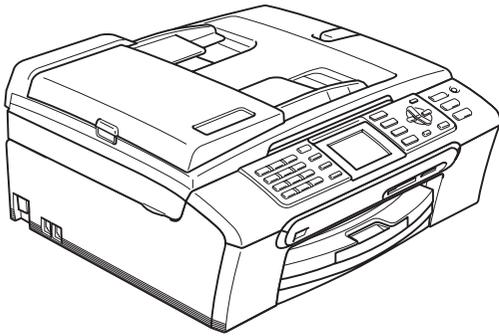


brother®

USER'S GUIDE



MFC-440CN
MFC-665CW

Approval Information and Compilation and Publication Notice

THIS EQUIPMENT IS DESIGNED TO WORK WITH A TWO WIRE ANALOGUE PSTN LINE FITTED WITH THE APPROPRIATE CONNECTOR.

APPROVAL INFORMATION

Brother advises that this product may not function correctly in a country other than where it was originally purchased, and does not offer any warranty in the event that this product is used on public telecommunication lines in another country.

Compilation and Publication Notice

Under the supervision of Brother Industries Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

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Use only GENUINE brother supplies

Brother multifunction machines are designed to work ink of a particular specification and work to a level of optimum performance when used with genuine Brother ink cartridges. Brother cannot guarantee this optimum performance if ink or ink cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother cartridges with this machine or the refilling of empty cartridges with ink from other sources. If damage is caused to the print head or other parts of this machine as a result of the use of ink or ink cartridges other than genuine Brother products due to the incompatibility or lack of suitability of those products with this machine, any repairs required as a result will not be covered by the warranty.

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Using the documentation

Thank you for buying a Brother machine! Reading the documentation will help you make the most of your machine.

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

Bold	Bold typeface identifies specific keys on the machine's control panel.
<i>Italics</i>	Italicized typeface emphasizes an important point or refers you to a related topic.
Courier New	Text in the Courier New font identifies messages on the LCD of the machine.



Warnings tell you what to do to prevent possible personal injury.



Electrical Hazard icons alert you to possible electrical shock.



Cautions specify procedures you must follow or avoid to prevent possible damage to the machine or other objects.



Notes tell you how you should respond to a situation that may arise or give tips about how the operation works with other features.



Improper Setup icons alert you to devices and operations that are not compatible with the machine.

Accessing the Software User's Guide and Network User's Guide

This User's Guide does not contain all the information about the machine such as how to use the advanced features of the Fax, Printer, Scanner, PC Fax and Network. When you are ready to learn detailed information about these operations, read the **Software User's Guide** and **Network User's Guide** that are on the CD-ROM.

Viewing Documentation

Viewing Documentation (For Windows®)

To view the documentation, from the **Start** menu, point to **Brother, MFC-XXXX** (where XXXX is your model name) from the programs group, and then choose **User's Guide**.

If you have not installed the software, you can find the documentation by following the instructions below:

- 1 Turn on your PC. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 If the model name screen appears, click your model name.

- 3 If the language screen appears, click your language. The CD-ROM main menu will appear.



Note

If this window does not appear, use Windows® Explorer to run the setup.exe program from the root directory of the Brother CD-ROM.

- 4 Click **User's Guide** to view the **Software User's Guide** and **Network User's Guide** in HTML format.

How to find Scanning instructions

There are several ways you can scan documents. You can find the instructions as follows:

Software User's Guide

- *Scanning*
(For Windows® 98/98SE/Me/2000 Professional and Windows® XP)
- *ControlCenter3*
(For Windows® 98/98SE/Me/2000 Professional and Windows® XP)
- *Network Scanning*

How to find Network setup instructions (MFC-665CW only)

Your machine can be connected to a wireless or wired network. You can find basic setup instructions in the Quick Setup Guide. For more information, or if your access point supports SecureEasySetup™, please see the Network User's Guide on the CD-ROM.

Viewing Documentation (For Macintosh®)

- 1 Turn on your Macintosh®. Insert the Brother CD-ROM into your CD-ROM drive. The following window will appear.



- 2 Double-click the **Documentation** icon.
- 3 Double-click your language folder.
- 4 Double-click the top page file to view the **Software User's Guide** and **Network User's Guide** in HTML format.
- 5 Click the documentation you want to read.
 - **Software User's Guide**
 - **Network User's Guide**

How to find Scanning instructions

There are several ways you can scan documents. You can find the instructions as follows:

Software User's Guide

- *Scanning*
(For Mac OS® X 10.2.4 or greater)
- *ControlCenter2*
(For Mac OS® X 10.2.4 or greater)
- *Network Scanning*
(For Mac OS® X 10.2.4 or greater)

How to find Network setup instructions (MFC-665CW only)

Your machine can be connected to a wireless or wired network. You can find basic setup instructions in the Quick Setup Guide. For more information, or if your access point supports SecureEasySetup™, please see the Network User's Guide on the CD-ROM.

Control panel overview

MFC-440CN



MFC-665CW



Note

Most of the illustrations in this User's Guide show the MFC-440CN.

1 Dial Pad

Use these keys to dial telephone and fax numbers and as a keyboard for entering information into the machine.

The # key lets you temporarily switch the dialling mode during a telephone call from Pulse to Tone.

2 Fax and telephone keys

- **Search/Speed Dial** (MFC-440CN only)
Lets you look up and dial numbers that are stored in the memory.
- **Redial/Pause**
Redials from the last 30 numbers called. It also inserts a pause when programming quick dial numbers.
- **Hook** (MFC-440CN only)
Press before dialling if you want to make sure a fax machine will answer, and then press **Mono Start** or **Colour Start**.
Also, press this key after picking up the handset of an external telephone during the F/T double/pseudo-ring.
- **Hold** (MFC-665CW only)
Lets you place calls on hold.

3 Mode keys:

-  **Fax**
Lets you access Fax mode.
-  **Scan**
Lets you access Scan mode.
-  **Copy**
Lets you access Copy mode.
-  **PhotoCapture**
Lets you access PhotoCapture Center™ mode.

4 Menu keys:

- **Volume keys**

In Fax mode, you can press these keys to adjust the ring volume.
- **▲ Search/Speed Dial** (MFC-665CW only)
Lets you look up and dial numbers that are stored in the memory.
- **◀ or ▶**
Press to scroll backward or forward to a menu selection.
- **▲ or ▼**
Press to scroll through the menus and options.
- **Menu**
Access the main menu.
- **OK**
Selects a setting.
- **Clear/Back**
Press to cancel the current setting.

5 Start keys:

-  **Colour Start**
Lets you start sending faxes or making copies in full colour. Also lets you start a scanning operation (in colour or monochrome, depending on the scanning setting in the ControlCenter software).
-  **Mono Start**
Lets you start sending faxes or making copies in monochrome. Also lets you start a scanning operation (in colour or mono, depending on the scanning setting in the ControlCenter software).

6 Power Save

Lets you put the machine into Power Save mode.

7 Stop/Exit

Stops an operation or exits from a menu.

8 LCD (liquid crystal display)

Displays messages on the screen to help you set up and use your machine.

Also, you can adjust the angle of the LCD display by lifting it.

9 Ink Management

Lets you clean the print head, check the print quality, and check the available ink volume.

10 Fax Preview (MFC-665CW only)

Lets you preview incoming faxes on the LCD.

11 TAD keys (MFC-665CW only):**MC On/Off**

Turns the Telephone Answering Device (TAD) on or off. It will also flash if you have new messages.

Play/Record

Plays voice messages stored in the memory. Will also let you record telephone calls.

Erase

Deletes voice messages.

