <li>FaxOnly</li> <li>AnsMode</li> <li>FaxTel</li> <li>MANUAL</li> </ul>	
2. USER SETTINGS	Specifies the basic operation settings in the fax mode.	
1. UNIT TELEPHONE #	Registers your fax number (max. 20 characters, including spaces). (See "Set the Machine for Sending Faxes," in the Starter Guide.)	
2. UNIT NAME	Registers your name/company name (max. 32 characters, including spaces). (See "Set the Machine for Sending Faxes," in the Starter Guide.)	
3. TX TERMINAL ID	Sets the options for sender information.	
ON	Sender information is printed in small type at the top of each page.	
OFF	Sender information is not printed.	
4. TEL LINE TYPE	Selects the telephone line type. (See "Telephone Line Setting," on p. 1-13.) – <b>TOUCH TONE</b> – ROTARY PULSE	
5. STANDARD SETTINGS	Sets the default setting for faxing.	
1. DENSITY	Sets the default density for faxing. (1–9 ( <b>5</b> ))	
2. IMAGE QUALITY	Sets the default image quality for faxing. - <b>STANDARD</b> - FINE - PHOTO - SUPER FINE	

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FAX SETTINGS	
3. TX SETTINGS	Sets the transmission features.
1. AUTO REDIAL	Sets whether to redial automatically when the other line is busy or a transmission error occurs. (See "Redialing Automatically," on p. 3-20.)
ON	Customizes the redial operation.
1. REDIAL TIMES	Sets the number of retries. (1TIMES–10TIMES ( <b>2TIMES</b> ))
2. REDIAL INTERVAL	Sets period of time before redialing. (2MIN.–99MIN. (2MIN.))
OFF	After the first attempt at dialing fails, redialing is not attempted.
2. DIALING LINE CHCK	Sets whether to check the telephone line condition. – <b>OFF</b> – ON
4. RX SETTINGS	Sets the reception features.
1. FAX/TEL OPT. SET	Sets the optional items in the <faxtel> mode. (See "FAX/TEL: Optional Settings," on p. 3-24.)</faxtel>
1. RING START TIME	Sets the time the machine takes to check whether a call is a fax or a voice call. (4SEC–30SEC (6SEC))
2. F/T RING TIME	Sets the ring length for voice calls. (10SEC–45SEC ( <b>22SEC</b> ))
3. F/T SWITCH ACTION	Selects whether the machine switches to the receive mode after the ring time has elapsed, or whether if disconnects the call.  – RECEIVE – DISCONNECT

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2. INCOMING RING	Sets whether or not to activate the ring alert of the optional handset or external telephone if
	<rx mode=""> is set to <faxonly>.</faxonly></rx>
	Selecting <on> allows you to learn the fax reception and answer voice calls if you pick up the</on>
	optional handset or external telephone while it is ringing.
ON	The optional handset or external telephone rings.
RING COUNT	Sets the number of incoming rings before the machine answers. (1TIMES-16TIMES (2TIMES))
OFF	The optional handset or the external telephone does not ring. (In the Sleep mode, the optional
	handset or external telephone may ring one or two times.)
3. REMOTE RX	Sets whether to use remote receiving. (See "Remote Reception," on p. 3-27.)
ON	The machine enables remote receiving.
REMOTE RX ID	You can dial a code on remote extension to start receiving a document.
	A combination of two characters using 0 to 9
	(default: <b>25</b> )
OFF	The machine disables remote receiving.
4. RX PRINT	Sets whether to store all received pages in memory before printing them out or print each pag
	as it is received. (See "Selecting the Receive Mode for Printing," on p. 3-28)
MEMORY RX	Prints after all the pages of the document are received.
PRINT RX	Prints each page as it is received.

