Canon

MultiPASS™ F50

Color Bubble Jet™ Printer/Copier/Scanner/Fax

User's Manual

Canon MultiPASS F50 MFP Color Bubble Jet Printer/Copier/Scanner/Fax User's Manual.

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All print speeds are based on draft mode. Print speed will vary depending on system configuration, software, document complexity, print mode and page coverage.

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Canon U.S.A., Inc.
Digital Home and Personal Systems Division
2995 Redhill Avenue
Costa Mesa, CA 92626

PRINTED IN THAILAND

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Introduction

What the F50 MFP Can Do

Congratulations on purchasing your Canon MultiPASS F50 multifunction unit!
The F50 MFP eliminates the need for multiple devices in your home or office by
incorporating the functions of:

Printer Print crisp, clear color or black and white pages from your PC.

Copier Use your F50 MFP as a stand-alone copier for color or black and
white copies.

Scanner Scan high-resolution images to your PC.

Fax Use as a stand-alone fax, or send and receive faxes from your
PC. You can also send full color faxes!

The MultiPASS Toolbar

You can use the F50 MFP as a stand-alone device for faxing or copying, or with
your PC as a fully-integrated printer/copier/scanner/fax. From your PC, you can
access and navigate many of the features using the MultiPASS toolbar.

Getting More Help

This manual describes some of the features of your F50 MFP and how to use
them. For more information, see the online *MultiPASS User's Guide* available on
your MultiPASS CD-ROM.

You can also access online help from the MultiPASS toolbar (see "How to Use
the MultiPASS Toolbar" starting on page 5) or the printer driver (see "How to
Print" starting on page 39).

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The F50 MFP Unit

ADF (AUTOMATIC DOCUMENT FEEDER)

ADF COVER   DOCUMENT GUIDES

MULTI-PURPOSE
TRAY and TRAY COVER
Insert paper or
envelopes

DOCUMENT OUTPUT
SLOT

CONTROL PANEL   OUTPUT TRAY

ADF REFERENCE

DOCUMENT COVER
Open to place a document
on the glass

PLATEN
GLASS

SCANNING UNIT
Open to install the
printhead and ink tanks

SCANNING
LOCK

PRINTHEAD
HOLDER

PAPER
THICKNESS
LEVER

OPEN BUTTON
Push to open the scanning unit

2

Control Panel Menus

Menu options on the control panel vary depending on whether **Copy, Fax** or **Scan** mode is selected.

Some options are common to all modes.

How to Load Paper and Envelopes

Specifying Paper Size and Type

If copying on specialty paper (glossy, high resolution, transparency or photo), you can optimize results by setting the paper size and type from the F50 MFP control panel. If printing on specialty paper, select the appropriate paper type from the printer driver. For procedures, see the chapters on printing, copying or faxing in this manual, or the documentation included on your *MultiPASS Suite 4.0 CD-ROM*.

Loading Paper

To load paper or other media:

1 ADJUST PAPER GUIDE

Pinch and slide the paper guide to the left.

2 INSERT PAPER

Fan the sheets, then tap the stack edge to align.

Insert into the multi-purpose tray, with the edge aligned to the right and print side facing up.

When using specialty media, do not touch the print side.

Do not exceed the paper limit mark.

Place the tray cover on the multi-purpose tray when finished.

Tips on Navigating the Control Panel Menus

Set — Press the **Set** button to move down to the next menu level or select a menu option.

Stop/Reset — Press **Stop/Reset** at any time to exit the menus.

Introduction
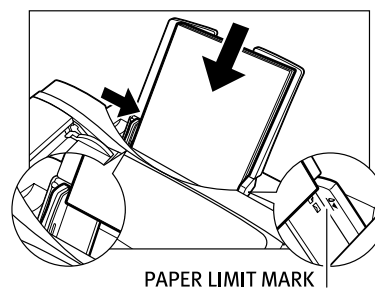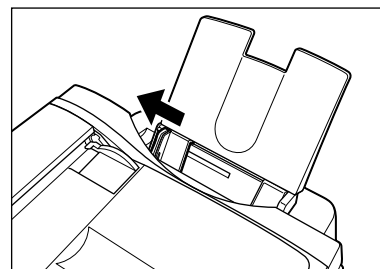
PAPER LIMIT MARK

To load envelopes:

1 OPEN SCANNING UNIT

Press the **Open** button on the side of the F50 MFP, then lift the scanning unit.
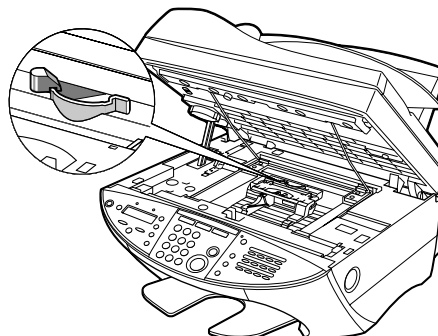
2 SET PAPER THICKNESS LEVER

Adjust the paper thickness lever to the right, then close the scanning unit until it clicks into place.

3 ADJUST PAPER GUIDE

Pinch and slide the paper guide to the left.

4 INSERT ENVELOPES

Before loading, press the corners and sides of the envelopes to make them as flat as possible. Insert into the paper tray, with the print side facing up and aligned to the right.
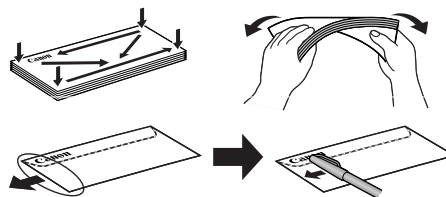
Make sure that none of the envelope flaps overlap. If the envelope edges are not flat, crease them with a pen.

Insert envelopes into the multi-purpose tray, with the address side facing up and pointed in the direction shown. Align the stack with the right side of the paper rest.

5 READJUST PAPER GUIDE

Move the guide securely to the edge of the envelopes.

6 REPLACE TRAY COVER

Place the tray cover on the multi-purpose tray when finished.

PAPER LIMIT MARK

4
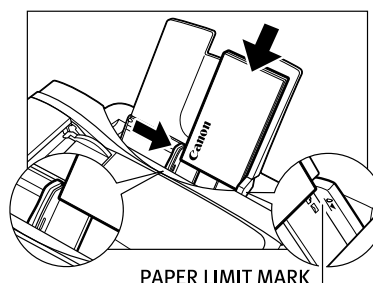
2

How to Use the MultiPASS Toolbar

The Canon MultiPASS Suite is a software program that provides tools for quickly accessing and using many of the features of your F50 MFP. With the MultiPASS Toolbar, your F50 MFP is fully integrated with your PC as a printer, copier, scanner and fax.

Documents scanned through the MultiPASS Toolbar can be saved, edited, faxed or emailed. You can also customize the settings for the different toolbar features.

The MultiPASS Toolbar icons provide quick access to a number of scanning operations.

Fax scans a document and sends it as a fax.

Mail scans an image and attaches it to an email.

Save scans an image and saves it as a file which can later be viewed, edited, printed or sent as a fax or email.

Photo scans an image, and sends it to an image processing application.

My MultiPASS accesses the My MultiPASS folders, from which saved files can be viewed, edited, printed or sent as a fax or email.

Settings allows editing of MultiPASS Toolbar settings.

Getting Help for the Toolbar

Online help is available for the toolbar.

To access online help from the toolbar:

- Click the [?] icon on the toolbar, *or*
- Right-click any screen area of the window to access the **What's This?** help description for that area, *or*
- Click the [?] key in the upper right corner, then click the feature you want to know more about.

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Getting More Help

This manual describes some of the features of your F50 MFP and how to use them. For more information, see the online *MultiPASS Software Guide* available on your MultiPASS CD-ROM.

Using the MultiPASS Toolbar

Opening the toolbar provides direct access to the MultiPASS features. Once the toolbar is open, you can access the desired feature directly.

To access the toolbar:

Double-click the **Canon MultiPASS Toolbar** icon on your desktop , *or* go to **Start,** then **Programs**. Select **Canon MultiPASS Suite 4.0,** then **Canon MultiPASS Toolbar.**

Modifying Toolbar Settings

Toolbar Settings define the settings used for scan operations started from the MultiPASS toolbar. Before using the MultiPASS Toolbar, set up each option using Toolbar Settings.

You can set a custom image type, image quality resolution and paper size for each scan operation. For scan operations that open other applications (such as **Scan Photo**), you can select the application to open.

You can also set up to three custom scan operations with the **Custom1, Custom2** and **Custom3** tabs. Custom operations only show on the toolbar if they've been set up to do so.

To change Toolbar Settings:

1 SELECT OPTION TO BE MODIFIED

Click on the MultiPASS Toolbar, then select the tab for the setting you want to modify.

6
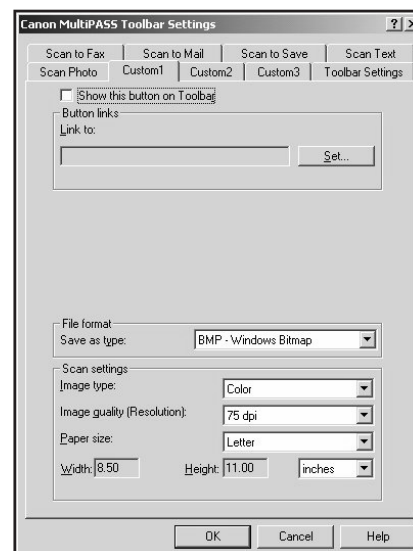
2 DEFINE SETTINGS FOR OPERATION

Make the desired modifications for each operation, referring to the online help as needed. When one tab is complete, select the next tab and continue.

Click **OK** to save the new settings and exit the dialog box.

Working with Saved MultiPASS Files

When a document is scanned with the Scan to Save option or is saved from within the MultiPASS viewer, it is saved in the My MultiPASS folders. From these folders, a saved document can be viewed, edited, sent as a fax or email attachment, or printed.

Accessing Saved MultiPASS Files

When you access files saved through MultiPASS Toolbar, the Exploring My MultiPASS window will open. Folders are pre-set:

Outbox for faxes not successfully sent or scheduled for later transmission.

Received Faxes for faxes received when the F50 MFP is set to receive all incoming faxes on the PC. See "Receiving Faxes on your PC" starting on page 9.

Scan to Save for documents scanned with the scan-to-save option.

Sent Faxes for faxes sent through the MultiPASS Toolbar.

There is also a MultiPASS menu option for faxing or emailing documents directly from this window.

Files saved when **Scan Photo** is clicked are saved in your **C:/My Documents/My Pictures** folder and cannot be used within the MultiPASS Explorer for MultiPASS operations.

You can navigate to other folders from within the My MultiPASS Explorer, but as soon as you click on a non-MultiPASS folder, the MultiPASS menu option will go away.
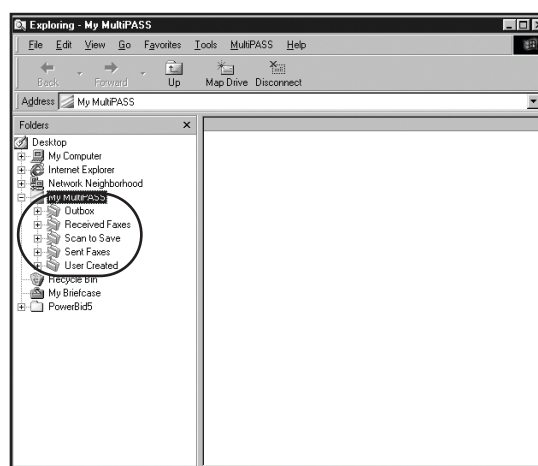
To access the MultiPASS options again, click on one of the MultiPASS folders.

Files you have created in other applications cannot be saved in My MultiPASS folders.

To access files in the My MultiPASS folders:

Click the [icon] icon on the MultiPASS Toolbar *or* double-click the **My MultiPASS** icon on the desktop.

Viewing, Editing and Printing Saved Documents

Documents saved in My MultiPASS folders can be viewed and edited in the MultiPASS Viewer.

To use the MultiPASS Viewer:

1 ACCESS DOCUMENT

Navigate My MultiPASS folders, then double-click the document. The MultiPASS Viewer will open and display the document.

2 VIEW OR EDIT DOCUMENT

On the MultiPASS Viewer, you can rotate the document and perform other basic editing tasks.

To print the document, click **Print** on the MultiPASS Viewer toolbar.
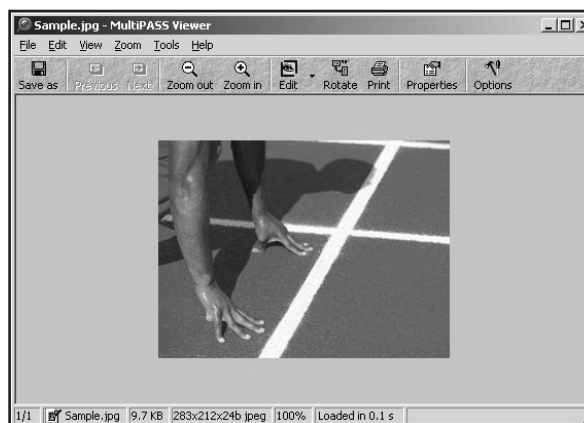
Working with the Address Book

Unless you specify otherwise, the MultiPASS software uses the MultiPASS Address Book to store all of your address book entries. You create the Address Book the first time you open it.

To create the Address Book:

1 OPEN CANON ADDRESS BOOK PROFILE

Click **Start, Programs, Canon MultiPASS Suite 4.0,** then **Canon MultiPASS Address Book Profile.**

2 CREATE AN ADDRESS BOOK

Click **Create New Windows Address Book (WAB) file for MultiPASS**, then click **OK**.
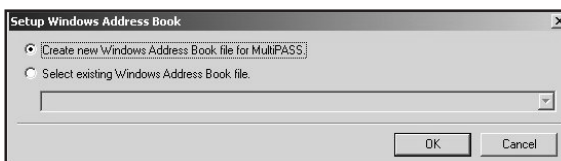
3 OPEN YOUR ADDRESS BOOK

Double-click **My MultiPASS** folders icon on the Windows desktop, click the **MultiPASS** menu, then **Address Book**.

You can now enter **WAB Contacts** (individual data) or a **WAB Distribution List** (multiple addresses to whom you repeatedly send the same PC faxes).

Faxing or Emailing Saved Documents

You can fax a document saved in MultiPASS or attach it to an email.

To fax or email a document:

1 SELECT DOCUMENT

Navigate My MultiPASS folders, then click the document to highlight.

2 SEND DOCUMENT

Select the **Fax** option to send a fax, or the **Email** option to send an email with the document attached. Follow the on-screen instructions.
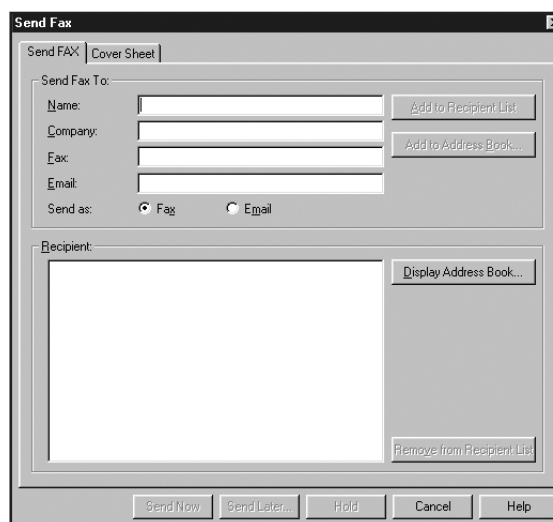
Receiving Faxes on your PC

You can set up the F50 MFP to automatically receive faxes to the MultiPASS Suite. Faxes are saved in the My MultiPASS\Received Faxes folder where they can be viewed or printed on demand.

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To receive faxes to the MultiPASS Suite:

1 ACCESS TOOLBAR

Click the ![icon] icon on the MultiPASS Toolbar.

2 SET UP FAX RECEIVE MODE ON THE PC

In MultiPASS Explorer, click the **MultiPASS** menu, then select **Device Setup/Speed Dial**, then **MultiPASS F50.**

Click the **Receive Fax** tab.

Under **Receive Conditions,** click the drop-down menu next to **When Computer Is On.**

Select **Send to PC** to save incoming faxes on your PC, *or* select **Print Fax** to enable incoming faxes to print under **Receive Condition When Computer Is Off.**

The MultiPASS Status Monitor

The Status Monitor displays a list of the F50 MFP's currently running jobs. If no jobs are running, it shows the F50 MFP as idle.

The Status Monitor normally opens automatically when you turn on your computer. However, if you close it for any reason, it must be opened again to print, scan or fax from your PC.

To open the Status Monitor:

Click **Start,** then **Programs.**

Select **Canon MultiPASS Suite 4.0,** then **Canon MultiPASS Status Monitor.** The following window will appear on your screen.

Tips on Sending Faxes or Emails Using MultiPASS

When prompted, enter the name and fax number and/or email address of the recipient, then click **Add to Recipient List**. This information will also be stored in the MultiPASS Address Book for future use.

To fax or email to multiple recipients (sometimes referred to as *sequential broadcasting*), continue to enter fax numbers or email addresses and click **Add to Recipient List**.

Once fax or email data is entered, you have the option to **Send Now** or **Send Later.** If you click **Send Later,** you will be prompted to enter a date and time to send the fax or email.

3
Setting Up Your Fax

Below are the control panel buttons you will use for setting up your fax.
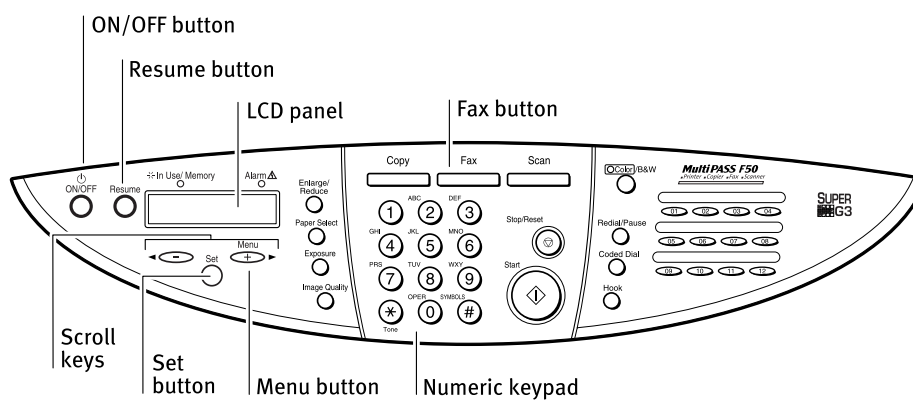
Before you can use your F50 MFP for faxing, you will need to connect the F50 MFP to your phone line, then fully configure the F50 MFP for faxing.