12 Speaker Phone (MFC-665CW only)

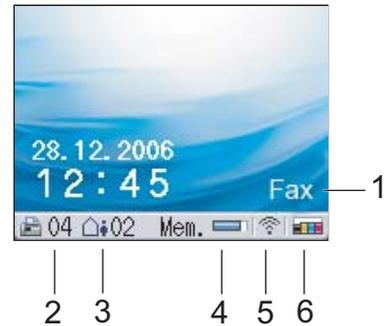
Turns the speaker phone on or off.

13 Microphone (MFC-665CW only)

Picks up your voice when you speak to another party using **Speaker Phone**.

LCD display screen

The LCD shows the current machine status when the machine is idle.

**1 Current Receive Mode**

Lets you see the current receive mode.

- Fax (Fax only)
- F/T (Fax/Tel)
- TAD (External TAD) (MFC-440CN only)
- MC (Msg Ctr) (MFC-665CW only)
- Mnl (Manual)

2 Fax in memory

Shows how many received faxes are in the memory.

3 Voice message in memory (MFC-665CW only)

Shows how many received voice messages are in the memory.

4 Memory Status

Lets you see the available memory in the machine.

5 Wireless Status (MFC-665CW only)

A four level indicator shows the current wireless signal strength if you are using a wireless connection.

**6 Ink indicator**

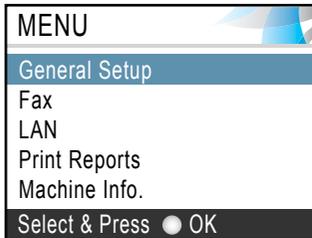
Lets you see the available ink volume.

Basic Operations

The following steps show how to change a setting in the machine. In this example the Mode Timer setting is changed from 2 minutes to 30 seconds.

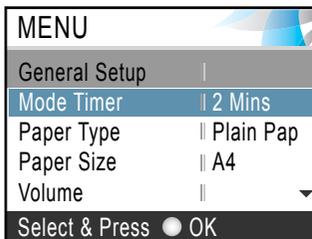
1 Press **Menu**.

2 Press **▲** or **▼** to choose General Setup.



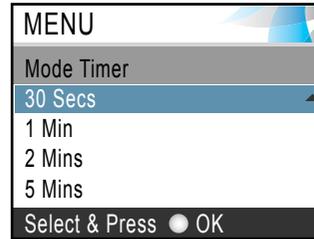
Press **OK**.

3 Press **▲** or **▼** to choose Mode Timer.



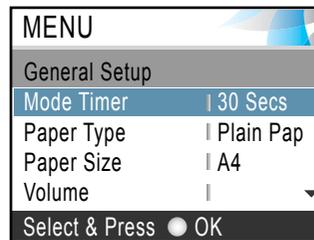
Press **OK**.

4 Press **▲** or **▼** to choose 30 Secs.



Press **OK**.

You can see the current setting on the LCD:



5 Press **Stop/Exit**.

2

Loading documents and paper

Loading documents

You can send a fax, make copies, and scan from the ADF (automatic document feeder) and from the scanner glass (Flatbed).

Using the ADF

The ADF can hold up to 10 pages and feeds each sheet individually. Use standard 80 gsm (20 lb) paper and always fan the pages before putting them in the ADF.

Recommended environment

Temperature:	20 to 30° C (68 to 86° F)
Humidity:	50% to 70%
Paper:	80 gsm A4 (20 lb LTR)

Document Sizes Supported

Length:	148 to 355.6 mm (5.8 to 14 in.)
Width:	148 to 215.9 mm (5.8 to 8.5 in.)
Weight:	64 to 90 gsm (17 to 24 lb)

How to load documents

! CAUTION

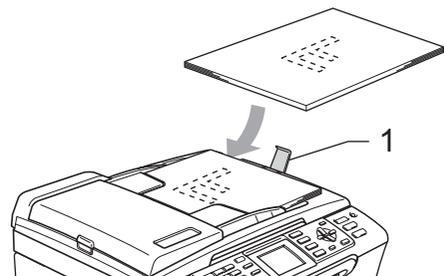
DO NOT pull on the document while it is feeding.

DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper clipped, pasted or taped.

DO NOT use cardboard, newspaper or fabric with ADF. Instead use scanner glass (Flatbed).

■ Make sure documents written with ink are completely dry.

- 1 Fan the pages well. Make sure you put the documents **face down, top edge first** in the ADF until you feel them touch the feed roller.
- 2 Adjust the paper guides to fit the width of your documents.
- 3 Unfold the ADF Document Output Support Flap (1).



! CAUTION

DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.

Using the scanner glass

You can use the scanner glass to fax, copy or scan pages of a book or one page at a time.

Document Sizes Supported

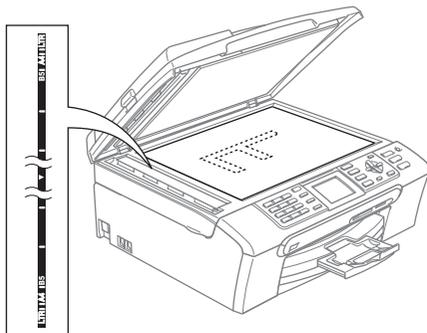
Length:	Up to 297 mm (11.7 in.)
Width:	Up to 215.9 mm (8.5 in.)
Weight:	Up to 2 kg (4.4 lb)

How to load documents

 **Note**

To use the scanner glass, the ADF must be empty.

- 1 Lift the document cover.
- 2 Using the document guidelines on the left, center the document face down on the scanner glass.



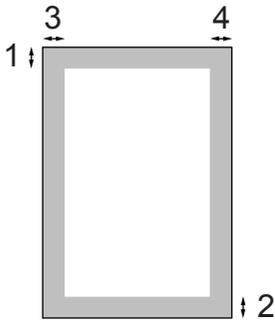
- 3 Close the document cover.

! CAUTION

If you are scanning a book or thick document, DO NOT slam the cover down or press on it.

Scanning area

The scannable area depends on the settings in the application you are using. The figures below show the areas you cannot scan on Letter or A4 paper.



Usage	Document Size	Top (1) Bottom (2)	Left (3) Right (4)
Fax	Letter	3 mm (0.12 in.)	4 mm (0.16 in.)
	A4	3 mm (0.12 in.)	1 mm (0.04 in.)
Copy	Letter	3 mm (0.12 in.)	3 mm (0.12 in.)
	A4	3 mm (0.12 in.)	3 mm (0.12 in.)
Scan	Letter	3 mm (0.12 in.)	3 mm (0.12 in.)
	A4	3 mm (0.12 in.)	0 mm (0 in.)

Acceptable paper and other media

The print quality can be affected by the type of paper you use in the machine.

To get the best print quality for the settings you have chosen, always set the Paper Type to match the type of paper you load.

You can use plain paper, inkjet paper (coated paper), glossy paper, transparencies and envelopes.

We recommend testing various paper types before buying large quantities.

For best results, use Brother paper.

- When you print on inkjet paper (coated paper), transparencies and photo paper, be sure to choose the proper media in the 'Basic' tab of the printer driver or in the Paper Type setting of the menu (see *Paper Type* on page 23).
- When you print on Brother photo paper, load the instruction sheet included with the photo paper in the paper tray first, and then put the photo paper on top of the instruction sheet.
- When you use transparencies or photo paper, remove each sheet at once to prevent smudging or paper jams.
- Avoid touching the printed surface of the paper immediately after printing; the surface may not be completely dry and may stain your fingers.

Recommended media

To get the best print quality, we suggest using Brother paper. (See table below.)

If Brother paper is not available in your country, we recommend testing various papers before purchasing large quantities.