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FAX SETTINGS	
5. RX TERMINAL ID	Sets whether to insert the machine's fax number and the sender information on received faxes. - OFF - ON
6. RX RESTRICTION	You can reject faxes from senders with no fax/telephone number in their sender information. (See "Reception Restriction," on p. 3-29.)
OFF	All receptions are conducted.
ON	Receives the fax only from the sending fax machine that sends the TSI signal.
5. PRINTER SETTINGS	Sets the printer functions.
1. RX REDUCTION	Sets whether to reduce or truncate the image when a faxed page is larger than the size of paper loaded. (See "Received Image Reduction," on p. 3-29.)
ON	Reduces the image to fit on the size of paper loaded.
OFF	Retains the original size of the image.
CUT	The image that is larger than 1-page record area is cut and not recorded.
2. CONT. PRINTING	Sets whether to continue printing when toner has run out. This function is only for printing fax documents and reports. (See "Replacing the Toner Cartridge," on p. 7-8.) - OFF - ON

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Setting Item	Description
1. 1-TOUCH SPD DIAL	Registers recipients on one-touch speed dialing keys. Up to 15 recipients can be registered. (See "Storing/Editing One-Touch Speed Dialing Keys/Coded Speed Dialing Codes," on p. 3-7.)
1. NAME	Registers the recipient's name (max. 20 characters, including spaces).
2. TEL NUMBER ENTRY	Registers the recipient's fax/telephone number (max. 50 digits, including spaces).
3. OPTIONAL SETTING	Sets the optional settings for sending faxes.
OFF	The optional setting is not set.
ON	The optional setting is set.
SUBADDRESS	Sets the subaddress (20 digits).
PASSWORD	Sets the password (20 digits).
2. CODED DIAL	Registers recipients for coded speed dialing. Up to 100 recipients can be registered. (See "Storing/Editing One-Touch Speed Dialing Keys/Coded Speed Dialing Codes," on p. 3-7.)
1. NAME	Registers the recipient's name (max. 20 characters, including spaces).
2. TEL NUMBER ENTRY	Registers the recipient's fax/telephone number (max. 50 digits, including spaces).

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ADDRESS BOOK SET.		
3. OPTIONAL SETTING	Sets the optional settings for sending faxes.	
OFF	The optional setting is not set.	
ON	The optional setting is set.	
SUBADDRESS	Sets the subaddress (20 digits).	
PASSWORD	Sets the password (20 digits).	
3. GROUP DIAL	Registers destinations in group dialing. Up to 50 destinations can be registered in a group. (See "Storing/Editing One-Touch Speed Dialing Keys/Coded Speed Dialing Codes," on p. 3-7.)	
NAME	Registers the group name (max. 20 characters, including spaces).	

## PRINTER SETTINGS (FAX-L160 Only)

PRINTER SETTINGS (PAX-LTOU OIIIy)	
Setting Item	Description
1. ERROR TIME OUT	Sets the length of time before the machine returns an error when no data is received from the computer.
ON	Sets the error time out period. (1SEC-300SEC ( <b>15SEC</b> ))
OFF	The error time out is off.

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TIMER SETTINGS		
Setting Item	Description	
1. DATE&TIME SETTING	Sets the current date and time. (See "Set Up the Machine," in the Starter Guide.)	
2. DATE TYPE SELECT	Sets the date format. – DD/MM YYYY – YYYY MM/DD – MM/DD/YYYY	
3. AUTO SLEEP	Sets the auto Sleep mode when the machine remains idle for a certain period of time. (3MIN.– 30MIN. ( <b>5MIN</b> .)) (See "Setting the Sleep Mode," on p. 1-14.) – <b>ON</b> – OFF	
4. DAYLIGHT SV.TIME	Sets the daylight saving time mode. (See "Setting Daylight Saving Time," on p. 1-15.)	
ON	Activates the daylight saving time mode.	
1. BEGIN DATE/TIME	Sets the begin date. – 1. MONTH (default: <b>MARCH</b> ) – 2. WEEK (default: <b>LAST WEEK</b> ) – 3. DAY (default: <b>SUNDAY</b> )	
2. END DATE/TIME	Sets the end date. – 1. MONTH (default: <b>OCTOBER</b> ) – 2. WEEK (default: <b>LAST WEEK</b> ) – 3. DAY (default: <b>SUNDAY</b> )	
OFF	Deactivates the daylight saving time mode.	