Connecting Your Fax

Connect your F50 MFP to the wall jack as shown on the next page.

- If you are using an answering machine on the same phone line, connect it to the F50 MFP.

- If you are using a telephone on the same phone line, connect it to the F50 MFP.

- If you are using both an answering machine and a phone, connect the answering machine to the F50 MFP, then connect the phone to the answering machine.

- If you are connecting the F50 MFP to the same line as your PC's modem, connect the modem line to the F50 MFP.

Recommended Device Connections ————————— **Receive Modes**

Machine Only ———————————————————— FAX ONLY MODE

Wall Jack

For external
devices, such as
answering
machine, phone
or data modem

Machine and Telephone ——————————— FAX/TEL AUTO SW
DRPD
MANUAL MODE

Telephone

Wall Jack

Machine and Answering Machine ——————— ANS. MACHINE MODE

Wall Jack   Answering
Machine

For phone line

Machine, Answering Machine and Telephone ——— ANS. MACHINE MODE

Wall Jack   Answering   Telephone
Machine

Machine and PC Modem ——————————— FAX ONLY MODE
DRPD

PC

Wall Jack

If you use an external device with your F50 MFP, be sure to select the correct
receive mode for that device. (See "Setting the Fax Receive Mode" on page 14.)

Configuring Your Fax

There are specific steps you should take to configure your fax for optimum
performance:

- Select the mode you wish to use for receiving faxes
- Set up a distinctive ring pattern (if available from your phone company and in
  use)
- Enter your sender information
- Ensure that your F50 MFP is set for the correct service (tone or pulse)

Entering Sender Information

FCC rules state that sender information must be transmitted with every fax sent. This includes the fax number, personal or company name and the date and time sent.

To enter sender information:

1 ACCESS DATE & TIME

Press 🔘 until **FAX SETTINGS** appears, then press 🔘 three times to access **DATE & TIME**.

2 ENTER CURRENT DATE AND TIME

Press ◄🔘 🔘► to scroll through date and time fields. Use the numeric keys to enter date (MMDDYY), and time (HH:MM in 24-hour format).

Press 🔘 to save.

3 ACCESS UNIT TELEPHONE #

Press ◄🔘 🔘► until **UNIT TELEPHONE #** appears.

Press 🔘 to access.

4 ENTER FAX/PHONE NUMBER

From the numeric keypad, enter fax/phone number (up to 20 digits, including spaces).

Press 🔘 to save.

5 ENTER UNIT NAME

Press 🔘 again, then use the numeric keypad to enter your name or company name (up to 24 characters, including spaces).

Tips on Entering Names and Numbers

Refer to the table below for which numeric key to press for each character. Press each key once or more until the desired character appears.

Key	Characters	Number
①		1
② ABC	ABCabc	2
③ DEF	DEFdef	3
④ GHI	FHIghi	4
⑤ JKL	JKLjkl	5
⑥ MNO	MNOmno	6
⑦ PRS	PQRSpqrs	7
⑧ TUV	TUVtuv	8
⑨ WXY	WXYZwxyz	9
⓪ Oper		0
# Symbols	-.*#!",;:^`_=/|'?$@%&+()[]{}<>	

A 60-second pause will return the F50 MFP to standby mode without saving the data entered.

Press 🔘► to enter a space.
Press ◄🔘 to delete an entered character.

Setting Up Your Fax

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When done, press ⭕ (Set) to save, then ◎ (Stop/Reset) to exit.

Switching from Touch Tone to Rotary Dialing

Your F50 MFP is set to operate with a touch tone line. If your line does not support touch tone dialing, you can reset the F50 MFP for rotary dialing. See the online *MultiPASS Fax Guide* on your CD-ROM for instructions on how to switch from touch tone to rotary dialing.

Setting the Fax Receive Mode

There are five possible modes for receiving faxes:

FAX/TEL AUTO SW Automatically switches between fax calls and voice calls. Receives faxes automatically and rings for voice calls.

FAX ONLY MODE Answers all calls as fax calls, receiving faxes automatically and disconnecting voice calls.

DRPD Distinctive Ring Pattern Detection allows the user to distinguish between incoming voice and fax calls. See "Setting a Distinctive Ring Pattern" on page 15.

MANUAL MODE If a phone is connected to the F50 MFP, the phone will ring every time a call comes in. You can answer the call, or press **Start** to receive an incoming fax after lifting the handset. See "Receiving Faxes Manually" on page 24.

ANS. MACHINE MODE If you have an answering machine connected to the F50 MFP, the F50 MFP will receive faxes, and route voice calls to the answering machine in this mode.

See "How to Fax" starting on page 21 for procedures on receiving and sending faxes.

FAX MODE MENUS

Menu →

1. RECEIVE MODE → (Set) → FAX/TEL AUTO SW / FAX ONLY MODE / DRPD / MANUAL MODE / ANS. MACHINE MODE

2. MEMORY REFERENCE → (Set) → 1. DOC. MEMORY LIST / 2. PRINT DOCUMENT / 3. DELETE DOCUMENT / 4. FILE PRINT

3. REPORTS/LISTS → (Set) → 1. ACTIVITY REPORT / 2. SPEED DIAL LIST / 3. USER DATA LIST / 4. DOC. MEMORY LIST

4. TEL REGISTRATION → (Set) → 1. 1-TOUCH SPD DIAL / 2. CODED SPEED DIAL / 3. GROUP DIAL

5. FAX SETTINGS → (Set) → 1. USER SETTINGS / 2. REPORT SETTINGS / 3. TX SETTINGS / 4. RX SETTINGS

6. PRINTER SETTINGS

7. SYSTEM SETTINGS

To select a receive mode:

1   ACCESS RECEIVE MODE

Press ⬖► *(Menu)* until **RECEIVE MODE** appears.

Press ⬭ *(Set)* to access.

2   SELECT RECEIVE MODE

Press ◄⬭ ⬖► *(Menu)* to scroll through receive modes, then press ⬭ *(Set)* to save the setting.

Press ▽ *(Stop/Reset)* to exit.

Setting a Distinctive Ring Pattern

Distinctive Ring Pattern Detection (**DRPD**) is a service offered by most phone companies, providing multiple phone numbers with different ring patterns on the same line. The F50 MFP can detect the different ring patterns and will respond accordingly. One ring pattern can be assigned for voice calls that the F50 MFP will not answer. Another ring pattern can be assigned for faxes that the F50 MFP will receive automatically.

To use this feature, you will need a different custom ring pattern assigned to each number through your local phone company. For the fax line, choose from the following patterns:

- Other ring type
- Normal ring
- Double ring
- Short-short-long ring
- Short-long-short ring

Distinctive Ring Pattern Detection (**DRPD**) will function correctly only when your phone line and the F50 MFP have been set up as described above. **DRPD** settings on the F50 MFP *must* match the ring patterns assigned by the phone company.

To set your custom fax ring pattern:

1   ACCESS RX SETTINGS

Press ^{Menu} ⮂ until **FAX SETTINGS** appears. Press ^{Set} ○ to access.

Press ◂⮂ ^{Menu} ⮂ until **RX SETTINGS** appears. Press ^{Set} ○ to access.

2   SET DRPD SELECT FAX

Press ◂⮂ ^{Menu} ⮂ until **DRPD:SELECT FAX** appears. Press ^{Set} ○ to select.

3   SET RING PATTERN

Press ◂⮂ ^{Menu} ⮂ to scroll to the ring pattern assigned to your fax line.

Press ^{Set} ○ to select. When done, press ^{Stop/Reset} ▽ to exit.

Setting Up and Printing Reports

The F50 MFP provides a variety of fax-related reports and lists. The two most frequently used are the **Activity** and **TX** (transmission) reports.

Activity Report

Shows recent sent and received fax transactions. This report automatically prints after every 20 transmissions, unless disabled. It can also be printed on demand.

TX (Transmission) Report

A TX Report prints after every document transmission, unless disabled. It can also be set to print only when an error occurs while sending. Additionally, you can enable the F50 MFP to print the first page of the document with the TX Report to remind you of the contents of the fax.

Other Reports

Other automatic reports available from the F50 MFP include:

- **RX (Reception) Report** shows faxes received. When enabled, it can be set to automatically print after each fax received, or only when an error occurs.

- **Multi TX/RX Report** is a multiple transaction/reception report that prints automatically after sequential broadcasting.

- **Memory Clear Report** automatically prints when power is restored after a

Setting Up Your Fax

```
12/03/2001  17:28  FAX 123 4567              CANON                    ☑ 001

                    *****************************
                    ***    ACTIVITY REPORT    ***
                    *****************************

  ST. TIME   | CONNECTION TEL | CONNECTION ID  | NO.  | MODE          | PGS.| RESULT
 *12/03 15:10|   905 795 1111 | Canon CANADA   | 5001 | AUTO RX   ECM |  1  | OK  00'33
 *12/03 15:14|   905 795 1111 | Canon CANADA   | 5002 | AUTO RX   ECM |  1  | OK  00'24
 *12/03 15:22|   03 3758 2111 | Canon TOKYO    | 0001 | B'CAST    ECM |  3  | OK  01'18
 *12/03 15:45|     2 887 0166 | Canon AUSTRALIA| 0001 | B'CAST    ECM |  3  | OK  01'18
 *12/03 16:10|   905 795 1111 | Canon CANADA   | 5003 | AUTO RX   ECM |  1  | OK  00'18
 *12/03 16:16|     2 887 0166 | Canon AUSTRALIA| 5004 | AUTO RX   ECM |  4  | OK  00'59
 *12/03 16:27|    20 545 8545 | Canon EUROPA   | 0002 | TRANSMIT  COL |  1  | OK  01'20
 *12/03 16:30|    20 545 8545 | Canon EUROPA   | 0003 | TRANSMIT  COL |  1  | OK  04'12
  12/03 16:53|   03 3758 2111 | Canon TOKYO    | 5005 | AUTO RX   ECM |  1  | OK  01'16
  12/03 17:08|     2 887 0166 | Canon AUSTRALIA| 0004 | TRANSMIT  COL |  3  | NG  00'51
                                                                        3  | STOP
  12/03 17:20|     1 432 2060 | CANON OPTICS   | 0005 | TRANSMIT  COL |  0  | NG  00'01
                                                                        0  | #018
```

＊INDICATES AN ENTRY THAT HAS APPEARED ON A PREVIOUS REPORT

TRANSACTION (TX/RX) NUMBER

TRANSACTION MODE

COLOR TRANSACTION

ERROR CORRECTION MODE TRANSACTION

ERROR PAGE

ERROR CODE

Stop/Reset WAS PRESSED DURING TRANSACTION

TRANSACTION DURATION

Sample Activity Report

```
12/27/2001  17:21  FAX 123-456-7890              CANON                    ☑ 001




                    ********************************
                    ***        TX REPORT        ***
                    ********************************


          TRANSMISSION OK

          TX/RX NO                    0004 :COLOR TX
          CONNECTION TEL                     201 555 1212
          CONNECTION ID               Canon USA
          ST. TIME                    12/03  17:21
          USAGE T                     00'18
          PGS. SENT                   1
          RESULT                      N G
```

OK: TRANSMISSION SUCCESSFUL
NG: SOME OR NO PAGES SENT

NUMBER OF PAGES SENT

TRANSMISSION DURATION

TRANSMISSION TIME

"COLOR TX" INDICATES A COLOR TRANSMISSION

Sample TX (Transmission) Report

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power outage, showing the telephone number or ID transmitted.

The remaining reports can be printed on demand only.

- **User Data List** prints all of the entered sender information and current settings.

- **Doc. Memory List** prints a list of documents in memory, along with the transaction number (TX/RX no.) for each document. See "Working With Faxes Stored in Memory" starting on page 32.

There are also three reports relating to speed dialing:

- **1-Touch Spd Dial List** prints the names and numbers entered for one-touch speed dialing buttons.

- **Coded Speed Dial List** prints the names and numbers entered for coded speed dialing codes.

- **Group Dial List** lists groups registered under one-touch speed dialing buttons and coded speed dialing codes.

Tips for Printing Speed Dialing Reports

The **SPEED DIAL LIST** option provides access to the three speed-dialing reports:

- **1**-TOUCH LIST
- CODED DIAL LIST
- GROUP DIAL LIST

You have the option on these reports of sorting alphabetically by name. For **SORTED OUTPUT**, press ✳ for **Yes** or # for **No**.

Printing Reports on Demand

To print a report on demand:

1 ACCESS REPORTS/LISTS

Press ⟷► Menu until **REPORTS/LISTS** appears.

Press ◯ Set to access.

2 SELECT REPORT

Press ◄⟷ ⟷► Menu to scroll through reports.

Press ◯ Set to print the selected report.

Enabling/Disabling Automatic Reports

Automatic printing for the TX Report, RX Report and Activity Report can be turned off and on. If automatic reporting is disabled for an Activity Report, you

can still print it on demand. See "Printing Reports on Demand" on previous page.

To enable/disable automatic report printing:

1 ACCESS DESIRED REPORT

Press ⊖► ^{Menu} until **FAX SETTINGS** appears. Press ◯ ^{Set} to access.

Press ◄⊖ ⊖► ^{Menu} until **REPORT SETTINGS** appears. Press ◯ ^{Set} to access.

Press ◄⊖ ⊖► ^{Menu} to scroll to the desired report. Press ◯ ^{Set} to access.

2 ENABLE/DISABLE AUTOMATIC PRINTING

Press ◄⊖ ⊖► ^{Menu} to scroll through options:

> **PRINT ERROR ONLY** causes a report to print only when a transmission error (TX) or reception error (RX) occurs.

> **OUTPUT NO** disables automatic printing.

> **OUTPUT YES** prints a report every time a fax is sent (TX) or received (RX).

> For an **Activity Report** the options are **ON** or **OFF** only.

Press ◯ ^{Set} to select.

If you enable printing for the TX Report, continue to the next step.

Otherwise, press ▽ ^{Stop/Reset} to exit.

3 enable or disable fax page (TX REPORT only)

If you select **PRINT ERROR ONLY** or **OUTPUT YES** for a TX Report, you have the option to **PRINT WITH IMAGE,** which includes the first page of the fax (B&W only) with the report.

> **ON** prints the first page of the fax after the report.

> **OFF** disables this feature.

Press ◄⊖ ⊖► ^{Menu} to scroll to **ON** or **OFF,** then press ◯ ^{Set} to select.

Press ▽ ^{Stop/Reset} to exit.

Setting Up Your Fax

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How to Fax

Below are the control panel buttons you will use for faxing.

ON/OFF button

Resume button

Fax button

LCD panel

Coded Dial button

One-Touch Speed Dial buttons

Set button

Scroll keys

Menu button

Exposure button

Image Quality button

Numeric keypad

Color/B&W button

Hook button

Stop/Reset button

Start button
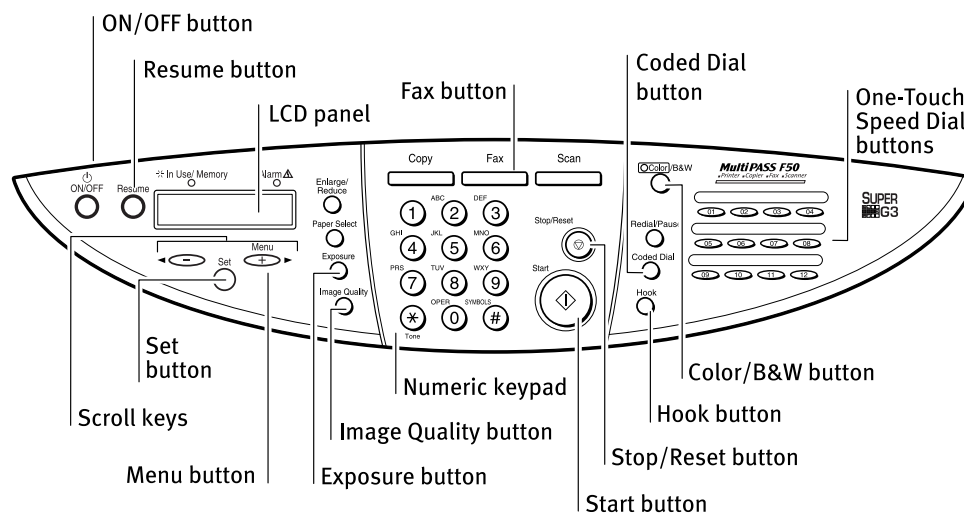
With the F50 MFP, you can:

- Send or receive faxes manually

- Send faxes with Coded Dialing or One-Touch Speed Dialing

- Send the same fax to a selected group of recipients.

If you have set the MultiPASS Suite to upload received faxes from the F50 MFP to your PC, but your PC is off, the F50 MFP will store the received faxes in its memory. Depending on the density of information on a page, up to 270* pages of fax information can be stored at a time. This allows you to review faxes received when you turn your PC on and upload the faxes to the My MultiPASS designated folders.

You can also send faxes in color, and change the image quality and contrast.

* Based on ITU-T No.1 Chart

Sending and Receiving Faxes Manually

Faxes can be sent manually from the F50 MFP at any time.

Depending on the mode you've set for receiving faxes (see "Setting the Fax Receive Mode" on page 14) you can also manually receive faxes if needed.

Sending Faxes

To manually send a fax:

1 **LOAD DOCUMENT**

Insert the document face up in the ADF tray, or face down on the glass.

2 **ENTER FAX MODE**

Press ⬚ Fax to access **Fax Mode**.

3 **DIAL NUMBER**

Using the numeric keypad, dial the number.

4 **SEND FAX**

Press ⬚ Start to send the fax. The fax will be scanned and sent.