We recommend using '3M Transparency Film' when you print on transparencies.

Brother paper

Paper Type	Item
A4 Plain	BP60PA
A4 Glossy Photo	BP61GLA
A4 Inkjet (Matte)	BP60MA
10×15 cm Glossy Photo	BP61GLP

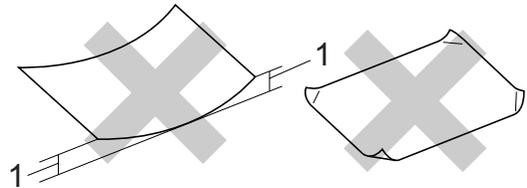
Handling and using media

- Store paper in its original packaging, and keep it sealed. Keep the paper flat and away from moisture, direct sunlight and heat.
- The coated side of photo paper is shiny. Avoid touching the shiny (coated) side. Load photo paper with the shiny side facing down.
- Avoid touching either side of transparencies because they absorb water and perspiration easily, and this may cause decreased output quality. Transparencies designed for laser printers/copiers may stain your next document. Use only transparencies recommended for inkjet printing.

⊘ Improper Setup

DO NOT use the following kinds of paper:

- Damaged, curled, wrinkled, or irregularly shaped paper



1 2 mm (0.08 in.) or longer

- Extremely shiny or highly textured paper
- Paper already printed on by a printer
- Paper that cannot be arranged uniformly when stacked
- Paper made with a short grain

Paper capacity of the output paper tray

Up to 50 sheets of 20 lb Letter or 80 gsm A4 paper.

- Transparencies or photo paper must be picked up from the output paper tray one page at a time to avoid smudging.

Choosing the right media

Paper type and size for each operation for paper tray

Paper Type	Paper Size		Usage			
			Fax	Copy	Photo Capture	Printer
Cut Sheet	Letter	216 × 279 mm (8 1/2 × 11 in.)	Yes	Yes	Yes	Yes
	A4	210 × 297 mm (8.3 × 11.7 in.)	Yes	Yes	Yes	Yes
	Legal	216 × 356 mm (8 1/2 × 14 in.)	Yes	Yes	–	Yes
	Executive	184 × 267 mm (7 1/4 × 10 1/2 in.)	–	–	–	Yes
	JIS B5	182 × 257 mm (7.2 × 10.1 in.)	–	–	–	Yes
	A5	148 × 210 mm (5.8 × 8.3 in.)	–	Yes	–	Yes
	A6	105 × 148 mm (4.1 × 5.8 in.)	–	–	–	Yes
Cards	Photo	10 × 15 cm (4 × 6 in.)	–	Yes	Yes	Yes
	Photo L	89 × 127 mm (3 1/2 × 5 in.)	–	–	–	Yes
	Photo 2L	13 × 18 cm (5 × 7 in.)	–	–	Yes	Yes
	Index Card	127 × 203 mm (5 × 8 in.)	–	–	–	Yes
	Post Card 1	100 × 148 mm (3.9 × 5.8 in.)	–	–	–	Yes
	Post Card 2 (Double)	148 × 200 mm (5.8 × 7.9 in.)	–	–	–	Yes
Envelopes	C5 Envelope	162 × 229 mm (6.4 × 9 in.)	–	–	–	Yes
	DL Envelope	110 × 220 mm (4.3 × 8.7 in.)	–	–	–	Yes
	COM-10	105 × 241 mm (4 1/8 × 9 1/2 in.)	–	–	–	Yes
	Monarch	98 × 191 mm (3 7/8 × 7 1/2 in.)	–	–	–	Yes
	JE4 Envelope	105 × 235 mm (4.1 × 9.3 in.)	–	–	–	Yes
	Transparencies	Letter	216 × 279 mm (8 1/2 × 11 in.)	–	Yes	–
A4		210 × 297 mm (8.3 × 11.7 in.)	–	Yes	–	Yes

Paper weight, thickness and capacity

Paper Type		Weight	Thickness	No. of sheets
Cut Sheet	Plain Paper	64 to 120 gsm (17 to 32 lb)	0.08 to 0.15 mm (0.003 to 0.006 in.)	100 ¹
	Inkjet Paper	64 to 200 gsm (17 to 53 lb)	0.08 to 0.25 mm (0.003 to 0.01 in.)	20
	Glossy Paper	Up to 220 gsm (Up to 58 lb)	Up to 0.25 mm (Up to 0.01 in.)	20
Cards	Photo Card	Up to 240 gsm (Up to 64 lb)	Up to 0.28 mm (Up to 0.01 in.)	20 ²
	Index Card	Up to 120 gsm (Up to 32 lb)	Up to 0.15 mm (Up to 0.006 in.)	30
	Post Card	Up to 200 gsm (Up to 53 lb)	Up to 0.23 mm (Up to 0.01 in.)	30
Envelopes		75 to 95 gsm (20 to 25 lb)	Up to 0.52 mm (Up to 0.02 in.)	10
Transparencies		–	–	10

¹ Up to 50 sheets for Legal size paper 80 gsm (20 lb).
Up to 100 sheets of 80 gsm (20 lb) paper.

² For Photo 10×15cm and Photo L paper, use the photo paper tray. (See *Loading photo paper* on page 18.)

Loading paper, envelopes and other media

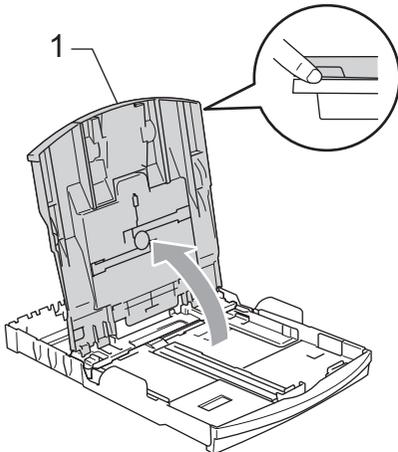
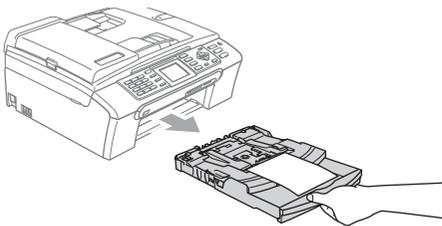
Loading paper and other media



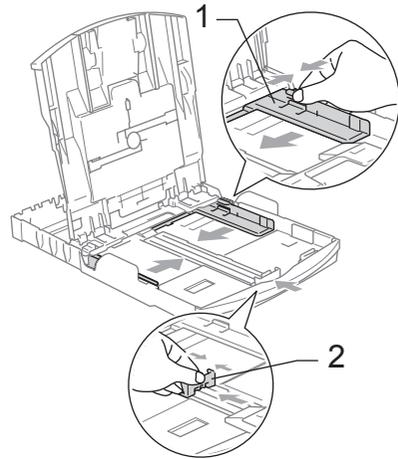
Note

To print on Photo 10×15cm or Photo L paper, you must use the photo paper tray. (See *Loading photo paper* on page 18.)

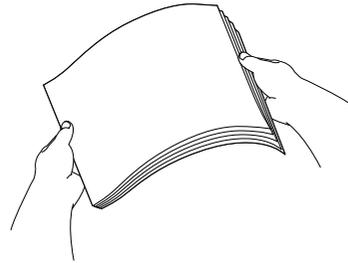
- 1 If the paper support flap is open, close it and then pull the paper tray completely out of the machine. lift the output paper tray cover (1).



- 2 Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.