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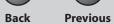


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ADJUST./CLEANING		
Setting Item	Description	
1. FIX.UNIT CLEANING	Cleans the fuser roller. (See "Fuser Roller," on p. 7-6.)	
2. SPECIAL MODE U	<ul> <li>Select to improve print quality in high temperature and high humidity conditions or in low temperature and low humidity conditions.</li> <li>OFF</li> <li>ON</li> </ul>	
REPORT SETTINGS		
Setting Item	Description	
1. SETTINGS	Sets the report functions. (See "Printing Reports Automatically," on p. 9-19.)	
1. TX REPORT	Sets whether the transmission report prints out.	
PRINT ERROR ONLY	Prints a report only when a transmission error occurs.	
OUTPUT NO	No report is printed.	
OUTPUT YES	Prints a report every time you send a document.	
2. RX REPORT	Sets whether the reception report prints out. - OUTPUT NO - OUTPUT YES - PRINT ERROR ONLY	
3. ACTIVITY REPORT	Sets whether an activity report is printed automatically every 60 transactions. – <b>OUTPUT YES</b> – OUTPUT NO	

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REPORT SETTINGS		
2. LIST PRINT	Prints reports/lists.	
1. TX REPORT	Prints the fax transmission report manually.	
2. RX REPORT	Prints the fax reception report manually.	
3. ACTIVITY REPORT	Prints the fax transaction report manually.	
4. MEMORY DATA LIST	Prints the list of the reserved jobs in memory.	
5. MEMORY IMAGE PRNT	Prints the information and image of the first page of the reserved job.	
6. 1-TOUCH LIST	Prints the list of fax/telephone numbers and names registered for one-touch speed dialing.	
7. CODED DIAL LIST	Prints the list of fax/telephone numbers and names registered for coded speed dialing.	
8. GROUP DIAL LIST	Prints the list of groups registered for group dialing.	
9. USER DATA LIST	Prints the setting list registered in the menu. (See "Printing USER DATA LIST," on p. 9-3.)	



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SYSTEM SETTINGS				
Setting Item	Description			
1. SYS. MANAGER INFO	Sets the system manager information to protect the contents of <system settings="">. Once the system password is set, it must be entered every time you access the <system settings=""> menu.</system></system>			
1. SYSTEM PASSWORD	Sets the system manager password (up to seven digits).			
2. COMMUNICATIONS	Sets the fax communication.			
1. COUNTRY SELECT	Select the country or area where the machine is used.			
2. MEMORY LOCK	Sets whether to receive and store all documents in memory and not to print automatically. (See "Memory Lock Reception," on p. 3-26.)			
OFF	Disables memory lock reception.			
ON	Enables memory lock reception.			
1. PASSWORD	Registers the password that protects the authority for accessing to memory.			
2. MEMORY RX TIME	Sets whether to set a period for memory lock reception.			
OFF	Disables setting a period of memory lock reception.			
ON	Enables setting a period of memory lock reception. – 1. MEM. RX START TIME (default: <b>00:00</b> ) – 2. MEM. RX END TIME (default: <b>00:00</b> )			

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3. R-KEY SETTING	Registers the [R] key to access an outside line easily. (See "Dialing Through a Switchboard," on p. 3-18.) - <b>PSTN</b> - PBX		
3. ACCESS TO DEST.	Sets restriction of the access to recipients.		
1. RESTRICT REDIAL	Sets whether to disable the redial function of the [Redial/Pause] key. – <b>OFF</b> – ON		
2. CONFIRM FAX NO.	Sets whether to confirm the entered fax numbers each time you send a fax. - OFF - ON		
4. UPDATE FIRMWARE	This function is used only when the machine firmware needs to be updated.		



Next

# **Summary of Reports and Lists**

The machine can generate the following reports and lists.

Report/List	Description	
TX REPORT	Shows the transmission result. Can be set to print automatically.	
RX REPORT	Shows the reception result. Can be set to print automatically.	
ACTIVITY REPORT	Shows the last 60 transactions performed by the machine.	
MEMORY DATA LIST	Lists reserved jobs stored in memory.	
MEMORY IMAGE PRNT	Shows information and the first page of a reserved job.	
1-TOUCH LIST	Lists the recipient numbers registered to all the one-touch speed dialing keys.	
CODED DIAL LIST	Lists the recipient numbers registered to all the coded speed dialing.	
GROUP DIAL LIST	Lists groups registered for group dialing.	
USER DATA LIST	Lists all the current settings and registered sender information.	
LOST REPORT	Lists received documents that were lost from the memory due to power cut. Cannot be manually printed out.	