Faxing From Your PC

You can fax an electronic document directly from your PC with the MultiPASS Toolbar. For more information, see "How to Use the MultiPASS Toolbar" starting on page 5.

You can also fax directly from your word processing program.

To send a fax from your word processor:

1 **SELECT FAX PRINTER DRIVER**

From within the word processing application, select **File**, then **Print**.

From the printer name drop-down menu, select **Canon MultiPASS F50 Fax** as the printer.

2 SEND FAX

Click **OK** to send the document. The **Send Fax** dialog box will appear.

Follow the on-screen instructions.

Redialing a Busy Number

There are two methods of redialing: *manual* and *automatic*.

If a fax does not go through the first time, the F50 MFP will automatically try two more times to send the fax at two-minute intervals (factory default setting). If all attempts are unsuccessful, the transmission will be canceled and an ERROR TX report will print.

When automatic redial is in use, the LCD panel displays the message AUTO REDIAL and the transaction number (TX/RX No.).

You can also adjust the number of redialing attempts and the time interval between attempts.

To manually redial a fax number:

Press Redial/Pause ○ to redial the last number entered from the numeric keypad.

To cancel automatic redial:

Wait until the F50 MFP begins redialing the number, then press the Stop/Reset ▽ button.

Confirm deletion by pressing the ✱ key, or press # to continue redialing.

To enable/disable automatic redial:

1 ACCESS AUTO REDIAL

Press ◁⊕▷ Menu until **FAX SETTINGS** appears. Press ○ Set to access.

Press ◀⊂⊃ ◁⊕▷ Menu to scroll to **TX SETTINGS**. Press ○ Set to access.

Press ◀⊂⊃ ◁⊕▷ Menu to scroll to **AUTO REDIAL**. Press ○ Set to access.

How to Fax

2 **Turn AUTO REDIAL on or off**

Press ◄⊙ ⊕► (Menu) to scroll to **ON** or **OFF**. Press ◯ (Set) to select.

To adjust number of redial attempts and redial interval:

1 **Access AUTO REDIAL**

Follow step one for enabling/disabling automatic redial on previous page.

AUTO REDIAL must be on.

2 **Access REDIAL TIMES**

Press ◯ (Set) to access, then press ◄⊙ ⊕► (Menu) to select from 1 to 10 redial attempts.

Press ◯ (Set) twice to select.

Press ◄⊙ ⊕► (Menu) to select from 2 to 99 minutes between redial attempts.

Press ◯ (Set) to select.

Receiving Faxes Manually

In **MANUAL MODE**, if you connect a telephone to your F50 MFP, you can receive voice calls as well as manually receive faxes. Manual fax receipt can be initiated from the F50 MFP or from a phone connected to the F50 MFP.

To manually receive a fax:

1 **Answer incoming call**

Press ▭ (Fax) to access **Fax Mode**.

When phone rings, answer from the phone connected to the F50 MFP.

2 **Receive fax**

If you hear a fax tone (slow beep), press ◯ (Start) on the F50 MFP, then hang up.

If a voice caller is on the line, ask the caller to send the fax, then, when

you hear a slow beep, press ^{Start} ⊕ on the F50 MFP, then hang up.

If you are not near the F50 MFP, press **25** (the remote receiving code) on the numeric keypad on your phone, then hang up.

Canceling a Fax

You can cancel current incoming or outgoing faxes.

To cancel an outgoing fax while a document is scanning:

Press ^{Stop/Reset} ⊚ to cancel the fax, then press ^{Resume} ◯ to eject the document. An Error TX Report will automatically print.

To cancel a fax after a document has been scanned or to cancel an incoming fax:

Press ^{Stop/Reset} ⊚ to cancel. A prompt will display on the LCD panel asking you to confirm cancellation.

Press ✳ to confirm or # to cancel. An Error TX Report will automatically print.

Faxing Automatically

There are several shortcuts for sending faxes to frequently used numbers.

- One-Touch Speed Dialing
- Coded Speed Dialing
- Group Dialing

One-Touch Speed Dialing

You can enter up to 12 fax numbers for quick number retrieval.

Before One-Touch Speed Dialing can be used, a number must be entered and assigned to a speed-dial button.

You can print a list of numbers entered for One-Touch Speed Dialing at any time. For procedures, see "Printing Reports on Demand" on page 18.

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To program a One-Touch fax number:

1 **ACCESS 1-TOUCH SPD DIAL**

Press ◖Menu►▸ until **TEL REGISTRATION** appears.

Press ◯ Set twice to access **1-TOUCH SPD DIAL**.

2 **SELECT A SPEED DIAL BUTTON**

Press ◂◖◖ ◖Menu►▸ to scroll through One-Touch Speed Dialing buttons.

If a One-Touch Speed Dialing button is already used, the phone number will appear next to the One-Touch Button number. If a group is registered for a One-Touch Button (see "Group Dialing" starting on page 29), the message GROUP DIAL appears next to the code.

Scroll to an unused code and press ◯ Set twice.

3 **ENTER FAX NUMBER**

From the numeric keypad, enter the phone number (up to 120 digits, including spaces and pauses).

Press ◯ Set twice to save the settings.

4 **ENTER NAME**

Use the numeric keypad to enter the name that is associated with the number (up to 16 characters, including spaces).

Press ◯ Set to save the settings.

Enter more One-Touch Speed Dial numbers as needed starting from step 2.

When done, press ◯ Stop/Reset to exit.

Tips on Entering Names and Numbers Into the F50 MFP

Refer to the table below for the numeric key to press for each character. Press each key once or more until the desired character appears.

Key	Characters	Number
①		1
② ABC	A B C a b c	2
③ DEF	D E F d e f	3
④ GHI	F H I g h i	4
⑤ JKL	J K L j k l	5
⑥ MNO	M N O m n o	6
⑦ PRS	P Q R S p q r s	7
⑧ TUV	T U V t u v	8
⑨ WXY	W X Y Z w x y z	9
⓪ Oper		0
# Symbols	-.*#!",;:^`_=/|'?$@%&+()[]{}<>	

If you pause for more than 60 seconds without entering data, the F50 MFP will return to standby mode without saving the data entered.

Press ◂◖◖ to delete an entered character.

Press ◖Menu►▸ to enter a space.

Press ◯ Redial/Pause to enter a pause.

To send a fax using One-Touch Speed Dialing:

1   LOAD DOCUMENT

Insert the document face up in the ADF tray, or face down on the glass.

2   ACCESS FAX MODE

Press [Fax] to access **Fax Mode**.

3   SELECT PHONE NUMBER

Press the One-Touch Speed Dial button that corresponds to the desired fax number. The fax will automatically be scanned and sent.

Using One-Touch Speed Dial Button Labels

Your F50 MFP includes a set of self-adhesive strips for labeling the One-Touch Speed Dial buttons on the control panel.

Once names and numbers have been assigned to the buttons, you can use these strips to write brief descriptions of the button uses, then attach the labels to the control panel above the buttons.
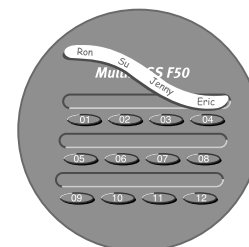
Coded Speed Dialing

You can enter an additional 100 numbers for quick retrieval using a two-step procedure.

As with One-touch Speed Dial, the Coded Speed Dial numbers must be entered before they can be used. You can print a list of numbers entered for Coded Speed Dialing at any time. For procedures, see "Printing Reports on Demand" on page 18.

To enter a Coded Speed Dial number:

1   ACCESS CODED SPEED DIAL

Press [Menu] until **TEL REGISTRATION** appears. Press [Set] to access.

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Press ◄⚬ ⚬► Menu until **CODED SPEED DIAL** appears. Press ⊙ Set to access.

2 SELECT CODE (00-99)

Press ◄⚬ ⚬► Menu to scroll through the codes.

If a Speed Dial Code is already set up, the number will appear. If a group is registered for that code (see Group Dialing on the next page), the message GROUP DIAL appears.

Scroll to an unused code and press ⊙ Set twice.

3 ENTER FAX NUMBER

From the numeric keypad, enter the fax number (up to 120 digits, including spaces and pauses).

Press ⊙ Set twice to save the settings.

4 ENTER NAME

Use the numeric keypad to enter the name that is associated with the number (up to 16 characters, including spaces).

Press ⊙ Set to save the settings.

Enter more Coded Speed Dial numbers as needed.

When you are finished, press ⊘ Stop/Reset to exit.

To delete or edit a ONE TOUCH or CODED SPEED DIAL entry:

1 ACCESS ENTERED NUMBER

Access the One-Touch number or Coded Speed Dial code as described in steps 1 and 2 of the previous procedure.

Once the number is displayed, press ⊙ Set twice to access the number.

2 DELETE OR EDIT PHONE NUMBER

Press ◄⚬ to delete some or all of the phone number.

If editing, enter the correct phone number.

Press ⬭ (Set) twice to save these settings.

3 DELETE OR EDIT NAME

Press ◂⬭ to delete all or part of the name.

If editing, enter the correct name.

Press ⬭ (Set) twice to save these settings. Press ◎ (Stop/Reset) to exit.

To send a fax using Coded Speed Dialing:

1 LOAD DOCUMENT

Insert the document face up in the ADF tray, or face down on the glass.

2 ENTER FAX MODE

Press ▭ (Fax) to access **Fax Mode**.

3 SELECT NUMBER

Press ⬭ (Coded Dial) then using the numeric keypad, enter the desired code from 00 to 99. The fax will automatically be scanned and sent.

Group Dialing

You can send the same fax to a group of numbers that have been entered for One-Touch or Coded Speed Dialing. For example:

Sales Contact Group:	Joe (One-Touch Dial position 02)
(One-Touch position 01)	Fred (One-Touch Dial position 03)
	Mary (One-Touch Dial position 04)
Customer Group:	ABC Supplies (Coded Dial position 21)
(Coded Dial 20)	Thrift Supplies (Coded Dial position 22)
	Best Hardware (Coded Dial position 23)

You can combine One-Touch Dial and Coded Dial entries in a single Group Dial list. However, you cannot manually enter phone numbers into a Group Dial list.

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Before setting up a Group Dial list, print a list of One-Touch or Coded Speed Dial numbers and codes. You can also print Group Dial lists after they are set up. See "Printing Reports on Demand" on page 18 for procedures.

To set up a Group Dial list:

1 ACCESS GROUP DIAL

Press ^{Menu}⊜► until **TEL REGISTRATION** appears, then press ○^{Set} to access.

Press ◄⊜ ^{Menu}⊜► until **GROUP DIAL** appears, then press ○^{Set} to access.

2 SELECT CODE FOR GROUP

Press ◄⊜ ^{Menu}⊜► to scroll through One-Touch Speed Dial codes (01 to 12), *or* press ○^{Coded Dial} then use the numeric keypad to choose an empty coded dial code (00-99).

If a speed dial button has already been programmed with another number, **1-TOUCH SPD DIAL**, **CODED SPEED DIAL** or **GROUP DIAL** appears.

When an unused code displays, press ○^{Set} twice.

3 ASSIGN ONE-TOUCH/CODED SPEED DIAL CODES TO GROUP

Press the One-Touch buttons to assign One-Touch Speed Dial codes to the group, (see "One Touch Speed Dialing" on page 25), *and/or* press ○^{Coded Dial} then use the numeric keypad to assign coded speed dial codes to the group (00 to 99). See "Coded Speed Dialing" on page 27.

As you enter each One-Touch or Coded Speed Dial code, it is automatically added to the Group Dial list.

When finished adding codes to the Group Dial list, press ○^{Set} twice to save the list.

4 ENTER A GROUP NAME

Use the numeric keypad to enter a name for the Group Dial list. Press ○^{Set} to save.

To delete an entry from the Group Dial list:

1 ACCESS GROUP DIAL

Press ⊕► Menu until **TEL REGISTRATION** appears. Press ◯ Set to access.

Press ◄⊙ ⊕► Menu until **GROUP DIAL** appears. Press ◯ Set to access.

2 SELECT GROUP DIAL LIST

Press ◄⊙ ⊕► Menu to scroll through One-Touch Speed Dial codes (01 to 12), *or* press ◯ Coded Dial then enter the coded group number.

Press ◯ Set twice.

3 DELETE ENTRY

Press ◄⊙ ⊕► Menu to scroll through phone numbers.

Press and hold ◄⊙ to delete the displayed entry. The LCD panel will display the message ERASING END.

Press ◯ Set to save.

If you want to delete another phone number, press ◄⊙ and ◯ Set to access the phone number list again.

When you are finished deleting phone numbers, press ◯ Stop/Reset to exit.

To delete a Group Dial list:

Deleting all phone numbers from a Group Dial list automatically deletes the group.

Faxing to a Group

Before faxing to a group, if you want to verify the names and numbers in the group, you can print a Speed Dial Report. See "Printing Reports on Demand" on page 18.

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To fax to a group:

1 LOAD DOCUMENT

Insert the document face up in the ADF tray, or face down on the glass.

2 SELECT GROUP

Press the One-Touch Speed Dialing button for the group to which you want to fax, *or* press ○ Coded Dial on the control panel then enter the code for the Group Dial list on the numeric keypad. The group name will display.

Press ◈ Start to begin faxing.

Working with Faxes Stored in Memory

Printing and Deleting Documents in Memory

The F50 MFP can store up to 30 document transactions or 270* pages in memory. If there are no documents stored in memory when **Memory Reference** is accessed, then the F50 MFP will return to standby mode.

A stored document can be printed for review or deleted from memory.

A document is stored in memory when:

- The document is scanned for memory-sending or delayed-sending, and has not yet been sent.

- The document is scanned for sequential sending.

- The MultiPASS Toolbar has been set to automatically upload faxes to the PC and a fax comes in when the PC is off. In this case, the fax will stay in the F50 MFP's memory until the PC is turned on again. The fax will then automatically upload to the PC and be deleted from memory.

- A fax is received when the F50 MFP is being used for other tasks, or cannot print due to an error (such as paper not loaded). Once the F50 MFP is again able to print, pressing the RESUME button will automatically print the received fax then delete it from memory.

When memory is full, the operations described above cannot be performed.

* Based on ITU-T No.1 Chart

Regularly deleting documents from memory keeps the memory free for these operations.

To print or delete a specific document, you must first print a **Document Memory List** and locate the document's reference number (TX/RX NO.) on the list.

To print a Document Memory List:

1 ACCESS DOCUMENT MEMORY LIST

Press ^{Menu}⊖► until **MEMORY REFERENCE** appears.

Press ^{Set}○ to access **DOC. MEMORY LIST**.

2 PRINT REPORT

Press ^{Set}○ to print the document list.

To print a document stored in memory:

1 REVIEW DOCUMENT LIST

Review the document list to find the TX/RX NO. that refers to the document you would like to print.

2 ACCESS PRINT DOCUMENT

Press ^{Menu}⊖► until **MEMORY REFERENCE** appears. Press ^{Set}○ to access.

Press ◄⊖ ^{Menu}⊖► until **PRINT DOCUMENT** appears. Press ^{Set}○ to access.

3 SELECT DOCUMENT

Press ◄⊖ ^{Menu}⊖► until the document TX/RX NO. that you would like to print appears.
Press ^{Set}○ to select.

4 PRINT DOCUMENT

Press ✳ to print just the first page of the document, or press # to print the entire document.

To print another document, repeat the procedure from Step 3.

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When finished printing documents, press ^{Stop/Reset} ⊘ to exit.

To delete a document from memory:

1 REVIEW DOCUMENT LIST

Review the document list to find the TX/RX NO. that refers to the document you want to delete.

2 ACCESS DELETE DOCUMENT

Press ☺► until **MEMORY REFERENCE** appears. Press ◯ to access.

Press ◄☺ ☺► until **DELETE DOCUMENT** appears. Press ◯ to access.

3 SELECT DOCUMENT

Press ◄☺ ☺► until the document TX/RX NO. appears. Press ◯ to select.

4 DELETE DOCUMENT

Press ✳ to delete or # to cancel.

To delete another document, repeat the procedure from step 3.

When finished deleting documents, press ^{Stop/Reset} ⊘ to exit.

Controlling Fax Appearance and Quality

There are several settings you can control to change or improve the appearance of your faxed documents.

Sending a Color Fax

Your F50 MFP can send color faxes to other fax machines with color capability. The default fax transmission is black and white, so before sending a color fax, the color setting must be selected.

If you try to send a color fax to a fax machine that does not support color, you may receive an error message. Should this occur, see "Cannot Send a Fax" page 71 for the remedy.

To send a color fax:

1 LOAD DOCUMENT

Insert the document face up in the ADF tray, or face down on the platen glass.

2 ENTER FAX MODE

Press [Fax] to access **Fax Mode**.

3 SELECT COLOR

Press [Color/B&W] to select. The color indicator light will come on.

4 DIAL NUMBER

Using the numeric keypad, dial the number.

Press [Start] to send the fax. The fax will be scanned and sent.

If you receive the error message **TRY AGAIN IN B&W** in the LCD, then the receiving fax machine does not accept color faxes. Resend the fax with the [Color/B&W] light off.

When the transmission is complete (or canceled) the F50 MFP will revert to B&W mode.

Setting Contrast and Resolution

When a document is placed into the F50 MFP for faxing, it is first scanned. There are two settings that affect the quality of the scanned (and faxed) document:

Contrast	The degree of difference between light and dark. A higher contrast setting will make blacks darker and whites brighter, while a lower contrast setting will make the differences between black and white less distinguished.
Resolution	Controls the fineness or clarity of a printout. Low resolutions may cause text and graphics to have a jagged appearance, while higher resolutions provide smoother curves and lines, crisp text and graphics, and a better match to traditional typeface designs.

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To adjust contrast:

Press ⬛ ^{Fax} to access **Fax Mode.** Press ⃝ ^{Exposure} to access **SCAN CONTRAST.**

Press ⬯▸ ^{Menu} to adjust for a higher contrast, and ◂⬯ to lower.

Press ⃝ ^{Set} to save the settings.