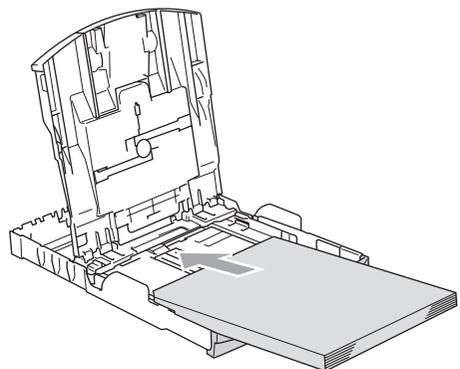
- 3 Fan the stack of paper well to avoid paper jams and misfeeds.



Note

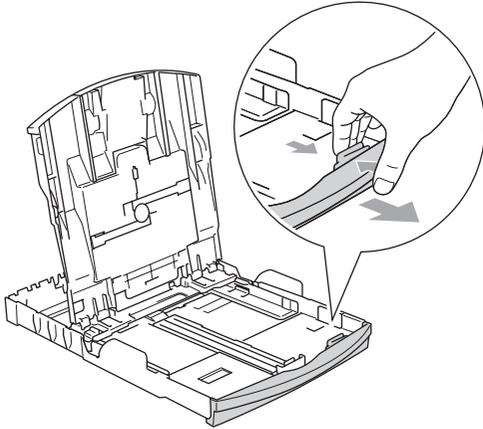
Always make sure that the paper is not curled.

- 4 Gently put the paper into the paper tray print side down and top edge first. Check that the paper is flat in the tray.

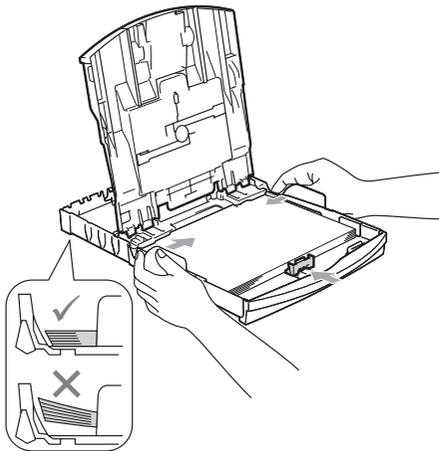


 **Note**

When you use Legal size paper, press and hold the universal guide release button as you slide out the front of the paper tray.



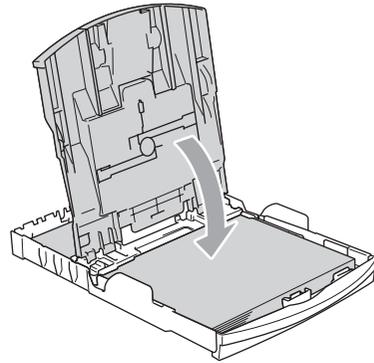
- 5 Gently adjust the paper side guides with both hands and the paper length guide to the paper. Make sure the paper side guides touch the sides of the paper.



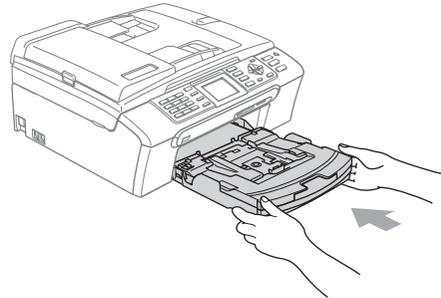
 **Note**

Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.

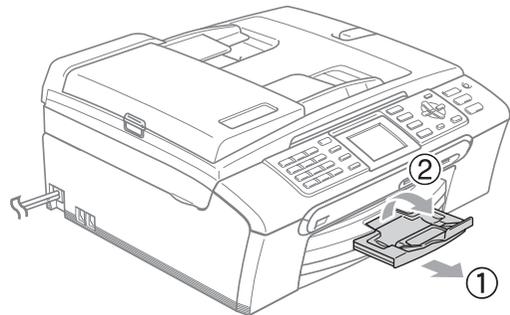
- 6 Close the output paper tray cover.



- 7 Slowly push the paper tray completely into the machine.



- 8 While holding the paper tray in place, pull out the paper support (1) until it clicks and unfold the paper support flap (2).



 **Note**

Do not use the paper support flap for Legal paper.

Loading envelopes, post cards and photo paper

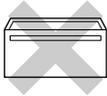
Loading envelopes

- Use envelopes that weigh from 75 to 95 gsm (20 to 25 lb).
- Some envelopes need margin settings to be set in the application. Make sure you do a test print first.

! CAUTION

Do not use any of the following types of envelopes, as they will cause paper feed problems:

- If they are of a baggy construction.
- That are embossed (have raised writing on them).
- That have clasps or staples.
- That are pre-printed on the inside.

Glue	Double flap
	

Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using.

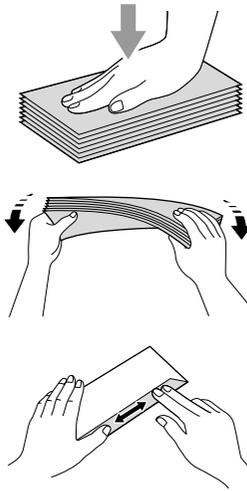
How to load envelopes and post cards

- 1 Before loading, press the corners and sides of the envelopes or post cards to make them as flat as possible.

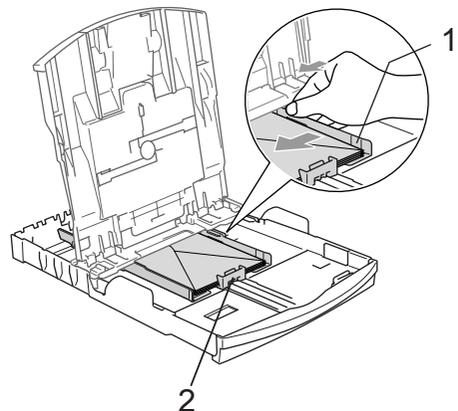


Note

If the envelopes or post cards are 'double-feeding,' put one envelope in the paper tray at a time.

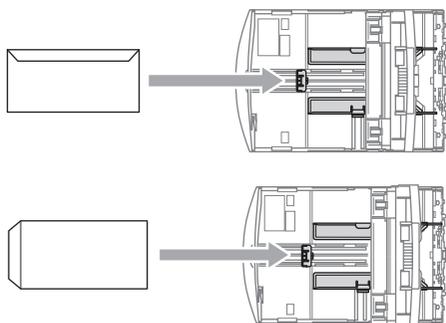


- 2 Put the envelopes or post cards into the paper tray with the address side down and the leading edge in first as shown in the illustration. Slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or post cards.



If you have problems when printing on envelopes, try the following suggestions:

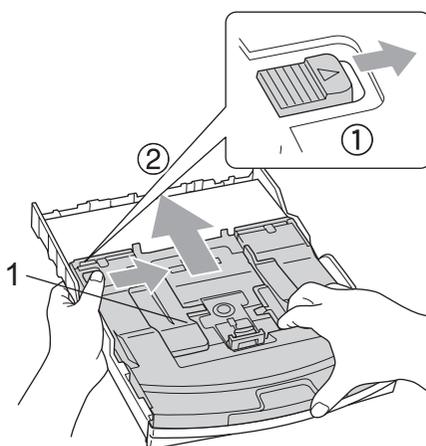
- 1 Open the envelope flap.
- 2 Make sure the open flap is either to the side of the envelope or to the back edge of the envelope when printing.
- 3 Adjust the size and margin in your application.