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ΤΟΡ



## **Printing Reports Automatically**

TX REPORT, RX REPORT, and ACTIVITY REPORT can be set to print automatically.

## **TX REPORT**

The default setting is <PRINT ERROR ONLY>.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <REPORT SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <TX REPORT>, then press [OK].

Press [◄-] or [+►] to select the setting you want, then press [OK].

<PRINT ERROR ONLY>: Prints a report only when a transmission error occurs. <OUTPUT NO>: Does not print a report. Press [Stop/Reset] to return to the standby mode. <OUTPUT YES>: Prints a report every time you send a document.

6. Press [Stop/Reset] to return to the standby mode.

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#### Report Items

The following items are displayed in the Transmission Report:

- JOB NO.: Job number
- MODE: Mode of transaction (G3 or ECM)
- NO.: Sequence number
- DESTINATION TEL/ID: Name and number of recipient
- START TIME: Date and time of transaction
- PAGE: Number of pages sent
- RESULT: Result of transaction, transaction duration
- OK: Transmission successful
- NG: Transmission failed
- STOP: Transmission manually canceled before completion
- MEM. FULL: Memory became full during transmission
- NO ANSWER: Call not answered
- PAPER JAM: ADF jam occurs during Manual TX
- Error code: For descriptions of error codes, See "Error Codes," on p. 8-16.

### RX REPORT

The default setting is <OUTPUT NO>.

- 1. Press [Menu].
- 2. Press [◄-] or [+►] to select <REPORT SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <RX REPORT>, then press [OK].
- Press [¬−] or [+►] to select the setting you want, then press [OK].

<OUTPUT NO>: Does not print a report. <OUTPUT YES>: Prints a report every time you receive a document. <PRINT ERROR ONLY>: Prints a report only when a reception error occurs.

**6.** Press [Stop/Reset] to return to the standby mode.

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#### Report Items

The following items are displayed in the Reception Report:

- JOB NO.: Job number
- MODE: Mode of transaction (G3 or ECM)
- NO.: Sequence number
- DESTINATION TEL/ID: Number of the sending machine (displayed only if registered in their machine)
- START TIME: Date and time of transaction
- PAGE: Number of pages received
- RESULT: Result of transaction, transaction duration
- OK: Reception successful
- NG: Reception failed
  - Error code: For descriptions of error codes, see "Error Codes," on p. 8-16.

## ACTIVITY REPORT

The default setting is <OUTPUT YES>.

- **1.** Press [Menu].
- 2. Press [◄-] or [+►] to select <REPORT SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <SETTINGS>, then press [OK].
- 4. Press [◄−] or [+►] to select <ACTIVITY REPORT>, then press [OK].
- Press [◄-] or [+►] to select the setting you want, then press [OK].

<OUTPUT YES>: Prints a report after every 60 transactions. <OUTPUT NO>: Does not print a report. Press [Stop/Reset] to return to the standby mode.

**6.** Press [Stop/Reset] to return to the standby mode.

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#### **Report Items**

The following items are displayed in the Activity Report:

- NO.: Transaction number (01 to 60)
- JOB NO.: Job number
- START TIME: Date and time of transaction
- MODE: Mode of transaction (G3 or ECM)
- DESTINATION TEL/ID: Name and number of recipient
- PAGE: Number of pages sent or received
- RESULT: Result of transaction, transaction duration
- OK: Transaction successful
- NG: Transaction failed



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## **Printing Reports and Lists Manually**

You can print the following reports and lists manually.

- TX REPORT
- RX REPORT
- ACTIVITY REPORT
- MEMORY DATA LIST
- MEMORY IMAGE PRNT
- 1-TOUCH LIST
- CODED DIAL LIST
- GROUP DIAL LIST
- USER DATA LIST

If no relevant data is stored in memory, <NO DATA> is displayed.

### MOTE 🖉

For information on each report or list, see "Summary of Reports and Lists," on p. 9-18.