To set the scanning resolution:

1 ACCESS FAX RESOLUTION

Press ⬛ ^{Fax} to access **Fax Mode**. Press ⃝ ^{Image Quality} to access **FAX RESOLUTION**.

2 SELECT COLOR OR B&W

The default is B&W Standard. If you are working with a color document and want to fax in color, you must specify so.

To change resolution for a color document, press the ⃝ ^{Color/B&W} button.

3 SELECT RESOLUTION

Press ◂⬯ ⬯▸ ^{Menu} to select one of the following resolutions.

If in Black & White mode you can select:

B&W STANDARD for most text-only documents.

B&W FINE for fine-print documents.

B&W PHOTO for documents that contain photos.

If in Color Mode, you can select:

COLOR STANDARD for most text-only documents.

COLOR FINE for fine-print documents.

Press ⃝ ^{Set} to save the settings.

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Sequential Broadcasting

With sequential broadcasting, you can scan a document once and send it to multiple locations. You can broadcast the same document to up to 113 locations, using a combination of One-Touch Speed Dialing (12 locations maximum), Coded Speed Dialing (100 locations maximum) and regular redialing (1 additional location).

To use sequential broadcasting:

1 **LOAD DOCUMENT**

Insert the document face up in the ADF tray, or face down on the glass.

2 **SELECT FAX MODE**

Press Fax ⬡ to access **FAX MODE**.

3 **ENTER FAX NUMBERS**

Enter any combination of the following:

F*or One-Touch Speed Dial numbers*, press the desired One-Touch Speed Dialing button(s). Repeat as needed.

For Coded Speed Dialing numbers, press ○ Coded Dial once, then use the numeric keypad to enter coded fax number. Repeat as needed.

For regular dialing, use the numeric keypad to enter the fax number.

Press ○ Set once to save.

You must enter the second fax number within five seconds of entering the first one. All subsequent fax numbers must be entered within 10 seconds.

Press ◄⬡ Menu ⬡► to review the numbers entered.

4 **SEND FAX**

When all numbers are entered, press ⬥ Start to begin sending the fax.

If a number is busy, the F50 MFP will continue sending to the other destinations, then redial any numbers that were busy.

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How to Print

Using your F50 MFP with your PC lets you print basic business documents in B&W or color on a variety of specialty media. For a full list of Canon specialty media that can be used with your F50 MFP, see the inside back cover of this manual.

What Is a Printer Driver?

A *printer driver* is a software program that acts as an *interface* between your computer and your printer and allows you to print from any application that supports printing in Windows. The Canon F50 MFP printer driver also provides other features, such as monitoring the F50 MFP's paper supply and ink levels.

📖 Note	Menus vary between applications. Consult your user manual if recommended procedures for accessing the printing feature within an application do not match your application.

To access the printer driver dialog box:
From an application **File** menu, select **Print**. With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

Getting Help From the Printer Driver

Online help is available when in the printer driver.

To access online help from the printer driver:

*   Press the **F1** key, *or*
*   Right-click any screen area of the window to access the **What's This?** help description for that area, *or*
*   Click the [?] key in the upper right corner, then click the feature you want to know more about, *or*
*   Click the [Help] button when it is available.

Selecting the F50 MFP Printer

If the F50 MFP is the only printer connected to your PC, it will be the default (main) printer. However, if your PC has access to multiple printers, you can select the F50 MFP as the default.

If another printer is set as the default, you can select the F50 MFP for a specific print job from within most Windows applications.

To set the Canon MultiPASS F50 as your default printer:

1 ACCESS PRINTERS

From Windows desktop, click **Start**, then **Settings**, then **Printers**.

2 SET AS DEFAULT

Right-click the **Canon MultiPASS F50 printer icon**, then click **Set as Default**. The Canon MultiPASS F50 printer icon will display a check mark indicating it is the default printer.

To select the Canon MultiPASS F50 printer from within an application:

1 ACCESS PRINT DIALOG

With the application open, click **File**, then **Print**.

2 SELECT CANON F50 MFP

Select **Canon MultiPASS F50 Printer** from the printer name drop-down list, then click **OK**.

Canceling a Print Job

There are several ways to cancel a print job in progress.

To cancel a print job from the print dialog box:

When a job is printing on the F50 MFP, a print status dialog box displays on your screen.
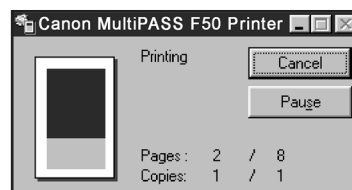
Click **Cancel** at any time while the print dialog is open to cancel the current job. The job will be canceled and the paper ejected.

To cancel a job from Windows:

1 ACCESS PRINTERS

While the print job is running, click **Start,** then **Settings,** then **Printers**.

2 DELETE JOB

Double-click **Canon MultiPASS F50 Printer**, right-click the print job, then **Cancel**.

Improving Printed Images

Two important factors control the quality and output of your printed images:

Paper and Ink   Using recommended paper or specialty media for printing graphic images or photographs can significantly improve print quality. Also, always use the specific Canon inks for your F50 MFP printer, as noted on the inside back cover.

Driver Settings   There are a variety of printer driver settings you can use to enhance the quality of the print, the colors and the way in which the document comes out of the printer. These settings can be adjusted from the printer driver interface, or in some instances, directly from the MultiPASS Toolbar.

Adjusting Print Quality

Two features that affect the appearance and quality of your printed documents can be controlled with the printer driver.

Media Type   The F50 MFP automatically adjusts printer settings to improve print quality based on the media type (plain paper, Glossy Photo Paper, etc.) you select.

Print Quality   When you select a media type, print quality is automatically set for that media. You can override these settings if desired.

To select best print quality with the Print Advisor wizard:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

2 USE PRINT ADVISOR

Click the **Print Advisor** button. The wizard dialog box will open.

Follow on-screen instructions to select the optimum output type, media and settings for your print job.

When done, click **OK** to save the setting and close the window.
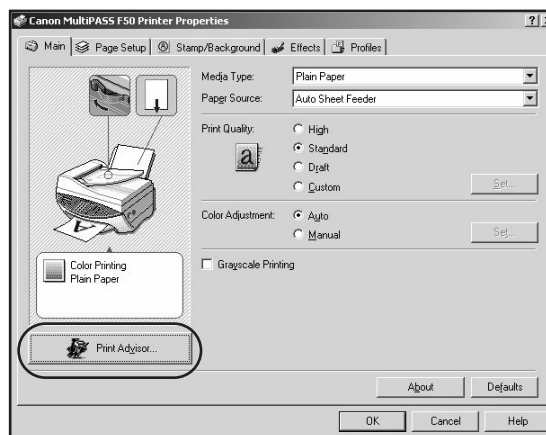
To manually adjust print quality settings:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

2 SELECT MEDIA TYPE

Select the appropriate **Media Type** from the drop-down menu.

3 CHANGE MEDIA SETTINGS

Each **Media Type** has a default **Print Quality,** but you can select different settings:

High   For high quality when printing a color document.

Standard   For high quality when printing text.

Draft   For printing text drafts at a faster speed.

Custom   To allow for more precise control.

If you select **Custom,** the **Set** button becomes active. Click **Set** to open the **Set Print Quality** dialog box. There are two features you can control:

Print Quality   Provides five settings for custom print quality, ranging from Fast at the far left (prints at 600 dpi, which means faster printing and less ink) to Fine, which prints at 2400 x 1200 dpi.

Halftoning   Controls the pattern in which the ink is laid down when printing graphic images.

When done, click **OK.**

Automatically Smoothing Images

Image Optimizer smoothes jagged edges formed when enlarging a photo or graphic from its original size. It is most effective when used with low-resolution images.

To smooth images:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print.**

With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties.**

2 SELECT IMAGE OPTIMIZER

Click the **Effects** tab, then click the **Image Optimizer** check box.

Click **OK** to save this setting and close the window.

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Adjusting Color Balance, Intensity and Brightness

You can enhance color printing by adjusting the color balance, intensity (saturation) and brightness.

To adjust color settings:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

2 ADJUST COLOR SETTINGS

Under Color Adjustment, select **Manual,** then click **Set** to open the **Manual Color Adjustment** dialog box.

Click and drag the **Color Balance** slide bar for each color to adjust the color settings. The results will preview.

Click and drag the **Intensity** slide bar to change the intensity (saturation) for the image. The results will preview.

To use **Image Color Management (ICM),** see below.

Under **Print Type**, select **Photo** when printing photographs for a wider range of tones, or **Graphic** when printing graphic images for crisper, cleaner printing.

Select a **Brightness** setting to determine how light or dark the image will appear when printed.

Image Color Management (ICM) automatically adjusts image colors. To use ICM, click the **Enable ICM** check box. All other features on this tab (except intensity) will become inactive.

When done, click **OK.**
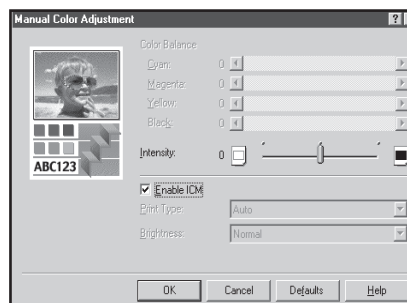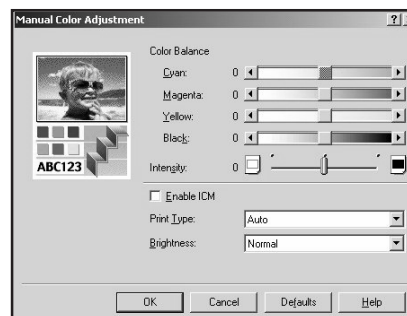
Automatically Optimizing Images

Photo Optimizer PRO automatically adjusts a photographic image created with a digital camera. Use this feature to compensate for unsatisfactory color balance and over- or under-exposure before printing.

To optimize images:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**.

2 SELECT PHOTO OPTIMIZER PRO

Click the **Effects** tab, then click the **Photo Optimizer PRO** check box.

When Photo Optimizer PRO is checked, the **Apply Throughout Page** option becomes active. If this box is left unchecked, the F50 MFP will optimize each image individually. If checked, all images will be automatically corrected with the same settings.

When done, click **OK**.
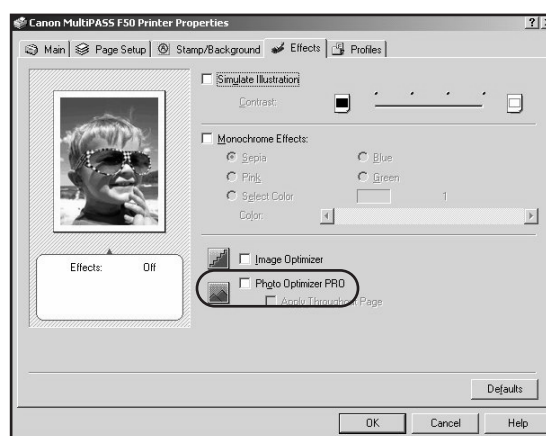
Changing Page Setup

You can change how the image is printed without affecting the original image file.

To change page setup:

1 ACCESS PRINTER DRIVER
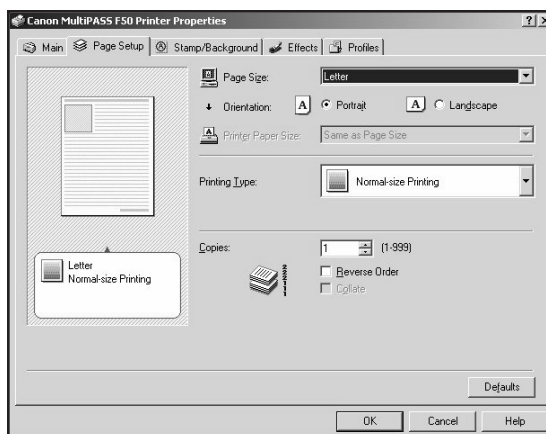
From an application **File** menu, select **Print**.

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With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**.

2   MAKE PAGE SETUP CHANGES

Click the **Page Setup** tab.

From this tab, you can change the following:

Page Size defaults to the page size set in the original document, but can be changed.

Orientation lets you select either portrait or landscape orientation.

Printer Paper Size is the page size used by the printer. This defaults to match the page size. However, a different printer paper size can be selected if a Printing Type other than normal is selected (see below).

Printing Type defaults to Normal-size Printing. Click the drop-down arrow to select a different Printing Type:

> **Scaled Printing** lets you set the scale of the printed image down to 20% or up to 400% of the original.

> **Fit-To-Page Printing** lets you automatically reduce the image to fit the page on which it will be copied.

> **Page Layout Printing** lets you set the number of pages to print on a single sheet. Click **Specify** to set the number of pages to a sheet of paper (2 to 16), the print order for those pages (left to right or right to left) and whether you want to print a border around each page.

> **Poster Printing** lets you print an oversized image on multiple pages that can then be manually joined together. Click Specify to set the image divisions (how many tiles the image will break up into).

> **Banner Printing** is used for printing banners on special banner paper.

When done, click **OK**.

Saving and Recalling Driver Settings

When you change printer driver settings for a specific print job, such as printing black and white photos, or printing documents with a special background, you can save and name this settings profile for future use on other similar print jobs.

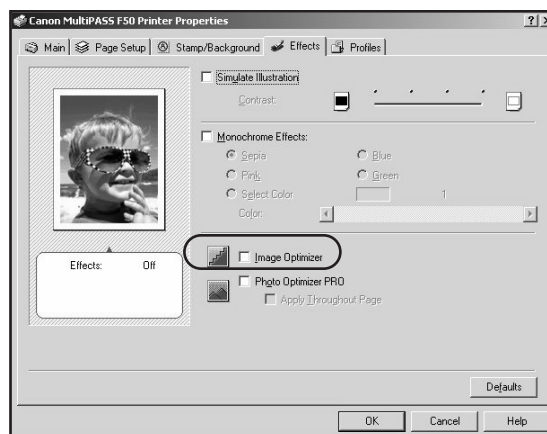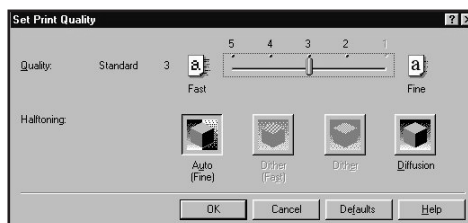### *To save a driver setting profile:*

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F50 Printer** as the selected printer, click **Properties**.

2 NAME AND SAVE PROFILE

Click the **Profiles** tab.

Click **Add to Profiles,** then type a name for your settings in the **Name** field. You can also select an icon for this profile.

Type a description of your settings.

Click **Save**.
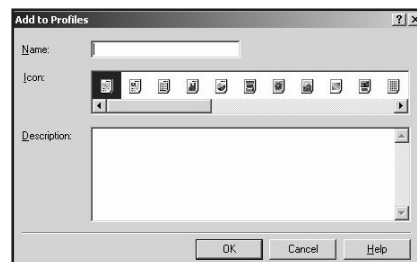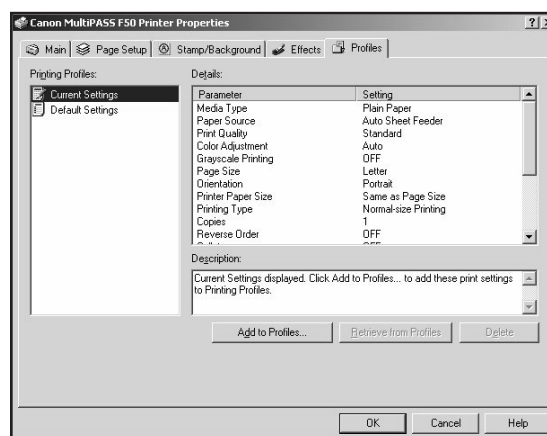
To recall a driver setting profile:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

2 RETRIEVE PROFILE

Click the **Profiles** tab.

Highlight the saved setting profie you want to use, then click **Retrieve from Profiles.** Click **OK** to confirm the profile change. The profile settings will become active.

Click **OK** again to close the window.

Other Print Features

You can find other available features in the online *MultiPASS Reference Guide* on your CD-ROM, or by exploring the printer driver interface and referring to the online help as needed.

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How to Copy

Below are the control panel buttons you will use for making copies.

ON/OFF button
Resume button
LCD panel
Paper Select button
Enlarge/Reduce button
Copy button
Color/B&W button

Scroll keys
Set button
Menu button
Exposure button
Image Quality button
Numeric keypad
Stop/Reset button
Start button
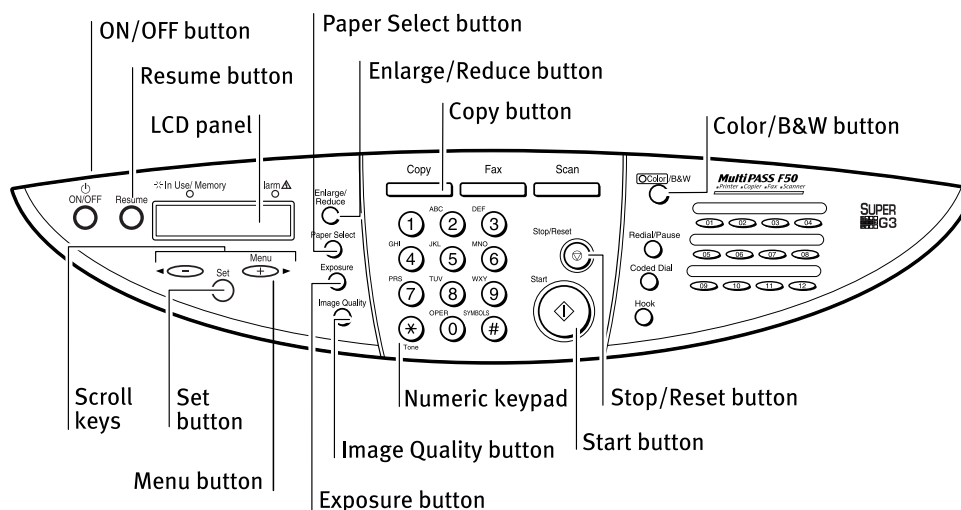
The F50 MFP provides high-quality black and white or color copies, and can make up to 99 copies at a time.

If copying more than one document, you can feed multiple pages through the automatic document feeder (ADF).