Loading photo paper

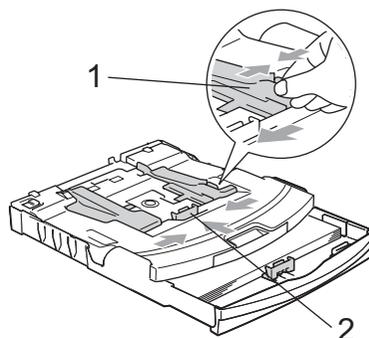
Use the photo paper tray, which has been assembled on the top of the output paper tray cover, to print on photo 10×15cm and photo L size paper. You can leave paper in the standard paper tray when using the photo paper tray.

- 1 Press the tray release button with your left thumb and push the photo paper tray (the top part of the tray) backward until it clicks into the photo printing position.

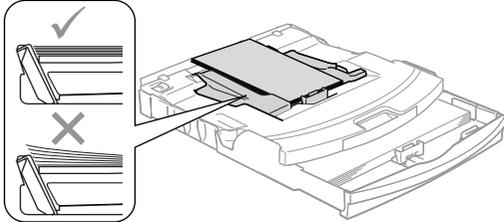


1 Photo Paper Tray

- 2 Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.



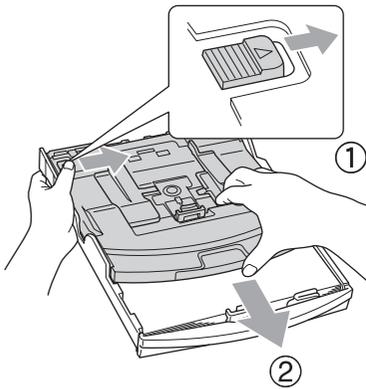
- 3 Put the photo paper into the photo paper tray and gently adjust the paper side guides to the paper. Make sure the paper side guides touch the sides of the paper.



Note

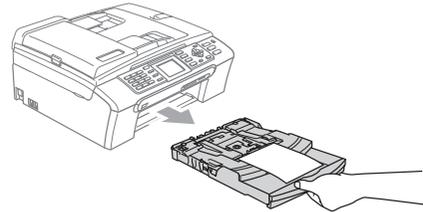
- Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.
- Always make sure that the paper is not curled.

- 4 When you have finished printing photos return the photo paper tray to the normal printing position. Press the photo paper tray release button with your left thumb and pull the photo paper tray forward until it clicks.



Removing small printouts from the machine

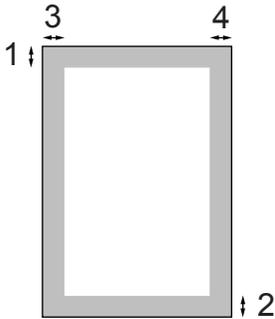
When the machine ejects small paper onto the output paper tray you may not be able to reach it. Make sure printing has finished, and then pull the tray completely out of the machine.



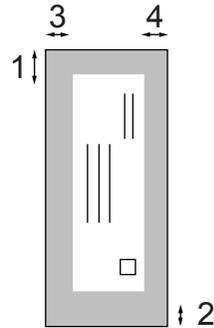
Printable area

The printable area depends on the settings in the application you are using. The figures below show the unprintable areas on cut sheet paper and envelopes. The machine can only print in the shaded areas when the Borderless print feature is available and turned on.

Cut Sheet Paper



Envelopes



	Top (1)	Bottom (2)	Left (3)	Right (4)
Cut Sheet	3 mm (0.12 in.)	3 mm (0.12 in.)	3 mm (0.12 in.)	3 mm (0.12 in.)
Envelopes	12 mm (0.47 in.)	24 mm (0.95 in.)	3 mm (0.12 in.)	3 mm (0.12 in.)



Note

The Borderless feature is not available for envelopes.

Power Save mode

When the machine is idle, you can put the machine into Power Save mode by pressing the **Power Save** key. You can still receive telephone calls in Power Save mode. For further information on receiving faxes in the power save condition, please see the table on *On/Off setting* on page 22. The delayed faxes that have been set up will be sent. You can even retrieve faxes using Remote Retrieval if you are away from your machine. (See *Remote Retrieval* on page 73.) If you want to do other operations, you must take the machine out of Power Save mode.



Note

If you have connected an external telephone or TAD, it is always available.

Putting your machine in Power Save mode

- 1 Press and hold down the **Power Save** key until the LCD shows *Shutting Down*.
The LCD light goes off.

Bringing your machine out of Power Save mode

- 1 Press the **Power Save** key.



Note

- Even if you have put the machine into Power Save mode, it will periodically clean the print head to preserve print quality.
- If you unplug the AC power cord, no machine operations will be available.
- You can customize Power Save mode so that, apart from automatic head cleaning, no machine operations are available.

Power Save setting

You can customize the machine's **Power Save** key. The factory setting is *Fax Receive:On*. Your machine can receive faxes or calls even when the machine is in Power Save mode. If you do not want your machine to receive faxes or calls, turn this setting to *Fax Receive:Off*. (See *Power Save mode* on page 21.)

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *General Setup*.
Press **OK**.
- 3 Press **▲** or **▼** to choose *P.Save Setting*.
Press **OK**.
- 4 Press **▲** or **▼** to choose *Fax Receive:Off* (or *Fax Receive:On*).
Press **OK**.
- 5 Press **Stop/Exit**.

On/Off setting	Receive mode	Available operations
Fax Receive: On ^{1 2} (factory setting)	Fax Only	Fax Receive Fax Detect Delayed Fax ⁶ Fax Forward ⁶ Fax Storage ⁶ PC Fax Receive ⁶ Remote Retrieval ⁶
	External TAD ³	
	Fax/Tel ⁴	
	MC ⁴	Fax Receive Recording of incoming messages Fax Detect Delayed Fax ⁶ Fax Forward ⁶ Fax Storage ⁶ PC Fax Receive ⁶ Remote Retrieval ⁶
	Manual Fax/Tel ⁵	Fax Detect Delayed Fax ⁶
Fax Receive: Off	—	No machine operations will be available other than cleaning the print head.

- ¹ You cannot receive a fax with **Mono Start** or **Colour Start**.
- ² You can receive telephone calls by lifting the handset (MFC-665CW only).
- ³ MFC-440CN only
- ⁴ MFC-665CW only
- ⁵ (MFC-440CN only) You cannot receive a fax automatically if you have set the receive mode to Fax/Tel.
- ⁶ Set before you switch off the machine.

Mode Timer

The machine has four temporary mode keys on the control panel: **Fax**, **Scan**, **Copy** and **PhotoCapture**. You can change the amount of time the machine takes after the last Scan, Copy or PhotoCapture operation before it returns to Fax mode (default). If you choose **Off**, the machine stays in the mode you used last.



- 1** Press **Menu**.
- 2** Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3** Press **▲** or **▼** to choose **Mode Timer**. Press **OK**.
- 4** Press **▲** or **▼** to choose **0 Sec**, **30 Secs**, **1 Min**, **2 Mins**, **5 Mins** or **Off**. Press **OK**.
- 5** Press **Stop/Exit**.

Paper settings

Paper Type

To get the best print quality, set the machine for the type of paper you are using.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Paper Type**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Plain Paper**, **Inkjet Paper**, **Brother Photo**, **Other Photo** or **Transparency**. Press **OK**.
- 5 Press **Stop/Exit**.



Note

The machine ejects paper with printed surfaces face up onto the paper tray in front of the machine. When you use transparencies or glossy paper, remove each sheet at once to prevent smudging or paper jams.

Paper Size

You can use five sizes of paper for printing copies: Letter, Legal, A4, A5, and 10×15cm (4 × 6 in.) and three sizes for printing faxes: Letter, Legal and A4. When you change the size of paper you load in the machine, you will need to change the paper size setting at the same time so your machine can fit an incoming fax on the page.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Paper Size**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Letter**, **Legal**, **A4**, **A5** or **10×15cm**. Press **OK**.
- 5 Press **Stop/Exit**.