- **1.** Press [Menu].
- Press [◄-] or [+►] to select <REPORT SETTINGS>, then press [OK].
- Press [◄-] or [+►] to select <LIST PRINT>, then press [OK].
- **4.** Press [◄−] or [+►] to select a desired report or list, then press [OK].

Printing starts, and the screen automatically returns to the standby mode.

#### **Table of Contents**



ΤΟΡ



## **Checking Remaining Memory**

You can check the amount of available memory by pressing the System Monitor key.

- **1.** Press [System Monitor].
- Press [◄-] or [+►] to select <AVAILABLE MEMORY>, then press [OK] to confirm the remaining memory.

Ex.		
AVAILABLE	MEMORY	
		75%

**3.** Press [Stop/Reset] to return to the standby mode.





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## **Checking Print and Scan Counts**

System monitor allows you to check print and scan counts.

- **1.** Press [System Monitor].
- Press [◄-] or [+►] to select <VIEW PAGE TOTALS>, then press [OK].
- Press [◄−] or [+►] to view the print or scan counts.
- 4. Press [Stop/Reset] to return to the standby mode.

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## Glossary

Α

#### **Activity Report**

A journal of the machine's transactions, both sent and received.

#### Address Book

The Address Book is a feature used for storing fax recipients. The Address Book is divided into one-touch speed dialing keys and coded speed dialing codes. You can register multiple recipients in a group, and assign a one-touch speed dialing key to this group. Registering a destination in the Address Book saves you the effort of entering that fax number each time you send a fax.

#### **Automatic Document Feeder (ADF)**

The device included in the machine that feeds the document being sent or copied, or scanned into the machine.

#### Automatic redialing

When the recipient's machine is busy or does not answer, or when an error occurs while sending, the machine waits a specified time and then automatically redials the number. If the receiving fax is still busy or does not answer, the machine waits the specified time and dials again.

В

#### bps

Bits per second. Refers to the speed with which a fax machine sends and receives data.

#### Broadcasting

Transmitting documents to more than one location (through the machine's memory).

#### **Buffer size**

The size of a data area, or buffer, shared by devices or programs working at different speeds or with different priorities. The buffer is designed to prevent one device or process from being held up by another. For this to be possible, the buffer must be set up correctly.

## С

#### CNG

Calling Tone. This is a signal sent by fax machines to identify the call as an incoming document. When the receiving fax detects this signal, it automatically starts to receive the fax transmission. The majority of fax machines in use today can send and detect CNG signals.

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#### Coded Speed Dialing Codes

A method to specify a recipient registered in Address Book. Press [Coded Dial] and a two-digit code using the numeric keys.

#### Cookie

A file left on a user's computer when the user visits a web site. A cookie allows the web site to recognize the user on subsequent visits. Cookies are generally used to enable a user to automatically sign on to certain web sites and to customize the features offered by such sites.

#### Cursor

The underline symbol you see on the LCD when you register numbers and names in the machine.

#### D

#### Document

The sheet of paper containing the data that you send to, or receive from a machine.

#### dpi

Dots per inch. A machine of measurement for indicating a machine's resolution.

## Ε

#### ECM

Error Correction Mode. The ability of your machine to reduce system and line errors when sending or receiving from another fax with ECM capability. ECM is most effective in areas where the telephone lines are in poor condition or there is frequent interference on the line.

Back

#### Extension

A telephone connected to the machine that is used in place of the handset. You can use the extension telephone to activate incoming reception of documents manually.

### F

#### FAX/TEL switching

This option allows you to set the machine to automatically detect whether a call is from a fax or telephone. If the call is from another fax, the transmission is automatically received. If the call is from a telephone, the machine rings to let you know, so you can pick up the handset. With this feature, one telephone line can be shared by both the telephone and the fax.

#### FINE

The resolution setting for documents with very small characters and lines.

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#### G3, Group 3 fax machine

Defined by CCITT/ITU-T. Uses encoding schemes to transmit image data while reducing the amount of data that needs to be transmitted, thus reducing transmission time. G3 fax machines can transmit one page in less than one minute. Encoding schemes for G3 fax machines are Modified Huffman (MH), Modified READ (MR), Modified Modified READ (MMR), and Joint Bi-level Image expert Group (JBIG).