You can also adjust the scale and quality of the copied image.

Loading Documents

To ensure that the full area of the document is copied, verify that text and graphics are within the illustrated shaded area.
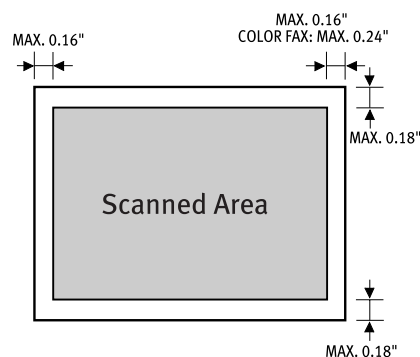
MAX. 0.16"
MAX. 0.16"
COLOR FAX: MAX. 0.24"
MAX. 0.18"

Scanned Area

MAX. 0.18"

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To load a document in the ADF:

- Lift the document cover to make sure there are no documents on the platen glass.

- Adjust the document guide tabs as needed.

- Insert the document(s) in the ADF tray as shown, facing up.

The F50 MFP will feed the top page first.

You can load up to 30 letter- or legal-size pages of 20 lb. paper in the ADF at one time.

If a paper jam occurs, see below.
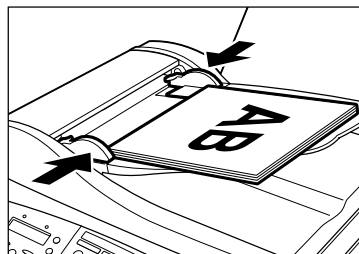
To load a document directly on the platen glass:

- Place the document on the platen glass, face down.

- Align the upper left corner of the document to be copied with corner shown.

- Place the top of the document flush to the guide plate.
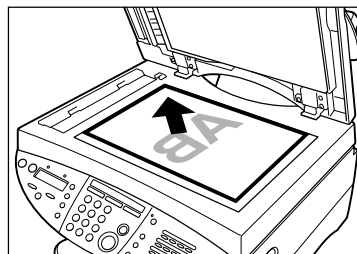
Clearing Paper Jams in the ADF

If documents are fed into the ADF (automatic document feeder) improperly, they can jam.

To remove a jam in the ADF:

1 STOP OPERATION

Press ⊚ to stop the operation.

2 REMOVE PAPER

If more than one document is loaded, remove all pages from the ADF except the jammed page.
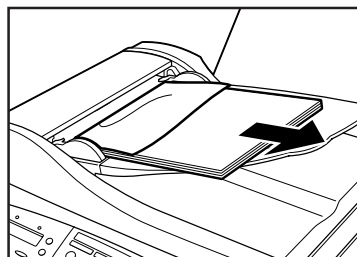
3 REMOVE JAMMED DOCUMENT

Open the ADF feeder cover.

Raise the paper release lever and slide the paper under the roller to the left.

Pull the jammed paper from the ADF.

Lower the paper release lever, then close the feeder cover.
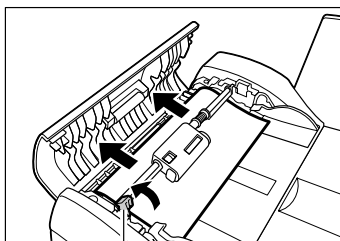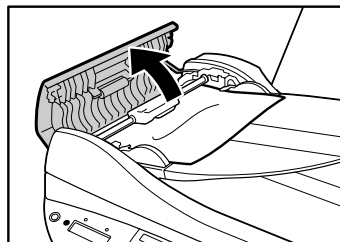
4 RESTART OPERATION

Press $\overset{\text{Resume}}{\text{O}}$ to start the operation again if you are printing from a Windows application.

PAPER RELEASE LEVER

How to Copy

To remove a jam from the paper output tray:

1 REMOVE PAPER

Gently pull any jammed paper out of the paper output.

2 RESTART OPERATION

Press $\overset{\text{Resume}}{\text{O}}$ to start the operation again.
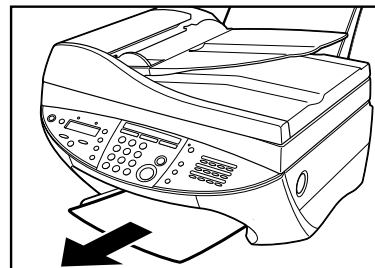
If you are printing from a Windows application, follow the instructions displayed by the software on your PC.

If you do not see jammed paper in the paper output, check the scanning unit for a jam.

To remove a jam from the scanning unit:

1 SHUT OFF POWER

Close any open error message dialogs on your PC.

Press the $\overset{\text{ON/OFF}}{\text{O}}$ button to turn the F50 MFP off.

2   OPEN THE SCANNING UNIT

Push the **Open** button to open the scanning unit.

3   REMOVE JAMMED PAPER

Gently pull the jammed paper from the center to remove.
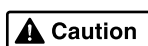
> ⚠ **Caution**   Be careful not to touch the components inside the F50 MFP.

When the paper is out, close the scanning unit, then turn the F50 MFP back on.

4   RESTART OPERATION

Press the ⏻ ON/OFF ○ button to turn the F50 MFP on.

Press ○ Resume to start the operation again.
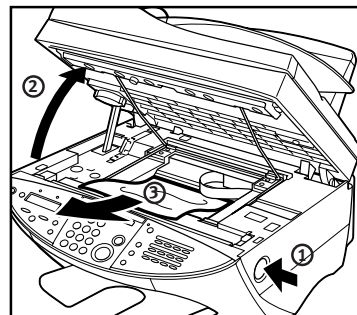
Tips on Clearing Paper Jams

If print media jams in the multi-purpose tray, the LCD displays a **CLEAR PAPER JAM** message.

If a jam occurs while a fax is being received into the F50 MFP's memory, press the **Resume** button after the jam is cleared and fax will print.

Making Copies

You can copy a document in B&W (the default) or color, and make single or multiple copies.

To copy a document:

1   LOAD DOCUMENT

Place document(s) to be copied either directly on the platen glass or into the ADF.

2   SET COPY MODE

Press ⬚ Copy to access **Copy Mode**.

Use the numeric keypad to set the number of copies needed.

To make a color copy, press ○ Color/B&W once. The color function indicator will light up.

3 START COPYING

Press [Start ⊕] to begin copying. The LCD panel will display number of copies remaining.

Reducing or Enlarging the Image Copied

You can reduce or enlarge the copy size within a range of 25% to 400% by using preset percentages for reducing or enlarging, or set the percentage ratios manually.

To enlarge or reduce using preset ratios:

1 LOAD DOCUMENT

Place document(s) to be copied either directly on the platen glass or into the ADF.

2 SELECT ENLARGE/REDUCE

Press [Copy ⊏⊐] to access **Copy Mode**.

Press [Enlarge/Reduce ○] once to access.

3 SET RATIO

Press ◄⊖ ⊕► [Menu] to scroll through copy ratios, and select from one of the following:

25%	minimum
78%	legal to letter size
95%	A4 to letter size
100%	same size
212%	4"x6" to letter size
400%	maximum

Press [Set ○] to select.

Tips on Copying

The LCD display shows the number of remaining pages during copying.

Stop/Reset [▽] The **Stop/Reset** button reverts settings to default.

Resume [○] When the multi-purpose tray is empty, the LCD displays **LOAD PAPER**. Load paper in the tray, then press **Resume**.

Stop/Reset [▽] If paper jams, press **Stop/Reset**.

Resume [○] Remove all documents from the ADF, then press **Resume**. The jammed document will eject.

Copying documents with graphics requires more memory. If you encounter difficulties, copy fewer pages at a time.

How to Copy

4 **START COPYING**

Press ⊕ (Start) to begin copying. The LCD panel will display number of copies remaining.

To set copy ratios manually:

1 **LOAD DOCUMENT**

Place document(s) to be copied either directly on the platen glass or into the ADF.

2 **SELECT ENLARGE/REDUCE**

Press ○ (Enlarge/Reduce) twice to access.

3 **SET RATIO**

Use the numeric keypad to enter a percentage, *or* press ◄ ⊂⊃ ⊂⊃► (Menu) to enter a percentage in 1% increments from 25% (minimum) to 400% (maximum).

Press ○ (Set) to select.

4 **START COPYING**

Press ⊕ (Start) to begin copying. The LCD panel will display number of copies remaining.

COPY MODE MENUS

Menu ⊂⊃►

1. SPECIAL COPY — Set ○ —
   - 1. IMAGE REPEAT
   - 2. MIRROR IMAGE
   - 3. ENTIRE IMAGE

2. RECEIVE MODE

3. MEMORY REFERENCE

4. REPORTS/LISTS

5. TEL REGISTRATION

6. FAX SETTINGS

7. PRINTER SETTINGS — Set ○ —
   - 1. CLEANING
   - 2. ALIGN PRINTHEAD
   - 3. BOTTOM MARGIN

8. SYSTEM SETTINGS — Set ○ —
   - 1. DISPLAY LANGUAGE
   - 2. AUDIBLE TONES
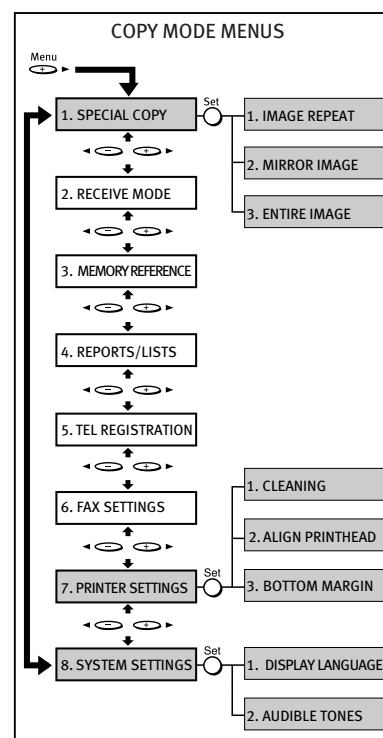
Shrinking an Image to Fit the Page

If the image to be copied is larger than the output paper, you can automatically reduce the image to fit the page on which it will be copied.

To fit an image on a page:

1 **LOAD DOCUMENT**

Place document(s) to be copied either directly on the platen glass or into the ADF.

2 SET COPY MODE

Press [Copy] to access **Copy Mode**.

To make a color copy, press [Color/B&W] once. The color function indicator will light up.

Set the number of copies needed using the numeric keypad.

3 SELECT ENTIRE IMAGE

Press [Menu] then [Set] to access Special Copy menu. Press [Menu] until

ENTIRE IMAGE displays, then press the [Set] button.

4 START COPYING

Press [Start] to begin copying. The LCD panel will display number of copies remaining.

Setting Paper Size and Type

If copying on paper other than letter-size plain paper, you can optimize results by setting the paper size and type from the F50 MFP control panel.

To change paper size and type:

1 LOAD DOCUMENT

Place document(s) to be copied either directly on the platen glass or into the ADF.

2 SET PAPER SIZE

Press [Copy] to access **Copy Mode**. Press [Paper Select] to access.

Press [Menu] to scroll through sizes. Select from **Letter, Legal** or **A4** sizes. Press [Set] to select a paper size and view paper type.

3 SET PAPER TYPE

Press [Menu] to scroll through paper types:

PLAIN   For plain paper (default)

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GLOSSY	For Glossy Photo Paper
H. RES.	For Canon High Resolution Paper
TRANS.	For Canon Transparency Paper
PHOTO	For Photo Paper Pro

Press ⟨Set⟩ to select, then press ⟨Start⟩ to begin copying.

Adjusting Image Quality

Low image quality may cause text and graphics to have a jagged appearance, while a higher image quality provides smoother curves and lines, and crisp text and graphics.

The F50 MFP has image quality settings. Select the setting that most closely matches your needs.

To adjust the image quality:

1   LOAD DOCUMENT

Place document(s) to be copied either directly on the platen glass or into the ADF.

2   SELECT IMAGE QUALITY

Press ⟨Copy⟩ to access **Copy Mode**. Press ⟨Image Quality⟩ to access.

3   SELECT COLOR OR B&W

The F50 MFP will make a black and white copy unless you specify otherwise. To make a color copy, press the ⟨Color/B&W⟩ button.

4   SELECT QUALITY TYPE

Press ◄⟨⟩ ⟨Menu⟩► to scroll through quality types.

For black & white, select from:

| **B&W TEXT** | For text-only documents |
| **B&W PHOTO** | For photographic documents (photos are copied with 64 levels of gray) |

B&W DRAFT	For high-speed copying at lower image quality

For color, select from:

COLOR NORMAL	For normal color copying
COLOR FINE	For higher quality color copying
COLOR FAST	For high-speed copying with lower quality

Press ⭕ (Set) to select, then press ◈ (Start) to begin copying

> 📖 **Note** When using COLOR FAST, if the color of the output is different than expected, please select COLOR NORMAL or COLOR FINE and copy again.

Adjusting Image Exposure

Exposure controls the lightness or darkness of the copied document. If a document copies too light or too dark, you can adjust the exposure settings.

There are nine different levels of exposure to help you adjust your document.

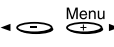### *To adjust the copy exposure:*

1 LOAD DOCUMENT

Place document(s) to be copied either directly on the platen glass or into the ADF.

2 SELECT EXPOSURE

Press ▭ (Copy) to access **Copy Mode**. Press ⭕ (Exposure) to access.

3 SET EXPOSURE LEVEL

Press ◄⊜ once or more to lighten the copy. Press ⊜► (Menu) once or more to darken the copy.

Press ⭕ (Set) to set your selection.

This setting will remain for one minute unless ⊘ (Stop/Reset) is pressed.

Press ◈ (Start) to begin copying.

How to Copy

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Other Copy Features

The F50 MFP has other copy features available, including:

Repeating an image on a page: allows you to tile an image multiple times on a single page.

Create a mirror image: copies a document in reverse (mirror) image.

For more information on these features, see the online *MultiPASS Reference Guide* on your CD-ROM.

7

How to Scan

An image scanned with your F50 MFP can be saved, sent as a fax or email attachment, printed or edited in an application such as OmniPage®.

There are two basic ways to obtain a scanned image:

From within an application

Open an application that supports scanning, then open the scanning software and perform the scan. The scanned image will automatically be brought into the application.

With the MultiPASS Suite

Scan a document directly with the MultiPASS Suite (see "How to Use the MultiPASS Toolbar" on page 5).

To scan a document and print without saving, see "How to Copy" on page 49.

Scanning From the Automatic Document Feeder or Platen Glass

The F50 MFP is factory set to scan from the Automatic Document Feeder. To scan from the platen glass, change the scan source in the MultiPASS Toolbar Settings.

To scan from platen glass:

• Click the **Setting** icon on the MultiPASS Toolbar.

• Select **Toolbar Settings** tab.

• Under **Image source**, click the **Scan from** drop-down menu and select **Platen**.

To scan again from the ADF, select **Document Feeder** under the **Scan from** drop-down menu.

How to Scan

Scanning From Within an Application

Most image processing applications use the TWAIN driver standard for scanning. Much in the same way your printer driver allows your PC to communicate with your printer, a TWAIN driver makes it possible to send a scanned document from a scanner to your application.

When your F50 MFP is connected to your PC and the software is loaded, you can scan a document from the F50 MFP in most image processing applications.

This is usually done from the **File** menu, using either an **Import** or **Acquire** menu option. Refer to the documentation for your image processing application, if needed, for the exact procedure to access the scanner from within the application.

To scan from an application:

1 LOAD DOCUMENT

To load a document in the ADF:

- Lift the document cover to make sure there are no documents on the glass.

- Insert the document(s) in the ADF tray as shown, facing up.

- Adjust the document guide tabs as needed.
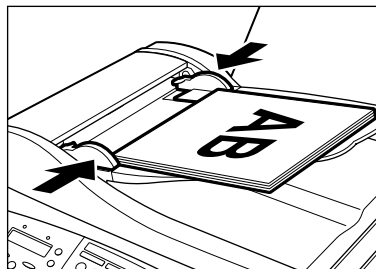
The F50 MFP will feed the top page first.

You can load up to 30 letter- or legal-size pages of 20 lb. paper in the ADF at one time.

If a paper jam occurs, See "Clearing Paper Jams in the ADF" on page 50.

To load document on platen glass:

- Place document face down on the platen glass.
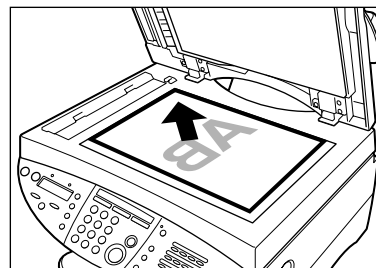
2 ACQUIRE IMAGE

From your image processing application, select **Canon MultiPASS F50 Scanner** as the TWAIN SOURCE if not already selected. Access the scanner software to acquire the image.

Using ScanGear® Software

You can also adjust these settings in, and scan directly from, the MultiPASS Toolbar's ScanGear driver.

To enable ScanGear Software:

Click the **Settings** icon on the toolbar, then click the **Toolbar Settings** tab.

Under **General,** check the box for **Show ScanGear before scanning**.

The ScanGear dialog box will open whenever you scan from the MultiPASS Toolbar.
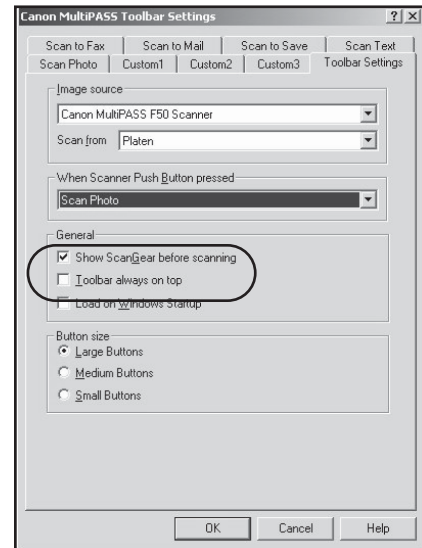
Using the Scan Button for One-Push Functions

You can set the ^{Scan} button on the F50 MFP's control panel to instantly perform any of the Toolbar's functions.

To enable a particular function for the Scan button:

1   ACCESS TOOLBAR SETTINGS

Click **Settings** on the MultiPASS Toolbar, then click the **Toolbar Settings** tab.