Volume Settings

Ring Volume

You can choose a range of ring volume levels, from **High** to **Off**.

While in Fax mode , press  or  to adjust the volume level. The LCD shows the current setting, and each key press will change the volume to the next level. The machine will keep the new setting until you change it. You can also change the volume through the menu, by following the instructions below:

Setting the Ring Volume from the menu

- 1 Press **Menu**.
- 2 Press  or  to choose **General Setup**. Press **OK**.
- 3 Press  or  to choose **Volume**. Press **OK**.
- 4 Press  or  to choose **Ring**. Press **OK**.
- 5 Press  or  to choose **Low, Med, High** or **Off**. Press **OK**.
- 6 Press **Stop/Exit**.

Beeper Volume

When the beeper is on, the machine will beep when you press a key, make a mistake or after you send or receive a fax.

You can choose a range of volume levels, from **High** to **Off**.

- 1 Press **Menu**.

- 2 Press  or  to choose **General Setup**. Press **OK**.
- 3 Press  or  to choose **Volume**. Press **OK**.
- 4 Press  or  to choose **Beeper**. Press **OK**.
- 5 Press  or  to choose **Low, Med, High** or **Off**. Press **OK**.
- 6 Press **Stop/Exit**.

Speaker Volume

You can choose a range of speaker volume levels, from **High** to **Off**.

- 1 Press **Menu**.
- 2 Press  or  to choose **General Setup**. Press **OK**.
- 3 Press  or  to choose **Volume**. Press **OK**.
- 4 Press  or  to choose **Speaker**. Press **OK**.
- 5 Press  or  to choose **Low, Med, High** or **Off**. Press **OK**.
- 6 Press **Stop/Exit**.

You can also adjust the speaker volume by pressing **Hook** or **Speaker Phone**.

- 1 Press **Hook** or **Speaker Phone**.
- 2 Press  or . This setting will stay until you change it again.
- 3 Press **Hook** or **Speaker Phone**.

**Note**

(MFC-665CW only)

You can adjust the speaker volume while you are listening to your outgoing message (OGM) and incoming messages (ICM's) by pressing or .

LCD display

LCD Contrast

If you are having difficulty reading the LCD, try changing the contrast setting.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose General Setup.
Press **OK**.
- 3 Press **▲** or **▼** to choose LCD Settings.
Press **OK**.
- 4 Press **▲** or **▼** to choose LCD Contrast.
Press **OK**.
- 5 Press **▲** or **▼** to choose Light, Med or Dark.
Press **OK**.
- 6 Press **Stop/Exit**.

Setting the backlight brightness

You can adjust the brightness of the LCD backlight. If you are having difficulty reading the LCD, try changing the brightness setting.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose General Setup.
Press **OK**.
- 3 Press **▲** or **▼** to choose LCD Settings.
Press **OK**.
- 4 Press **▲** or **▼** to choose Backlight.
Press **OK**.

- 5 Press ▲ or ▼ to choose *Light, Med or Dark*.
Press **OK**.
- 6 Press **Stop/Exit**.

Setting the Dim Timer for the backlight

You can set how long the LCD backlight stays on after the last key press.

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *General Setup*.
Press **OK**.
- 3 Press ▲ or ▼ to choose *LCD Settings*.
Press **OK**.
- 4 Press ▲ or ▼ to choose *Dim Timer*.
Press **OK**.
- 5 Press ▲ or ▼ to choose *10 Secs, 20 Secs, 30 Secs or Off*.
Press **OK**.
- 6 Press **Stop/Exit**.

Setting the Off Timer

You can set how long the LCD stays on after the last key press. This is a power saving feature. The machine can print, scan and receive faxes and voice calls when the LCD is off.

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *General Setup*.
Press **OK**.
- 3 Press ▲ or ▼ to choose *LCD Settings*.
Press **OK**.

- 4 Press ▲ or ▼ to choose *Off Timer*.
Press **OK**.
- 5 Press ▲ or ▼ to choose *1 Min, 2 Mins, 3 Mins, 5 Mins, 10 Mins, 30 Mins or Off*.
Press **OK**.
- 6 Press **Stop/Exit**.



Note

When the display is off you can press any key to turn it back on.

Setting the Wallpaper

You can change the wallpaper.

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *General Setup*.
Press **OK**.
- 3 Press ▲ or ▼ to choose *LCD Settings*.
Press **OK**.
- 4 Press ▲ or ▼ to choose *Wallpaper*.
Press **OK**.
- 5 Press ▲ or ▼ to choose a wallpaper.
Press **OK**.
- 6 Press **Stop/Exit**.

TX Lock (MFC-440CN only)

TX Lock lets you prevent unauthorized access to the machine. You will not be able to schedule Delayed Faxes or Polling jobs. However, any pre-scheduled Delayed Faxes will be sent even if you turn on TX Lock, so they will not be lost.

While TX Lock is On, the following operations are available:

- Receiving faxes
- Fax Forwarding (If Fax Forwarding was already On)
- Remote retrieval (If Fax Storage was already On)
- PC Fax Receive (if PC Fax Receive was already On)

While TX Lock is On, the following operations are NOT available:

- Sending faxes
- Copying
- PC printing
- Scanning
- PhotoCapture

Setting and changing the TX Lock password

Setting up the password



Note

- If you forget the TX Lock password, please call Brother dealer for service.
- If you have already set the password, you will not need to set it again.

1 Press **Menu**.

2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.

3 Press **▲** or **▼** to choose **Miscellaneous**.
Press **OK**.

4 Press **▲** or **▼** to choose **TX Lock**.
Press **OK**.

5 Enter a 4-digit number for the password.
Press **OK**.

6 When the LCD shows **Verify:**, re-enter the password.
Press **OK**.

7 Press **Stop/Exit**.

Changing the TX Lock password

1 Press **Menu**.

2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.

3 Press **▲** or **▼** to choose **Miscellaneous**.
Press **OK**.

4 Press **▲** or **▼** to choose **TX Lock**.
Press **OK**.

5 Press **▲** or **▼** to choose **Set Password**.
Press **OK**.

6 Enter a 4-digit number for the current password.
Press **OK**.

7 Enter a 4-digit number for a new password.
Press **OK**.

8 When the LCD shows **Verify:**, re-enter the password.
Press **OK**.

- 9 Press **Stop/Exit**.

Turning the TX Lock on/off

Turning TX Lock on

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.
- 4 Press **▲** or **▼** to choose **TX Lock**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Set TX Lock**. Press **OK**.
- 6 Enter the registered 4-digit password. Press **OK**.
The machine goes offline and the LCD shows **TX Lock Mode**.

Turning TX Lock off

- 1 Press **Menu**.
- 2 Enter the registered 4-digit password. Press **OK**.
TX lock is automatically turned off.



Note

If you enter the wrong password, the LCD shows **Wrong Password** and stays offline. The machine will stay in TX Lock mode until the registered password is entered.

Memory Security (MFC-665CW only)

Memory Security lets you prevent unauthorized access to the machine. You will not be able to schedule Delayed Faxes or Polling jobs. However, any pre-scheduled Delayed Faxes will be sent even if you turn on Memory Security, so they will not be lost.