#### **Group Dialing**

A method of specifying recipients that enables you to specify multiple recipients registered in Address Book as a group. This means that you can press just a single one-touch speed dialing key to specify recipients when sending the same document to many recipients.

н

G

#### HP-GL/2

A graphics language that allows computer applications to draw graphic images using printers. Images in HP-GL/2 are represented as vector graphics. Vector objects describe an image in terms of geometric shapes, such as lines and polygons, and fills. HP-GL/2 is supported by your Canon machine.

## н

#### Interface

The connection between two devices that makes it possible for them to communicate with each other. The machine features a USB interface, which makes it compatible with IBM and similar personal computers.

#### Interface cable

The cable used to create the interface between a printer and a computer.

#### Interface port

The machine comes with one USB port, located on the back of the machine. You attach the cable that connects your computer and machine to this port.

#### ITU-T

A committee created to set international standards for telecommunications.

#### L

#### Log in

Entering a password as a means of user authentication to start a computer session or access to a service.

#### LPD

Line Printer Daemon. A daemon is a program that runs, without human intervention, to accomplish a given task. The Line Printer Daemon controls the flow of print jobs to a printer.

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## Μ

Ν

#### Manual receiving

A method of receiving faxes in which you answer all incoming calls using the optional handset or the external telephone. If you hear a slow beep it indicates an incoming fax transmission from another machine. Just press [Start] to receive the incoming fax.

#### Numeric keys

The round, numbered keys on the operation panel marked the same as a standard telephone keypad.

Press them to perform regular dialing. You also use the numeric keys to enter characters and numbers during registration, and for entering coded speed dialing codes.

#### **One-Touch Speed Dialing keys**

The numbered keys on the operation panel that may be registered as single or a group of recipients. Once a number or group is registered, you press one key to dial the entire number or group.

Ρ

0

#### Paper feed

Refers to guiding a sheet of paper into the machine's paper path.

#### **Paper feeder**

The device in the machine that feeds recording media into the machine for printing copied or sent documents.

Back

#### Pause

A timing entry required for registering certain long distance numbers and for dialing out through some telephone systems or switchboards. Pressing [Redial/Pause] enters a pause between digits of a telephone number.

#### PDF

Portable Document Format. The page description language used in Adobe Systems' Acrobat document exchange system, which is restricted neither by device nor resolution. PDF displays documents in a way that is independent of the original application software, hardware, and operating system used to create those documents. A PDF document can contain any combination of text, graphics, and images.

#### ΡΗΟΤΟ

The document setting you use for sending or copying documents with intermediate tones, such as photographs.

#### Polling

One fax machine requesting another to send a document. The receiving party calls the fax machine holding the document to be sent, and requests that it be sent.

#### Pulse

See Rotary pulse.

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## Remote reception ID

The two-digit code that enables you to manually activate fax reception using an external telephone.

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#### **Remote reception**

Activating fax reception by answering an external telephone that is not located near the machine. You need to dial a remote receiving ID number to start remote reception.

#### Report

A document printed by the machine and containing information about the documents it has sent or received.

#### Resolution

The density of dots for any given output device. Expressed in terms of dots per inch (dpi). Low resolution causes font characters and graphics to have a jagged appearance. Higher resolution means smoother curves and angles as well as a better match to traditional typeface designs. Resolution values are represented by horizontal data and vertical data, for example, 600 x 600 dpi.

#### **RIP (Raster Image Processor)**

The hardware and/or software functions of a printer that convert vector graphic descriptions from a computer into raster graphic images that can be printed.

#### **Rotary pulse**

A telephone dialing system where a dial is rotated to send pulses to the telephone switching system. In pulse dialing, you hear clicks. In touch-tone dialing, the most common dialing system, you hear tones. Rotary pulse dialing requires certain setting adjustments.

#### RX

See Receiving.

#### Raster

R

Raster graphics describes an image as a pattern of dots, compared to vector graphics which represents an image as a geometrical formula. Each row of color dots in the mosaic of color dots constitutes one raster graphic. In a printer, a raster graphic is used as the master image from which a page is printed, because the image can be transferred to paper by printing one raster at a time.

#### Receiving

Receiving transmission is also defined as RX or Reception. The machine can be customized to receive fax documents in several ways.