2   ACTIVATE SCANNER PUSH BUTTON DIALOG

Click the drop-down list under **When Scanner Push Button pressed**.

Select from this list the function you would like to assign to the Scan button on the control panel.

You can also select this setting by right-clicking the MultiPASS Toolbar icon on the taskbar, then selecting from the list under **When Scanner Push Button pressed.**

How to Scan

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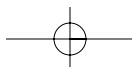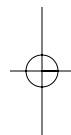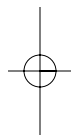
How to Maintain Your F50 MFP

Routine maintenance for your F50 MFP includes keeping your unit clean, changing the ink tanks as needed and maintaining the printhead.

Cleaning Your F50 MFP

Clean your F50 MFP periodically with a soft, dry, lint-free cloth to maintain image quality, and to keep the unit free of dust and debris.

Replacing Ink Tanks

When ink runs out in an ink tank, an **INK EMPTY** message will appear in the LCD panel. The message will also specify which tank is empty: **C** for cyan, **M** for magenta, **Y** for yellow or **K** for black.

To replace an empty ink tank:

1 **OPEN UNIT**

Press the **Open** button to open the scanning unit. The printhead holder automatically moves to the center.
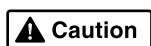
⚠ **Caution**   Do not force the printhead holder or damage could result!
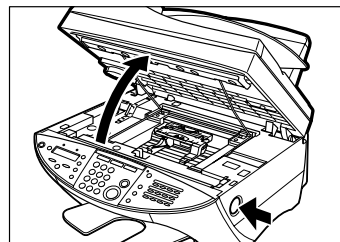
2 **REMOVE EMPTY INK TANK**

Press the tab on the front of the empty tank, then remove and discard.

3 **PREPARE NEW INK TANK**

Take the new ink tank from its package and remove the protective wrap and cap.

How to Maintain Your F50 MFP

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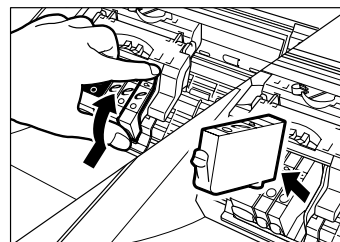
> 📖 **Note** | Handle ink tanks carefully so that ink does not spill. Never squeeze the sides of an ink tank.

4 INSTALL NEW INK TANK

Gently insert the ink tank and press down until it clicks into place. *Do not force an ink tank into the printhead. If the ink tank does not go in smoothly, reseat it, then try again.*

Press the scanning unit closed until it clicks securely into place.

Maintaining the Printhead

Routine printhead maintenance can extend the life of your F50 MFP printhead.

Printing a Nozzle Check Pattern

The printhead discharges ink through nozzles—tiny openings from which the ink is sprayed. If faded or streaked colors and text appear on your output, some of the nozzles may be clogged. You can check this by printing a nozzle check pattern.

Ensure that paper is loaded in the F50 MFP before performing a nozzle check.

To print a nozzle check pattern from the F50 MFP control panel:

1 SELECT PRINTER SETTINGS

Press Menu ▭▸ until **PRINTER SETTINGS** appears. Press Set ◯ to select.

2 PRINT NOZZLE CHECK PATTERN

The **CLEANING** option displays. Press Set ◯ to select.

The **NOZZLE CHECK** option displays. Press Set ◯ to select.
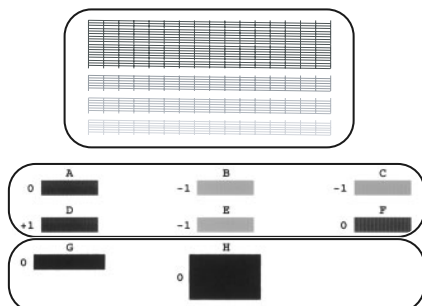
If the pattern is broken, missing, or a specific color is not printed, clean the printhead. See "Cleaning the Printhead" below.

If patterns are not uniformly solid, align the printhead. See "Aligning the Printhead" on the next page.

Cleaning the Printhead

If the printed nozzle check pattern is broken, missing, or a specific color is not printed, the printhead needs to be cleaned. Perform normal printhead cleaning first, then perform a deep printhead cleaning only if normal cleaning does not provide the desired result.

Cleaning the printhead consumes ink. Cleaning too often uses ink unnecessarily.

To perform a normal printhead cleaning from the control panel:

1 SELECT PRINTER SETTINGS

Press ⊕► until **PRINTER SETTINGS** appears, then press ○ (Set) twice.

2 SELECT HEAD CLEANING

Press ◄⊖ ⊕► to scroll to **HEAD CLEANING**, then press ○ (Set) once to begin the cleaning process.

Wait until the process is complete.

3 VIEW NOZZLE CHECK PATTERN

Print another nozzle check pattern. If the pattern is broken, missing, or a specific color is not printed, perform a deep printhead cleaning.

How to Maintain Your F50 MFP

Aligning the Printhead

When you install a new printhead or replace an old printhead, you will need to align the position of the printhead before printing.

Several sheets of paper are required to align the printhead. Ensure that a stack of paper is loaded in the F50 MFP before performing alignment.

To align a new printhead:

1   PRINT VERTICAL LINE PATTERN

When a new printhead has been installed, **ALIGN PRINTHEAD / PRESS SET KEY** will display on the LCD panel.

Press ⭕ (Set) once. The F50 MFP will print the vertical line pattern, and the LCD message will change to:

```
┌─────────────────────────┐
│   CHANGE  V  VALUE      │
│         A       0       │
└─────────────────────────┘
```

Column A   Value for column
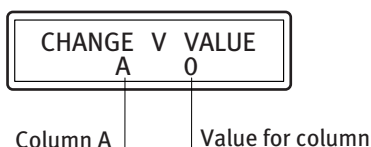
2   ENTER VALUE FOR FIRST VERTICAL COLUMN

Review the vertical pattern printout, noting which box in **Column A** prints with the most solid image.

For the A column printed pattern, use the ◄⊙ ⊙► (Menu) keys to scroll to the value for the most solid box in the column.

📖 **Note**   If you have difficulty on **Column A** when choosing between two patterns, use the larger value number.

Press ⭕ (Set) to select.

BAD
C
+7   LEAST SOLID BOX

GOOD
0   MOST SOLID BOX
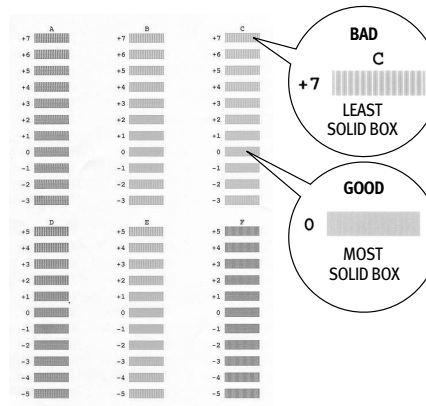
3   ENTER VALUE FOR REMAINING VERTICAL COLUMNS

CHANGE V VALUE will appear again, this time for **Column B**:
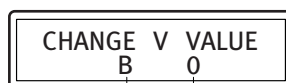
```
┌─────────────────────────┐
│   CHANGE  V  VALUE       │
│        B       0         │
└─────────────────────────┘
```
Column B ┘   └ Value for column

Repeat Step 2 for patterns B through F on the printout.

📖 **Note** If you have difficulty on **Columns B** or **C** when choosing between two patterns, use the larger value number.

If you have difficulty when choosing between patterns for **Columns D**, **E** or **F**, use the smaller value number.

4   ENTER VALUE FOR REMAINING VERTICAL COLUMNS

When values for all vertical columns on the printout have been entered, the LCD will display **LAT LINE PATTERN,** and a lateral (horizontal) pattern will print.

Once the pattern has printed, the LCD message will change to:

```
┌─────────────────────────┐
│   CHANGE  V  VALUE       │
│        G       0         │
└─────────────────────────┘
```
Column G ┘   └ Value for column

Review the lateral pattern printout, noting which solid box in **Column G** on the printout has the most solid image.

For the G column printed pattern, use the ◄ 👁 Menu 👁 ► keys to scroll to the value for the most solid box in the column.

📖 **Note** If you have difficulty on **Column G** when choosing between two patterns, use the smaller value number.

Press ⭕ Set to select.

Repeat this step for **Column H** on the printout.

When printhead alignment is complete, the F50 MFP will return to standby mode.

How to Maintain Your F50 MFP
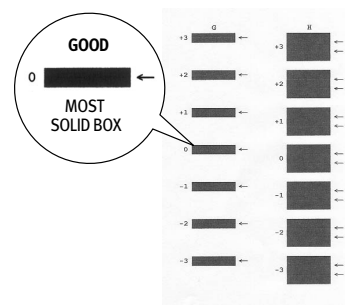
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Troubleshooting

Tips for Troubleshooting

Troubleshooting usually falls into one of the following categories:

Software and Installation
The software will not install properly.

Faxing
The fax feature is not working as expected.

Printing
The printing feature is not working properly.

Scanning
The scan feature is not working as expected.

Copying
Copies are not coming out as expected.

Paper Feeding
Paper is not feeding through the unit properly.

LCD Message
An error message displays on the F50 MFP LCD panel.

If you encounter difficulties during installation or operation, scan the problems or messages in the left column until you find a description that approximates your difficulty. Go through the related solutions until you find one that works.

Canon Customer Care Center
Canon also offers a full range of customer technical support options.

Troubleshooting Software and Installation

PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot install MultiPASS Suite	Other applications running in background	Close any open software applications, including anti-virus programs, then install the software again.
	Installation not starting automatically when CD is inserted into the drive	If installation did not start automatically when you inserted the CD-ROM: 1. Double-click **My Computer** on the Windows desktop, then double-click **CD-ROM drive**. 2. Double-click **csplash.exe**.
	Previous MultiPASS software version installed	Always uninstall the previous version of the software prior to installing a new version. Close all MultiPASS programs, including the Toolbar. Remove the MultiPASS software using the Windows **Add/Remove Programs** utility, or using the Canon MultiPASS uninstall program as described in the online *MultiPASS Suite* on your CD-ROM.
Unable to communicate with device	Loose printer cable port	Verify that the cable is securely connected to both your PC and the correct printer.
	MultiPASS Status Monitor not running	To print to the F50 MFP, the MultiPASS Status Monitor must be running. Launch the Status Monitor from the MultiPASS Program menu. See "To open the Status Monitor" on page 10.
Error message: The Canon MultiPASS hardware could not be initialized	F50 MFP is not on	Ensure that the power cord is connected to the F50 MFP and plugged into a working outlet. Press the **ON/OFF** button to turn the unit on.
	Printer cable is loose or disconnected	Ensure that the cable connection (USB or parallel) is secure on both the F50 MFP and the PC.
	Another port device is interfering with the Canon MultiPASS port drivers	The Canon MultiPASS hardware and software is not compatible with parallel port data "pass through" devices. If you are using a "data pass through" device, you must unplug it and connect the MultiPASS directly to the parallel port on your PC.
	Another driver is interfering with the Canon MultiPASS port drivers	There is another program that uses the parallel port to which the MultiPASS printer is connected. Try changing your other printers to a port other than the port used by your F50 MFP. If this does not correct the problem, the interfering printer driver may need to be disabled or uninstalled.

PROBLEM	POSSIBLE CAUSE	TRY THIS
Error message: The Canon MultiPASS hardware could not be initialized *(continued)*	Parallel cable used does not meet product specification	Check that your parallel cable is an IEEE 1284 bi-directional cable. A six-foot cable is ideal.
	F50 MFP is not ready prior to launching the MultiPASS Status Monitor	Try starting the Status Monitor after the F50 MFP has been powered on. See "To open the Status Monitor" on page 10.
	F50 MFP is using a port that is malfunctioning, or is attempting to use a port that does not exist	Change the port to a functioning port through the MultiPASS Properties window: 1. Click **Start**, then **Settings**, then **Printers**. 2. Right-click the **MultiPASS printer** icon, then select **Properties**.

Troubleshooting Faxing

PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot send a fax	Phone line not connected or working properly	Make sure all line connections are secure.
	Other documents transmitting from F50 MFP memory	Allow time for the documents to finish sending, then try again.
	Wrong number	Dial the number again, or check that you have the correct number.
	A color fax has been sent to a B&W fax machine	If a color fax has been sent to a B&W machine, the document will not be sent and the LCD will display TRY AGAIN IN B&W. Send again in black & white. Alternatively, you can enable the COLOR DIRECT TX setting to allow you to send color documents to any fax machine. To enable COLOR DIRECT TX, see LCD error message TRY AGAIN IN B&W on page 81.
	Document not loaded correctly	Remove the document. Fan the edges of the sheets to remove static, then tap the edges of the stack against a flat surface so the stack is aligned.
	Receiving party's fax machine out of paper	Call the receiving party to verify that paper is loaded in the receiving fax machine.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot send a fax *(continued)*	Error occurred during sending	Print an ACTIVITY REPORT and check for an error. See "Printing Reports on Demand" on page 18.
	No dial tone	Press the **Hook** button or lift the handset on the phone connected to the F50 MFP to hear a dial tone. If no dial tone is present, disconnect the F50 MFP from the jack on the wall. Check the wall jack with a working phone. If no dial tone is detected, contact your phone company. If a dial tone is heard, plug the F50 MFP into a different wall jack. If you still do not hear a dial tone, contact the Customer Care Center.
	Line type set incorrectly	The F50 MFP is set to Touch Tone dialing. If your phone line uses rotary dialing, change the setting. See the online *MultiPASS User's Guide* on your CD-ROM.
	The receiving fax machine may not be a G3 fax machine	Make sure the receiving fax machine is compatible with G3 fax machines.
	Speed dial programmed incorrectly	Check that One-Touch or Coded Speed Dial is programmed correctly. You can print a One-Touch or Coded Speed Dial List to confirm that the number was correctly entered. **NOTE:** Ensure that the number is programmed exactly as it would be dialed manually.
Cannot receive a fax automatically	Phone line not connected properly	Make sure all phone line connections are secure.
	Error occurred during reception	Check the LCD for an error message. You can also print an ACTIVITY REPORT and check for an error. See "Setting up and Printing Reports" on page 25.
	F50 MFP not set to receive automatically	For the F50 MFP to receive faxes automatically, the receive mode must be set to FAX ONLY MODE, FAX/TEL AUTO SW, ANS. MACHINE MODE, or DRPD. See "Faxing Automatically" on page 25.
	Memory is full	Print out any documents stored in the memory. See "Printing and Deleting Documents in Memory" on page 32.
	MultiPASS Toolbar received the fax	Check the MultiPASS Toolbar for received faxes. See "Using the MultiPASS Toolbar" starting on page 5.
	Multi-purpose tray empty	Make sure paper is loaded in the multi-purpose tray. See "Loading Paper" on page 3.
	Hardware error	Check the LCD display for a message, then take the appropriate action to correct the error and clear the message. Press **Resume** to continue.

PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot receive a fax automatically *(continued)*	No dial tone	See "Cannot receive a fax" on page 72, in the Troubleshooting faxing section.
	Calling tone (CNG) not sent	In FAX/TEL or ANS MODE, the F50 MFP will switch to receive mode when it detects CNG tones. If transmission did not include CNG tone, you will have to receive the fax manually. Press the **Hook** button or lift the handset of the phone connected to the F50 MFP and press **Start**.
	Too many rings	In FAXONLY or FAX/TEL receive modes, confirm the F50 MFP ring count is set to 2 rings or less. In ANS. MODE, confirm that the answering machine is set to 2 rings or less, with an outgoing message recorded at 12 seconds or less.
F50 MFP answers all calls	F50 MFP set to manual mode	See "Setting up the Fax Receive Mode" on page 14.
In Use/Memory flashes	F50 MFP in use or memory is full	Wait for the F50 MFP to finish, then try again, and/or delete unnecessary documents from the memory.
	Line cord connected incorrectly	Confirm that your phone line is correctly connected to the L jack on the F50 MFP. If you are using a phone or answering machine, connect it to the jack marked by a telephone icon.
Faxes sent are dirty or spotted	Scanner components are dirty	Check the F50 MFP by making a copy. If the copy is clear, the problem may originate from sender's fax machine. If the copy is spotted or dirty, clean the scanner components.
Cannot receive a fax manually	Call was disconnected	You may have disconnected the call by pressing **Start** and hanging up before the sender could send the fax.
Facsimile print quality is poor	Sending fax not functioning properly	The sending fax machine usually determines the fax's quality. Call the sender to resolve the problem.
	Other print problems	See the solutions in the "Troubleshooting Printing" section on page 74.
F50 MFP does not switch automatically between the phone and fax reception	F50 MFP not set to switch automatically between phone and fax reception	For the F50 MFP to switch automatically, the receive mode must be set to FAX/TEL AUTO SW, ANS. MACHINE MODE, or DRPD. If you have set ANS. MACHINE MODE, confirm that an answering machine is connected to the F50 MFP and that it is turned on with an outgoing message properly recorded. See "Setting Fax Receive Mode" on page 14.
	Error has occurred during reception	Check the LCD for an error message, or print an ACTIVITY REPORT to check for an error. See "Setting up and Printing Reports" on page 16.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	TRY THIS
F50 MFP does not switch automatically between the phone and fax reception *(continued)*	Sending fax machine is not capable of sending a "send" signal	Receive the fax manually. See "Sending and Receiving a Fax Manually" on page 22.
	Paper not loaded	Make sure paper is loaded in the multi-purpose tray.
Cannot send/ receive using ECM	Receiving party's fax machine does not support ECM	If the receiving party's fax machine does not support error correction mode (ECM), then the document is sent in normal mode without error checking.
	ECM disabled	1. Press **Menu**, then scroll to **FAX SETTINGS.** Press **Set** to select. 2. Press **‹+›** until **RX SETTINGS** appears, then press **Set. ECM RX** is selected. Press **Set**. 3. **Press** ‹+› to set **ECM** to **ON**. Press **Set** to select. **NOTE:** ECM transmissions/receptions may take longer than normal. If taking too long, repeat procedure to turn ECM off.