While Memory Security is On, the following operations are available:

- Receiving faxes into memory (limited by memory capacity)
- Fax Forwarding (If Fax Forwarding was already On)
- Remote retrieval (If Fax Storage was already On)

While Memory Security is on, the following operations are NOT available:

- Printing received faxes
- Sending faxes
- Copying
- PC printing
- Scanning
- PhotoCapture
- PC Fax Receive



Note

- To print the faxes in memory, turn off Memory Security.
 - You must turn off PC Fax Receive before you can turn on Memory Security. (See *Turning off Advanced Fax Operations* on page 72.)
-

Setting and changing the memory security password

Setting a password for the first time



Note

- If you forget the Memory Security password, please call Brother dealer for service.
- If you have already set the password, you will not need to set it again.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Mem Security**. Press **OK**.
- 5 Enter a 4-digit number for the password. Press **OK**.
- 6 When the LCD shows **Verify:**, re-enter the password. Press **OK**.
- 7 Press **Stop/Exit**.

Changing your memory security password

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.

- 4 Press **▲** or **▼** to choose **Mem Security**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Set Password**. Press **OK**.
- 6 Enter the registered 4-digit number for the current password. Press **OK**.
- 7 Enter a 4-digit number for a new password. Press **OK**.
- 8 When the LCD shows **Verify:**, re-enter the new password. Press **OK**.
- 9 Press **Stop/Exit**.

Turning the memory security on/off

Turning on the memory security lock

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Mem Security**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Set Security**. Press **OK**.
- 6 Enter the registered 4-digit password. Press **OK**.
The machine goes offline and the LCD shows **Secure Mode**.



Note

If there is a power failure the data will stay in memory for up to 24 hours.

Turning off the memory security

1

Press **Menu**.

2

Enter the registered 4-digit password.

Press **OK**.

Memory Security is automatically turned off.



Note

If you enter the wrong password, the LCD shows `Wrong Password` and stays offline. The machine will stay in Secure mode until the registered password is entered.



Fax

Sending a fax	32
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Telephone Services and External devices	47
Dialling and storing numbers	55
Digital TAD (MFC-665CW only)	63
Advanced fax operations (Monochrome only)	68
Printing Reports	78
Polling	80

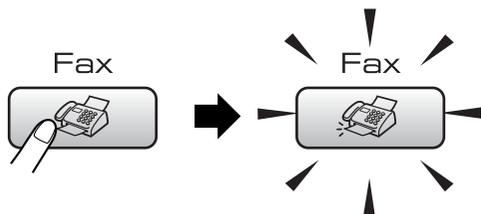
5

Sending a fax

Entering Fax mode

When you want to send a fax, or change fax send or receive settings, press the

 (**Fax**) key to illuminate it in green.



The LCD shows:



Press **▲** or **▼** to scroll through the **Fax** key options. Some functions are only available when sending monochrome faxes.

- Fax Resolution (See page 36.)
- Contrast (See page 36.)
- Speed-Dial (See page 55.)
- Outgoing Call (See page 56.)

Please scroll down to see other selections.

- Caller ID hist. (See page 57.)
- Broadcasting (See page 34.)
- Delayed Fax (See page 37.)
- Batch TX (See page 38.)
- Real Time TX (See page 37.)
- Polled TX (See page 82.)
- Polling RX (See page 80.)
- Overseas Mode (See page 37.)

- Scan Size (See page 33.)
- Set New Default (See page 38.)
- Factory Reset (See page 39.)

When the option you want is highlighted, press **OK**.

Faxing from the ADF

- 1 Press  (**Fax**).
- 2 Put the document face down in the ADF.
- 3 Enter the fax number using the dial pad, Speed-Dial or Search.
- 4 Press **Mono Start** or **Colour Start**. The machine starts scanning the document.



Note

- To cancel, press **Stop/Exit**.
- If the memory is full, the document will be sent in real time.

Faxing from the scanner glass

You can use the scanner glass to fax pages of a book one at a time. The documents can be up to letter or A4 size.

You cannot send multiple pages for colour faxes.



Note

Since you can only scan one page at a time, it is easier to use the ADF if you are sending a multiple page document.

- 1 Press  (**Fax**).
- 2 Load your document face down on the scanner glass.
- 3 Enter the fax number using the dial pad, Speed-Dial or Search.
- 4 Press **Mono Start** or **Colour Start**.
 - If you press **Mono Start**, the machine starts scanning the first page. Go to step 5.
 - If you press **Colour Start**, the machine starts sending the document.
- 5 Do one of the following:
 - To send a single page, press **2** to choose **No** (or press **Mono Start** again).
The machine starts sending the document.
 - To send more than one page, press **1** to choose **Yes** and go to step 6.
- 6 Put the next page on the scanner glass. Press **OK**.
The machine starts scanning the page. (Repeat steps 5 and 6 for each additional page.)



Note

If the memory is full and you are faxing a single page, it will be sent in real time.

Faxing Letter size documents from the scanner glass

When documents are Letter size, you need to set Scan Size to Letter. If you do not, the side portion of the faxes will be missing.

- 1 Press  (**Fax**).
- 2 Press **▲** or **▼** to choose **Scan Size**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Letter**. Press **OK**.



Note

You can save the setting you use most often by setting it as default. (See page 38.)

Colour fax transmission

Your machine can send a colour fax to machines that support this feature.

Colour faxes cannot be stored in the memory. When you send a colour fax, the machine will send it in real time (even if **Real Time TX** is set to **Off**).

Cancelling a fax in progress

If you want to cancel a fax while the machine is scanning, dialling or sending, press **Stop/Exit**.

Broadcasting (Monochrome only)

Broadcasting is when the same fax message is automatically sent to more than one fax number. You can include Groups, Speed-Dial numbers and up to 50 manually dialed numbers in the same broadcast. (See *Setting up groups for broadcasting* on page 60.)

After the broadcast is finished, a Broadcast Report will be printed.

- 1 Press  (Fax).
- 2 Load your document.
- 3 Press ▲ or ▼ to choose *Broadcasting*.
Press **OK**.
- 4 Press ▲ or ▼ to choose *Add Number*.
Press **OK**.
- 5 Enter a number using Speed-Dial, a Group, or the dial pad.
Press **OK**.
- 6 Repeat steps 4 and 5 to enter more fax numbers, and then press ▲ or ▼ to choose *Complete*.
Press **OK**.
- 7 Press **Mono Start**.



Note

- If you did not use up any of the numbers for Groups or access codes or credit card numbers, you can 'broadcast' faxes to as many as 210 different numbers.
 - The available memory will vary depending on the types of jobs in the memory and the number of locations used for broadcasting. If you broadcast to the maximum numbers available, you will not be able to use dual access and delayed fax.
 - Enter the long dialling sequence numbers as you would normally, but remember that each Speed-Dial number counts as one number, so the number of locations you can store becomes limited. (See *Combining Quick-Dial numbers* on page 61.)
 - If the memory is full, press **Stop/Exit** to stop the job. If more than one page has been scanned, press **Mono Start** to send the portion that is in the memory.
-

Canceling a Broadcast in progress

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose **Remaining Jobs**.
Press **OK**.
The LCD will show the fax number being dialed and the Broadcast job number.
- 4 Press **OK**.
The LCD will ask you the following message:
Cancel Job?
Yes→Press **1**
No→Press **2**
- 5 Press **1** to clear the number being dialed.
The LCD will then show the Broadcast job number.
- 6 Press **OK**.
The LCD will ask you the following message:
Cancel Job?
Yes→Press **1**
No→Press **2**
- 7 Press **1** to cancel the Broadcast.
- 8 Press **Stop/Exit**.

Additional sending operations

Sending faxes using multiple settings

When you send a fax you can choose any combination of these settings: resolution, contrast, overseas mode, delayed fax timer, polling transmission and real time transmission.

- 1 Press  (**Fax**).
The LCD shows:



- 2 Press **▲** or **▼** to choose any settings you want to change.
Press **OK**.
- 3 After each setting is accepted, you can continue to change more settings.