#### Reception

See Receiving.

#### **Redialing-automatic**

See Automatic redialing.

#### Registering

A process by which you place recipient's information (such as the name, fax number) in the machine's memory, so that you save time specifying recipients you send documents frequently.

#### **Regular dialing**

Pressing the individual numeric keys to dial a fax or telephone number.

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## S

#### Sending

Sending documents is also defined as TX or Transmit. The machine can scan and send documents via fax.

#### Sending speed

The rate at which faxes are transmitted through the phone line. See also bps (bits per seconds).

#### Standby

The mode in which the machine is on and ready to use.

#### Subaddress

Subaddress is the global telecommunications standard specified by the ITU-T. When the remote party's machine supports the same standard, confidential or relayed communications are possible by attaching a subaddress and a password in advance.

#### Tone

Т

A key that allows you to temporarily switch to touch-tone from pulse dialing. In some countries, on-line data services may require that you use tone dialing.

#### **Tone/pulse setting**

The ability to set the machine to match the telephone dialing system your telephone line uses: touch-tone or rotary pulse.

#### Toner

A black, resin coated powder contained in the toner cartridge. The machine applies the toner to the surface of the photosensitive drum inside the machine via an electrophotographic mechanism.

#### **Toner saver**

The feature that extends cartridge life by reducing toner consumption rate at a slight decrease in print quality.

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#### Transmit

See Sending.

#### ТΧ

See Sending.

#### V

#### **Vector Graphics**

See Raster.

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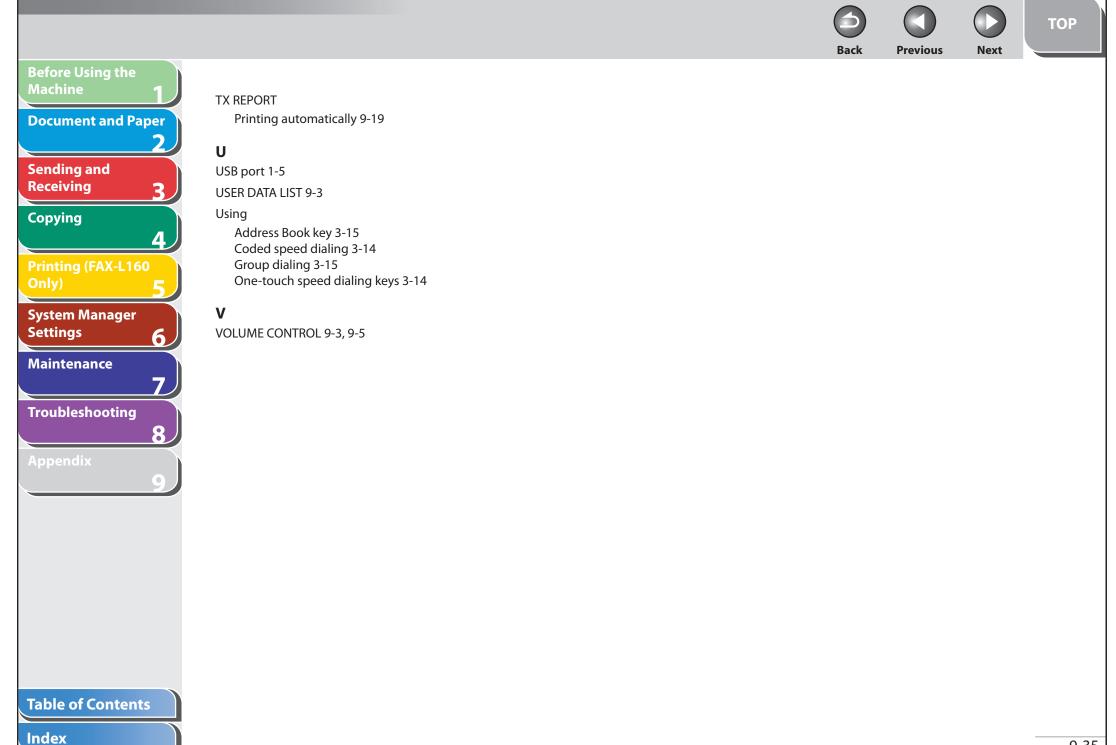
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