Troubleshooting Printing

PROBLEM	POSSIBLE CAUSE	TRY THIS
Alarm light comes on and F50 MFP beeps while printing	Paper is jammed	Clear the paper jam. If there is no paper jam, turn off and unplug the F50 MFP, wait five seconds, then plug it in and turn it on again. If the problem is resolved, the Alarm light will turn off, the printhead holder will move to its home position on the right, and the LCD will return to standby mode. If the alarm light remains lit, contact the Canon Customer Care Center.
Printhead moves, but one or more colors do not print	Printhead or ink tanks installed improperly	Verify that the printhead and ink tanks are installed properly. Ensure that the protective plastic covers and tapes are removed before installing.
	Printhead nozzles clogged	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 64). If needed, clean the printhead (see "Cleaning the Printhead" on page 65).
	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.
Printed output is not what you expected	Incorrect printer cable used	Verify that you are using the correct printer cable.

PROBLEM	POSSIBLE CAUSE	TRY THIS
Printed output is not what you expected *(continued)*	Printer cable too long	Make sure the cable used does not exceed the recommended length (16.4 feet for USB; 6.6 feet for parallel).
Printout does not match paper size	Paper not correctly loaded and aligned	Make sure the paper is loaded and aligned correctly in the multi-purpose tray, and that the paper guides are adjusted correctly. See "Loading Paper" on page 3.
Printout curls	Page contains large amount of ink	Leave the sheet in the output tray for 30 to 60 seconds to allow the ink to dry. Remove the sheet carefully without touching the printed surface.
	Paper you are using is too thin	Printing dense graphics on light paper stock may cause the paper to curl. Try using heavier stock.
No printout	Printer cable not securely connected	Check the printer cable connection on both the F50 MFP and your computer.
	Incorrect parallel cable type	Ensure that you are using an IEEE 1284 bi-directional parallel cable.
	Power cord not plugged in securely	Check that the power cord is plugged securely into the F50 MFP and into the wall outlet. If the F50 MFP is plugged into a power strip, make sure the power strip is plugged in and turned on.
	Printhead not installed properly	Re-install the printhead.
	One or more ink tanks are empty	See "Replacing Ink Tanks" on page 6.
Printed text or images are skewed	Paper not loaded correctly	Make sure the paper is loaded properly in the multi-purpose tray, and that the paper guide is adjusted correctly. See "Loading Paper" on page 6. Make sure the paper exit path is clear.
Printing suspended after each line	Printhead is too hot	When the printhead has become too hot, the F50 MFP slows its printing to protect the printhead. Stop printing and wait several minutes for the printhead to cool, then resume printing.
Printing is slow	Incorrect printer driver settings	Altering driver settings may improve print speed. See "Improving Printed Images" on page 41.
	Parallel port may not be configured for optimum speed	Change the parallel port on your computer to ECP (Extended Capabilities Port) to increase scanning speed and throughput. For details on ECP, refer to your computer s user documentation or contact technical support for your computer.

Troubleshooting

F50 MFP User's Manual

PROBLEM	POSSIBLE CAUSE	TRY THIS
Error: writing to LPT1	F50 MFP not connected	Check the printer cables and ensure they are securely connected. Then try printing again.
	F50 MFP is unplugged	Plug in the F50 MFP and try printing again.
	Paper jam	Clear any paper jams. See "Clearing Paper Jams" on page 50.
	MultiPASS Status Monitor not running	To print to the F50 MFP, the MultiPASS Status Monitor must be running. Launch the Status Monitor from the MultiPASS Program menu. See "The MultiPASS Status Monitor" on page 10.
	Hardware error	Check the LCD display for a message, then take the appropriate action to correct the error and clear the message. Press **Resume** to continue.
Print quality is poor	Incorrect driver setting	Ensure that the printer driver is configured correctly for the paper being used. See "Improving Printed Images" starting on page 41 for more information.
	Media not supported by F50 MFP	Make sure that the paper used is recommended for this equipment.
	Printing on wrong side of paper	Some papers have a specific side for printing. If print quality is not as clear as expected, try turning the paper over and printing on the other side.
	Printhead nozzles clogged	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 64). If needed, clean the printhead (see "Cleaning the Printhead" on page 65).
	Printhead or ink tanks installed improperly	Verify that the printhead and ink tanks are installed properly. Ensure that the protective plastic covers and tapes are removed before installing.
	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.
	Printhead alignment needed	If you did not align the printhead after installing a new printhead, this can affect the quality. See "Aligning the Printhead" on page 66.
Printout image is smeared	Paper thickness lever not set correctly	When printing pages that contain large quantities of ink, the paper may curl and rub. Try setting the paper thickness to the right to compensate.
Color balance is poor	Printer settings need to be adjusted	Printer settings may not be ideal for the images you are trying to print. Experiment with different settings and paper types. See "Improving Printed Images" starting on page 41.

PROBLEM	POSSIBLE CAUSE	TRY THIS
Hue changes	Printhead nozzles clogged	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 64). If needed, clean the printhead (see "Cleaning the Printhead" on page 65).
	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.

Troubleshooting Scanning

PROBLEM	POSSIBLE CAUSE	TRY THIS
Difficulty scanning image with TWAIN-compliant application	TWAIN-compliant application installed after MultiPASS Suite software	If you installed the TWAIN-compliant Windows application after installing the MultiPASS Suite, there may be a problem with the TWAIN system files that were overwritten. Reinstall the MultiPASS Suite software.
Scanning an image is very slow	Parallel port connection needs to be changed	Change the parallel port on your PC to ECP (Extended Capabilities Port) to increase scanning speed and throughput. For details on ECP, refer to your PC user documentation or contact technical support for your PC.

Troubleshooting Copying

PROBLEM	POSSIBLE CAUSE	TRY THIS
F50 MFP will not make a copy	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.
	Document not loaded correctly	Remove the document, stack it if necessary, and place it on the platen glass or load it into the ADF correctly. (See "Loading Documents" on page 49.) Ensure that the feeder cover is closed securely.
	Printhead or ink tanks installed improperly	Verify that the printhead and ink tanks are installed properly. Ensure that the protective plastic covers and tapes are removed before installing.
	F50 MFP not operating properly	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 64). If needed, clean the printhead (see "Cleaning the Printhead" on page 65).

Troubleshooting

PROBLEM	POSSIBLE CAUSE	TRY THIS
MEMORY FULL appears in LCD when making multiple copies	Document contains too many graphics	If multiple pages are being copied, separate the pages into smaller stacks. If copying a single document, make copies one at a time.
	F50 MFP memory is full	Print or delete any documents stored in memory to free up space, then start again. See "Printing and Deleting Documents in Memory" on page 32.

Troubleshooting Paper Feeding

PROBLEM	POSSIBLE CAUSE	TRY THIS
Paper does not feed correctly	Multi-purpose tray contains too many sheets	Make sure the paper stack in the multi-purpose tray does not exceed the paper limit mark. See "How to Load Paper and Envelopes" starting on page 3.
	Paper not loaded correctly	Make sure that paper is loaded correctly in the multi-purpose tray, and paper guides adjusted properly. See "How to Load Paper and Envelopes" on page 3.
Paper is skewed (printing is skewed)	Paper not loaded correctly.	Make sure that paper is loaded correctly in the multi-purpose tray, and paper guides adjusted properly. See "How to Load Paper and Envelopes" on page 3.
Multiple sheets feed at same time	Paper not loaded correctly	Make sure that paper is loaded correctly in the multi-purpose tray, and that the paper guide is adjusted properly. See "How to Load Paper and Envelopes" starting on page 3.
	Sheets of paper sticking together	Fan the paper stack before loading it in the multi-purpose tray. This keeps the sheets of paper from sticking together.
	Too many sheets in multi-purpose tray	Make sure loaded paper does not exceed the paper limit mark. See "How to Load Paper and Envelopes" on page 3. Do not force paper into the multi-purpose tray.
	Different paper types mixed together	Load only one type of paper at a time. Use only recommended paper types (see inside back cover for full listing of recommended media).
Transparencies do not feed correctly	Transparencies not loaded correctly	Do not load more than 30 transparencies in the multi-purpose tray. See "How to Load Paper and Envelopes" on page 3.
Repeated paper jams	Paper used is not recommended paper	Use only recommended paper types (see inside back cover for full listing of recommended media).

PROBLEM	POSSIBLE CAUSE	TRY THIS
Envelopes do not feed correctly	Envelopes not loaded correctly	Make sure the envelopes are loaded properly. Do not load more than 10 envelopes at a time. See "How to Load Paper and Envelopes" on page 3. If needed, clean the rollers.
	Unsupported envelope type	Envelopes must be U.S. commercial #10 or European DL envelopes.

LCD Messages

MESSAGE	POSSIBLE CAUSE	TRY THIS
AUTO REDIAL	Line was busy or did not pick up	Wait for the F50 MFP to automatically redial the number. To cancel automatic redialing, wait until the F50 MFP starts to redial, then press **Stop/Reset** and *****.
BUSY/NO SIGNAL	Number dialed was busy	Try sending the document at a later time.
	Number dialed was not a fax number	Verify the fax number, then try again.
	Receiving fax machine not working	Contact the receiving party and request that they verify their fax machine is on, connected and has paper, ink and/or toner.
	Incorrect touch tone/rotary pulse setting	Set your F50 MFP to the setting (touch tone or rotary) that matches your phone line. See "Switching from Touch Tone to Rotary Dialing" on page 14.
	No response from receiving fax	Contact the receiving party to verify the receiving fax machine is on, connected, and has paper, ink and/or toner. You can also try sending the fax manually. For an overseas call, add pauses to the number. See "Sending Faxes" on page 22.
C INK EMPTY	Cyan ink tank is empty	Replace the ink tank. See "Replacing Ink Tanks" on page 63.
CARTRIDGE JAMMED	Printhead cannot move	This problem is usually due to a paper jam. Clear the paper jam or obstruction (see "Clearing Paper Jams" on page 50), then press **Resume**. Do not attempt to move the printhead manually.
CHECK PAPER SIZE	PAPER SIZE setting different than loaded paper	Load the correct paper size or change the **PAPER SIZE** setting. See "Changing Page Setup" on page 45.

Troubleshooting

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MESSAGE	POSSIBLE CAUSE	TRY THIS
CHECK PRINTER	Printhead not moving	Check for any obstruction (paper clip or other small object). Also check for a paper jam and clear the jam if necessary. Then press **Resume** and start again.
	Waste tank is full	The F50 MFP has a built-in waste ink tank to hold the ink consumed during printhead cleaning. Contact the Canon Customer Care Center to have the waste ink tank replaced.
	Printhead is defective	Check the printhead for signs of damage. If the printhead needs to be replaced contact the Canon Customer Care Center.
CLEAR ADF	Paper jammed in the ADF	Remove the document you are trying to copy or send, then try again.
COVER OPEN	Scanning unit was opened during operation	Close the scanning unit.
DOC. TOO LONG	Document is too long	The document you are trying to fax is longer than 39.4 inches. Reduce the length of the document so that it is shorter than 39.4 inches, then resend it.
ECM RX	Receiving in ECM	ECM (error correction mode) transmissions/receptions may take longer than normal. If a fax is taking too long, you can turn ECM off:
ECM TX	Sending in ECM	1. Press **Menu**, then scroll to **FAX SETTINGS**. Press **Set** to select. 2. Press ‹+-› until **RX SETTINGS** appears, then press **Set**. **ECM RX** is selected. Press **Set**. 3. Press ‹+-› to set **ECM** to **ON**. Press **Set** to select.
INK EMPTY	Black ink tank is empty.	Replace the ink tank. See "Replacing Ink Tanks" on page 63.
LOAD PAPER PRESS RESUME KEY	No paper loaded	Load paper in the multi-purpose tray. Make sure the stack is below the paper limit mark. Press **Resume** to continue printing.
M INK EMPTY	Magenta tank is empty.	Replace the ink tank. See "Replacing Ink Tanks" on page 63.
MEMORY FULL (#037)	Too many documents in memory	Delete any documents stored in memory. See "Printing and Deleting Documents in Memory" on page 32.
	Document too large for memory capacity	Divide the document and send or copy each part separately. To free up more memory, print or delete any documents stored in memory that are no longer needed. See "Printing and Deleting Documents in Memory" on page 32.

MESSAGE	POSSIBLE CAUSE	TRY THIS
MEMORY USED-- nn%	Shows percentage of memory used	If you need more memory, wait for the machine to finish sending current faxes. Also, print or delete any documents in memory that you no longer need. See "Printing and Deleting Documents in Memory" on page 32.
NO RX PAPER (#012)	Recipients fax out of paper or memory is full	Contact the receiving party and have them load paper in their fax machine or free up space in their fax memory.
NO TEL # (#22)	No phone number	Use regular dialing, or use a one-touch speed dial button or coded speed dial code. See "One-Touch Speed Dialing" on page 25, or "Coded Speed Dialing" on page 27.
NOT AVAILABLE	A group speed-dialing number was manually entered	Use regular dialing, or enter a one-touch speed dialing button or coded speed dialing code that only has one number assigned to it.
PUT IN CARTRIDGE	Printhead not installed	Install the printhead.
REC D IN MEMORY	Fax received and stored in memory	A received fax is stored in memory when the F50 MFP is busy with other tasks, or the F50 MFP could not print due to an error such as no paper or ink. If the F50 MFP was busy, the fax prints when other tasks are finished. If necessary, clear the paper jam, load paper in the multi-purpose tray or replace the empty ink tank.
RECEIVED IN FILE	Fax received in memory	Upload the document to your PC, or print the document. See "Printing and Deleting Documents in Memory" on page 32.
	MultiPASS Status Monitor is not running	**Windows 95/98/Me**: Start the MultiPASS Status Monitor. On the Windows desktop, click **Start**, then **Programs**. In the **Programs** menu, click on **MultiPASS Suite**, then **MultiPASS Status Monitor**.
TRY AGAIN IN B&W (#085)	Color fax was sent to B&W machine	Try sending again in B&W. If you send a color document to a fax machine that does not support color faxing, the document will not be sent and the LCD will display TRY AGAIN IN B&W. Send the fax again in black & white. Alternatively, you can enable the COLOR DIRECT TX setting that allows you to send color documents to any fax machine. To enable COLOR DIRECT TX: 1. Press **Menu**, then **‹+ ›** until **FAX SETTINGS** appears. Press **Set**. 2. Press **‹+ ›** until **TX SETTINGS** appears. Press **Set**. 3. Press **‹+ ›** until **COLOR DIRECT TX** appears. Press **Set**. 4. Press **‹+ ›** to set **COLOR DIRECT TX** to **ON**. Press **Set**.
TX/RX CANCELED	**Stop/Reset** was pressed	Try sending again.

Troubleshooting

MESSAGE	POSSIBLE CAUSE	TRY THIS
TX/RX NO. nnnn	ID number is being assigned to the fax	When the F50 MFP sends or receives a fax, it assigns a unique identification number (nnnn) to the fax.
TX nnnn SCANNING P. nnnn MEMORY FULL PLEASE WAIT	F50 MFP is sending a document and memory is full	The F50 MFP continues to send the document as memory becomes available. This is not an error condition.
WAIT COOLING	Printhead is too hot	Wait a few moments for the F50 MFP to cool down, then resume printing when the LCD message changes.
WRONG CARTRIDGE	Printhead is not installed correctly	Re-install the printhead.
Y INK EMPTY	Yellow ink tank is empty	Replace the ink tank. See "Replacing Ink Tanks" on page 63.

Customer Care Center

Canon offers a full range of customer technical support* options:

- For e-mail support, the latest driver downloads and answers to frequently asked questions (**www.usa.canon.com/consumer**)

- 24-hour, 7-day-a-week automated support for troubleshooting issues on most current products (**1-800-423-2366**)

- 24-hour, Fax-On-Demand System for product specifications and technical information (**1-800-526-4345**)

- Free technical support Monday–Saturday (excluding holidays) for products still under warranty** (**1-757-413-2848**)

- Technical support 7 days a week (excluding holidays) for products no longer under warranty, at $9.99 per call (**1-757-413-2848**)

> **Note** Within Canada, call for technical support 24 hours a day, 7 days a week (**1-800-OK-CANON**).

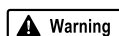*   Support program specifics are subject to change without notice.

**   Refer to the product information starting on page XX for warranty details.
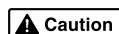
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Appendix

Safety Information

This guide uses the following icons to indicate situations that could cause damage or injury:

⚠ **Warning** Always follow the instructions provided in Warnings to prevent potential or serious personal injury or death as a result of careless operation of the equipment.

⚠ **Caution** Always follow the instructions provided in Cautions to prevent minor injuries to yourself or damage to the equipment as a result of careless operation of the equipment.

Read and follow all of these cautions and warnings to ensure the safe use of the F50 MFP. To avoid the hazards of fire, personal injury, or damage to the equipment, never attempt to use the equipment in any way other than the methods described in this guide.
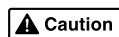
⚠ **Caution** This product emits low level magnetic flux. If you use a cardiac pacemaker and feel abnormalities, please move away from this product and consult your doctor.
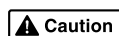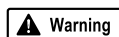
⚠ **Caution** Do not disassemble or modify. There are high-temperature and high-voltage components inside the F50 MFP which may result in a fire or electrical shock.
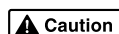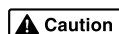
⚠ **Caution** Follow all warnings and instructions marked on the F50 MFP.

Location

⚠ **Warning** Do not place the F50 MFP near alcohol, paint thinner or other flammable substances. If flammable substances come into contact with electrical parts inside the F50 MFP, it may result in a fire or electrical shock.

⚠ **Caution** Do not block or cover the ventilation port or any openings on the F50 MFP with objects, as this may result in a fire.
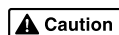
⚠ **Caution** Place the F50 MFP on a flat, stable, vibration-free surface that is strong enough to support its weight (approx. 27.3 lb.)

• Make sure the area is free from dust.

• Make sure the location is not affected by extreme temperature changes, and always stays between 50° and 90.5°F.

• Make sure the relative humidity of the area is between 20% and 85%.

• Keep the F50 MFP away from direct sunlight.

• Do not use or store the F50 MFP outdoors.

• Do not install the F50 MFP near devices that contain magnets or generate magnetic fields, such as speakers.

• Make sure the F50 MFP is approximately 4 inches away from walls and other equipment for proper ventilation.

Appendix

Power Supply
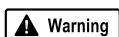
| ⚠ Warning | Do not damage or modify the power cord and power plug. Also, do not place heavy objects on the power cord, pull on it, or extensively bend it. These actions may cause electrical damage and result in a fire or electrical shock. |

| ⚠ Warning | Do not insert or unplug the power plug with wet hands, as this may result in electrical shock. |

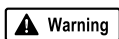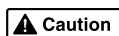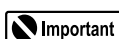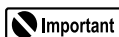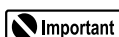| ⚠ Caution | During electrical storms, turn off the power and disconnect the power cord from the power outlet. (Please note that any documents stored in the F50 MFP's memory will be deleted when you turn off the power.) |

| 🚫 Important | If dust accumulates around the plug of the power cord when it is connected to a power outlet, unplug the F50 MFP and wipe the plug with a clean, dry cloth. |

| 🚫 Important | For using the F50 model, do not plug the F50 MFP into the same circuit with appliances such as an air conditioner, television, or copier. These devices generate an electrical noise, which may interfere with your F50 MFP's ability to operate. |

| 🚫 Important | Whenever you turn off the power and unplug the F50 MFP, wait at least five seconds before you plug it in again. |

Plug the F50 MFP into a standard 120V AC/60Hz, three-prong grounded outlet. Operate the F50 MFP only from the type of power source indicated on the F50 MFP's label. If you are not sure of the type of power available, consult your local power company.

Use only the power cord that came with the F50 MFP.

Turn off the power and unplug the F50 MFP in the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has spilled into the F50 MFP.
- If the F50 MFP has been exposed to rain or water.
- If the F50 MFP does not operate normally when you have followed the instructions in the guides included with your F50 MFP. Adjust only those controls that are covered by the instructions in the guides since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the F50 MFP has been dropped or damaged.
- If the F50 MFP exhibits a distinct change in performance, indicating a need for servicing.

Handling
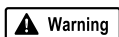
| ⚠ Warning | Do not drop paper clips, staples, or other metal objects inside F50 MFP. Also do not spill water, liquid or inflammable substances inside F50 MFP. If these items come into contact with high-voltage parts inside F50 MFP, it may result in a fire or electrical shock. If these items are dropped or spilled in F50 MFP, turn off the power and unplug the power cord immediately with dry hands. Then, contact the Canon Customer Care Center. |

| ⚠ Warning | Do not use any highly flammable spray near F50 MFP. If gas from a spray comes into contact with the electrical components inside F50 MFP, it will result in a fire. |

| ⚠ Caution | Close the ADF, the platen glass cover, or the scanning unit gently to avoid catching your hand. Failing to do so may result in personal injury. |
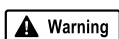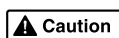
- Do not press down hard on the ADF or the platen glass cover when using the platen glass to scan thick books. This may damage the platen glass and/or result in personal injury.

- Do not fix your eyes on the luminous source while making copies and scanning, as this may result in personal injury.

- Do not subject F50 MFP to strong physical shock or vibration.

- Turn off the power and unplug F50 MFP before moving it.

- Do not lift F50 MFP by any of its attachments.

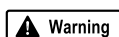- If F50 MFP exhibits a distinct change in performance, this indicates a need for servicing.
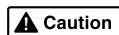
Maintenance

⚠ Warning   Do not service F50 MFP yourself except as specifically described in this guide. If further servicing is required, contact the Canon Customer Care Center.

- Keep the F50 MFP clean. Dust accumulation may prevent F50 MFP from operating properly.

Printhead and Ink Tanks

⚠ Caution   For safety, always store printhead and ink tanks out of the reach of small children. If a child accidentally licks or ingests any ink, consult a physician immediately.
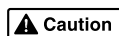
⚠ Caution   Never subject a printhead or ink tank to shocks or excessive vibration. Shaking could cause ink to leak and stain clothing.
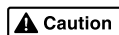
⚠ Caution   Never touch the printhead or electrical contacts on a printhead immediately after removing it from the F50 MFP. These metal parts become very hot during printing and could cause minor burns.

Turning the F50 MFP Off

To avoid equipment malfunction always use the **ON/OFF** button to turn the F50 MFP on and off. Never remove the power cord from the power outlet until you have turned off the F50 MFP by pressing the **ON/OFF** button. Once off, you can unplug the power cord from the power outlet.

Using the F50 MFP Near Appliances and Fluorescent Lamps

Allow at least 6 inches clearance between the F50 MFP and another appliance or a fluorescent lamp. Electrical noise generated by a fluorescent lamp placed too close to the F50 MFP could cause the F50 MFP to malfunction.

Regulatory Information

MultiPASS F50 MFP: Facsimile Transceiver, Model Number H12219

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Appendix

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Plug the equipment into an outlet on a different circuit.

- Consult the dealer or an experienced radio/TV technician for help.

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

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A., Inc.
Digital Home and Personal Systems Division
2995 RedHill Avenue
Costa Mesa, CA 92626
1-800-423-2366

Canadian Radio Interference Regulations

This digital apparatus does not exceed Class B limits for radio noise emissions from a digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

Cet appareil numérique respecte les limites de bruits radio électriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie Canada.

Specifications

System Requirements

- CD-ROM drive, or access to one over a network connection

- 256-color SVGA monitor or greater

- Microsoft Internet Explorer version 4.0 or later

- 60 MB of available hard disk space (150 MB of available hard disk space is recommended)

Microsoft Windows 95/98	IBM or compatible computer with a Pentium® 90 processor or higher, 32 megabytes (MB) of RAM (64 MB of RAM or more is recommended)
Windows NT 4.0:	IBM or compatible computer with a Pentium 90 processor or higher, 32 megabytes (MB) of RAM (64 MB of RAM or more is recommended) Service Pack 4 or later
Windows Me:	IBM or compatible computer with a Pentium 150 processor or higher, 32 megabytes (MB) of RAM (64 MB of RAM or more is recommended)
Windows 2000:	IBM or compatible computer with a Pentium 133 processor or higher, 64 megabytes (MB) of RAM (128 MB of RAM or more is recommended)

The MultiPASS Suite for Windows 98/Me and Windows 2000 supports both parallel and USB ports.

For parallel port connection: Shielded, bi-directional, IEEE-1284-compatible parallel cable 6.6 feet or shorter

For USB port connection (Windows 98/Me and Windows 2000 only): USB cable 16.4 feet in length or shorter

General Specifications

Power Source	120 V/60 Hz
Power Consumption	Maximum: Approx. 39.6W / Standby: Approx. 5.8W
Weight	27.3 lb. (with components)
Environmental Conditions	Temperature: 50° to 90.5°F / Humidity: 20% to 85%
Liquid Crystal Display (LCD)	20 x 2
Display Languages	English/French/Spanish
Applicable Standards	Electrical Safety: UL, C-UL Radiation: FCC Part 15 Class B IC Other: FCC Part 68 IC, Energy Star compliant
Multi-Purpose Tray Capacity	100 sheets 20 lb. plain paper / 10 envelopes maximum

Ink Specifications

Ink Tank Colors	BCI-3eBK, BCI-3eC, BCI-3eM, BCI-3eY

ADF and Glass Specifications

Type of Document	**Glass**: thick paper, documents with uneven surfaces, photographs, small documents **ADF**: multipage documents of the same thickness and weight
Size **(W x L)**	**Glass**: 8.6" x 39" maximum / 3.15" x 1.77" minimum **ADF**: 8.6" x 39" maximum / 8.27" x 5.83" minimum
Quantity	**Glass**: 1 sheet **ADF**: 30 letter and legal size sheets maximum, 1 sheet for all other

Print Specifications

Printing Method	Bubble Jet Ink-on-Demand
Paper Handling	Automatic feed
Print Speed*	Color Printing, fast: 12 pages/minute Black Printing, fast: 17 pages/minute ***** *Based on Canon standard pattern*
Max. Resolution	2400 (horizontal) x 1200 (vertical) dpi
Printable Area	8.5" x 11" paper 8" x 10.8" (max.) 8" x 8.86" (recommended) 8.5" x 14" paper 8" x 13.8" (max.) 8" x 11.94" (recommended) Standard #10 envelope 8.34" x 3.87" (max.) 8.34" x 3.87" (recommended)

Recommended Print Media

Media	Load Limit
plain paper, letter or legal, 17-30 lb.	100 sheets of up to 20 lb.
Standard #10 envelopes	10 envelopes maximum
Glossy Photo Paper	10 sheets
Banner Paper	1 sheet (can print up to 6 connected sheets)
High Resolution Paper	80 sheets maximum
Bubble Jet Paper	100 sheets maximum
Transparencies	30 sheets
High Gloss Photo Film	1 sheet
Glossy Photo Cards	20 cards

Appendix

Copy Specifications

Copy Speed	B&W, letter size:	Approx. 17 pages/minute
	Color, fast mode, letter size:	Approx. 10 pages/minute

No. of Copies	B&W: Maximum 99 copies	Color: Maximum 99 copies

Density Adjustment	9 levels

Reduction	25% to 99%
Enlargement	101% to 400%

Scan Specifications

Compatibility	TWAIN

Scanning Speed	B&W Text (30 – 150 dpi):	5 seconds/page
	B&W Text (151 – 300 dpi):	5 seconds/page
	B&W Text (301 – 600 dpi):	5 seconds/page
	Grayscale (30 – 150 dpi):	5 seconds/page
	Grayscale (151 – 300 dpi):	5 seconds/page
	Grayscale (301 – 600 dpi):	5 seconds/page
	Color (30 – 150 dpi):	15 seconds/page
	Color (151 – 300 dpi):	15 seconds/page
	Color (301 – 600 dpi):	15 seconds/page

Effective Scanning Width	8.4" x 14"
Scanning Resolution	600 x 1200 dpi optical
Scanning Image Processing	Halftones: 256 levels of gray / Color: 16,777,216 colors

Fax Specifications

Applicable Line	Public Switched Telephone Network (PSTN)
Compatibility	G3
Data Compressing System	MH, MR, MMR, JBIG, JPEG
Modem Type	Fax modem
Modem Speed	33600/14400/9600/7200/4800/2400 bps / Automatic fallback
Transmission Speed	B&W: Approx. 3 seconds/page* at 33.6 Kbps, ECM-MMR, transmitting from memory (* Based on ITU-T No. 1 Chart, standard mode.) Color: Approx. 1 minute/page* at 33.6 Kbps, ECM-JPEG, transmitting from memory (*Based on Canon COLOR FAX TEST SHEET)*
Scanning Image Processing	UHQ™ (Ultra High Quality) image enhancement Halftones: 64 levels of gray Density adjustment 3 levels
Transmission/Reception Memory	Up to approximately 270 pages* *Based on ITU-T No. 1 Chart, standard mode.*
Fax Scanning Speed	5.3 seconds/page* *Based on ITU-T No. 1 Chart, standard mode.*

Fax Resolution	B&W STANDARD:	203 pels/in. x 98 lines/in.
	B&W FINE:	203 pels/in. x 196 lines/in.
	B&W PHOTO:	203 pels/in. x 196 lines/in.
	COLOR STANDARD:	200 x 200 dpi
	COLOR FINE:	200 x 200 dpi

Dialing	Automatic dialing	One-Touch Speed Dialing (12 destinations)
	Coded Speed Dialing (100 destinations)	Group Dialing (Max. 111 destinations)
	Regular dialing (with numeric buttons)	Automatic redialing
	Manual redialing	Redial/Pause button
Networking	Sequential broadcast (Max. 113 destinations)	Automatic reception
	Automatic Fax/Tel switchover	Remote reception by telephone (Default ID: 25)
	Non-ring reception	ECM deactivation
	DRPD (Distinctive Ring Pattern Detection)	ACTIVITY REPORT (after every 20 transactions)
	Non-delivery report	TTI (Transmit Terminal Identification)
Telephone Connection	Telephone/answering F50 MFP (CNG detecting signal)/data modem	

Limited Warranty—U.S. Only

The limited warranty set forth below is given by Canon U.S.A., Inc. ("Canon") with respect to the Canon brand computer peripheral product (the "product") that you have purchased, when purchased and used in the United States. The product that you have purchased is the only product to which this warranty card and the limited warranty provided by Canon and stated on the card apply.

Your product, when delivered to you in new condition in its original container, is warranted against defects in materials or workmanship as follows: for a period of one (1) year from the date of original purchase, defective parts or a defective product returned to a Canon repair facility or a Canon Authorized Service Facility ("ASF") for such product, as applicable, and proven to be defective upon inspection, will be exchanged for new or comparable rebuilt parts, or a refurbished product, as determined by the Canon repair facility or the ASF. Warranty repair or replacement shall not extend the original warranty period of the defective product. This limited warranty does not cover any supplies or accessories, including without limitation, ink tanks, as to which there shall be no warranty or replacement.

This limited warranty shall only apply if the product is used in conjunction with compatible computer equipment and compatible software, as to which items Canon shall have no responsibility.

Non-Canon brand equipment and software that may be distributed with the product are sold "as is," without warranty of any kind by Canon, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the manufacturer or producer thereof.

This limited warranty covers all defects encountered in normal use of the product, and does not apply in the following cases:

(a)   Loss of or damage to the product due to abuse, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, failure to follow operating, maintenance or environmental instructions prescribed in Canon's instruction manual, or service performed by someone other than a Canon repair facility or an ASF.

(b)   Use of parts or supplies (other than those sold by Canon) that cause damage to the product or cause abnormally frequent service calls or service problems.

(c)   If the product has had its serial number or dating altered or removed.

NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND CANON. (SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) CANON SHALL NOT BE LIABLE FOR LOSS OF REVENUES OR PROFITS, INCONVENIENCE, EXPENSE FOR SUBSTITUTE EQUIPMENT OR SERVICE, STORAGE CHARGES, LOSS OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE OR MISUSE OF, OR INABILITY TO USE

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THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF CANON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL RECOVERY OF ANY KIND AGAINST CANON BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY CANON WHICH CAUSED THE ALLEGED DAMAGE.

WITHOUT LIMITING THE FOREGOING, YOU ASSUME ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO YOU AND YOUR PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF USE OR MISUSE OF, OR INABILITY TO USE THE PRODUCT NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF CANON. (SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.) THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT, OR THE PERSON FOR WHOM IT WAS PURCHASED AS A GIFT, AND STATES YOUR EXCLUSIVE REMEDY.

Canon offers a full range of customer technical support* options:

For email technical support, the latest driver downloads and answers to frequently asked questions **(www.usa.canon.com/consumer)**

24-hour, 7-day-a-week, automated support for troubleshooting issues on most current products **(800-423-2366)**

24-hour, Fax-On-Demand System for product specifications and technical information **(800-526-4345)**

Free technical support Monday—Saturday (excluding holidays) for products still under warranty **(757-413-2848)**

Technical support 7 days a week (excluding holidays) for products no longer under warranty, at $9.99 per call **(757-413-2848)**

If the problem can't be corrected by using one of the above technical support options, you will be asked to follow the applicable procedures for warranty service. Note that a dated proof of purchase (bill of sale) is required to verify eligibility at the time of service. This requirement will be satisfied by providing a copy of your dated bill of sale. You will also need to supply the product serial number.

Carry-In/Mail-In

Carry-In/Mail-In is a service program by which your defective product is repaired by an ASF. The name and telephone number of the ASF(s) nearest to your location may be obtained from our Web site at: **www.usa.canon.com/consumer**, or by calling the Canon Customer Care Center at **1-800-423-2366**. If shipping is involved, it is your responsibility to properly package and send your defective product, together with your dated proof of purchase, a complete explanation of the problem and a return address, to the ASF at your expense. Do not include any other items with your product. The repair(s) covered by this limited warranty will be made and the product will be returned to you without charge by the ASF. Repairs not covered under this limited warranty will be charged to you at such costs as each ASF may generally establish from time to time.

InstantExchange[†]

InstantExchange is a warranty program that expedites, usually by the next business day[††], the exchange of a defective product with a refurbished product. The refurbished product you receive will be covered by the balance of the period remaining on your original limited warranty. **Note that by using this service you will keep the replacement product that is sent to you, and your originally purchased product shall become the property of Canon.** InstantExchange warranty program service is available only during the express limited-warranty period for your product and only in the continental United States, Alaska and Hawaii during such period.

If the Canon Customer Care Center representative cannot correct the problem with your product over the telephone, and you elect InstantExchange warranty program service, the representative will issue you a reference number upon verification of warranty eligibility. You will be asked for information pertaining to your defective product and for a ship-to location for the replacement product (street address only). You must also provide a major credit card number that will be pre-authorized by Canon in an amount up to the cost of a new product at the time you elect InstantExchange warranty program service. **Your credit card number will be charged in an amount up to the cost of a new product** (i) if you do not return your defective product to a Canon repair facility by the date specified by Canon and in the manner described below; (ii) if the defect(s) in the product is/are not covered by this limited warranty; or (iii) if the warranty period on the product has expired or has not been sufficiently established by your supplying the appropriate documentation.

The Canon repair facility will ship out the replacement product via overnight courier, prepaid by Canon. After receipt of the replacement product (with instructions and a pre-paid return waybill), follow the instructions to ship the defective product to a Canon repair facility. You must return the defective product in the shipping carton in which the replacement product was packed (be sure to retain your printhead and ink tanks), and you must include the reference number, **a copy of your dated proof of purchase** (bill of sale) and a complete explanation of the problem. **Do not include any other items in the return shipping container.**

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

* Support program specifics are subject to change without notice.

† InstantExchange warranty program service is subject to availability of refurbished replacement units.

†† 9 a.m.–5 p.m. (local), Monday–Friday (excluding holidays). The Canon Customer Care Center must receive pertinent information by 3 p.m. (E.S.T.) to ensure next-business-day InstantExchange warranty program service (two-business-day InstantExchange warranty service for Alaska and Hawaii). Canon does not guarantee next-business-day service in the event of factors beyond Canon's reasonable control.

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