Note

- Most settings are temporary and the machine returns to its default settings after you send a fax.
- You can save some of the settings you use most often by setting them as default. These settings will stay until you change them again. (See *Setting your changes as a new default* on page 38.)

Contrast

If your document is very light or very dark, you may want to change the contrast. For most documents the factory setting **Auto** can be used. It automatically chooses the suitable contrast for your document.

Use **Light** when sending a light document.

Use **Dark** when sending a dark document.

- 1 Press  (**Fax**).
- 2 Press ▲ or ▼ to choose **Contrast**. Press **OK**.
- 3 Press ▲ or ▼ to choose **Auto**, **Light** or **Dark**. Press **OK**.



Note

Even if you choose **Light** or **Dark**, the machine will send the fax using the **Auto** setting in any of the following conditions:

- When you send a colour fax.
- When you choose **Photo** as the Fax Resolution.

Changing fax resolution

The quality of a fax can be improved by changing the fax resolution.

- 1 Press  (**Fax**).
- 2 Press ▲ or ▼ to choose Fax Resolution. Press **OK**.
- 3 Press ▲ or ▼ to choose the resolution you want. Press **OK**.



Note

- You can choose four different resolution settings for monochrome faxes and two for colour.

Monochrome	
Standard	Suitable for most typed documents.
Fine	Good for small print and transmits a little slower than Standard resolution.
S. Fine	Good for small print or artwork and transmits slower than Fine resolution.
Photo	Use when the document has varying shades of grey or is a photograph. This has the slowest transmission.

Colour	
Standard	Suitable for most typed documents.
Fine	Use when the document is a photograph. The transmission time is slower than Standard resolution.

If you choose **S. Fine** or **Photo** and then use the **Colour Start** key to send a fax, the machine will send the fax using the **Fine** setting.

- The time to send will increase when selecting **S. Fine** or **Photo**.

Dual access (Monochrome only)

You can dial a number and start scanning the fax into memory—even when the machine is sending from memory, receiving faxes or printing PC data. The LCD shows the new job number and available memory.

The number of pages you can scan into the memory will vary depending on the data that is printed on them.



Note

If the **Out of Memory** message appears while scanning documents, press **Stop/Exit** to cancel or **Mono Start** to send the pages scanned so far.

Real time transmission

When you are sending a fax, the machine will scan the documents into the memory before sending. Then, as soon as the phone line is free, the machine will start dialling and sending.

If the memory is full, the machine will send the document in real time (even if **Real Time TX** is set to **Off**).

Sometimes, you may want to send an important document immediately, without waiting for memory transmission. You can turn on **Real Time TX**.

To send a document at once without waiting for memory transmission, set **Real Time TX** to **On**.

- 1 Press  (**Fax**).
- 2 Press **▲** or **▼** to choose **Real Time TX**. Press **OK**.
- 3 Press **▲** or **▼** to choose **On**. Press **OK**.



Note

- In real time transmission, the automatic redial feature does not work when using the scanner glass.
- If you are sending a colour fax, the machine will send it in real time (even if **Real Time TX** is set to **Off**).

Overseas Mode

If you are having difficulty sending a fax overseas due to possible interference on the phone line, we recommend that you turn on the Overseas mode. After you send a fax using this feature, the feature will turn itself off.

- 1 Press  (**Fax**).
- 2 Load your document.
- 3 Press **▲** or **▼** to choose **Overseas Mode**. Press **OK**.
- 4 Press **▲** or **▼** to choose **On** (or **Off**). Press **OK**.

Delayed Faxing (Monochrome only)

During the day you can store up to 50 faxes in the memory to be sent within 24-hours. These faxes will be sent at the time of day you enter in step 5.

- 1 Press  (**Fax**).
- 2 Load your document.
- 3 Press **▲** or **▼** to choose **Delayed Fax**. Press **OK**.
- 4 Press **▲** or **▼** to choose **On**. Press **OK**.

- 5 Enter the time you want the fax to be sent (in 24-hour format). (For example, enter 19:45 for 7:45 PM.) Press **OK**.

**Note**

The number of pages you can scan into the memory depends on the amount of data that is printed on each page.

Delayed Batch Transmission (Monochrome only)

Before sending the delayed faxes, your machine will help you economize by sorting all the faxes in the memory by destination and scheduled time. All delayed faxes that are scheduled to be sent at the same time to the same fax number will be sent as one fax to save transmission time.

- 1 Press  (**Fax**).
- 2 Press **▲** or **▼** to choose `Batch TX`. Press **OK**.
- 3 Press **▲** or **▼** to choose `On` (or `Off`). Press **OK**.
- 4 Press **Stop/Exit**.

Checking and cancelling waiting jobs

You can check which jobs are still waiting in the memory to be sent and cancel a job. (If there are no jobs, the LCD shows `No Jobs Waiting`.)

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose `Fax`. Press **OK**.
- 3 Press **▲** or **▼** to choose `Remaining Jobs`. Press **OK**. Any waiting jobs appear on the LCD.

- 4 Press **▲** or **▼** to scroll through the jobs and choose the job you want to cancel. Press **OK**.
- 5 Do one of the following:
 - To cancel, press **1** to choose `Yes`. If you want to cancel another job go to step 4.
 - To exit without cancelling, press **2** to choose `No`.
- 6 When you have finished, press **Stop/Exit**.

Setting your changes as a new default

You can save the fax settings for `Fax Resolution`, `Contrast`, `Real Time TX` and `Scan Size` you use most often by setting them the default setting. These settings will stay until you change them again.

- 1 Press  (**Fax**).
- 2 Press **▲** or **▼** to choose your new setting. Press **OK**. Repeat this step for each setting you want to change.
- 3 After changing the last setting, press **▲** or **▼** to choose `Set New Default`. Press **OK**.
- 4 Press **1** to choose `Yes`.
- 5 Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

- 1 Press  (**Fax**).
- 2 Press ▲ or ▼ to choose **Factory Reset**. Press **OK**.
- 3 Press **1** to choose **Yes**.
- 4 Press **Stop/Exit**.

Sending a fax manually

Manual transmission lets you hear the dialling, ringing and fax-receiving tones while sending a fax.

- 1 Press  (**Fax**).
- 2 Load your document.
- 3 Pick up the handset of an external phone or the machine and listen for a dial tone.
You can also press **Hook** or **Speaker Phone** and listen for a dial tone.
- 4 Dial the fax number you want to call. If you pressed **Hook** or **Speaker Phone**, dial using the machine's dial pad. If you picked up the external handset, dial on the external phone.
- 5 When you hear the fax tone, press **Mono Start** or **Colour Start**.
- 6 If you picked up the handset replace it.

Sending a fax at the end of a conversation

When you dial the number to have a conversation, you can send a fax to the other party before you both hang up.

- 1 Ask the other party to wait for fax tones (beeps) and then to press the **Start** or **Start** key before hanging up.
- 2 Press  (**Fax**).
- 3 Load your document.
- 4 Press **Mono Start** or **Colour Start**.
- 5 Replace the handset.

Out of Memory message

If you get an **Out of Memory** message while scanning the first page of a fax, press **Stop/Exit** to cancel the fax.

If you get an **Out of Memory** message while scanning a subsequent page, you will have the option to press **Mono Start** to send the pages scanned so far, or to press **Stop/Exit** to cancel the operation.



Note

If you get an **Out of Memory** message while faxing and you do not want to delete your stored faxes to clear the memory, you can send the fax in real time. (See *Real time transmission* on page 37.)

6

Receiving a Fax

Receive modes

You must choose the receive mode depending on the external devices and telephone services you have about your line.

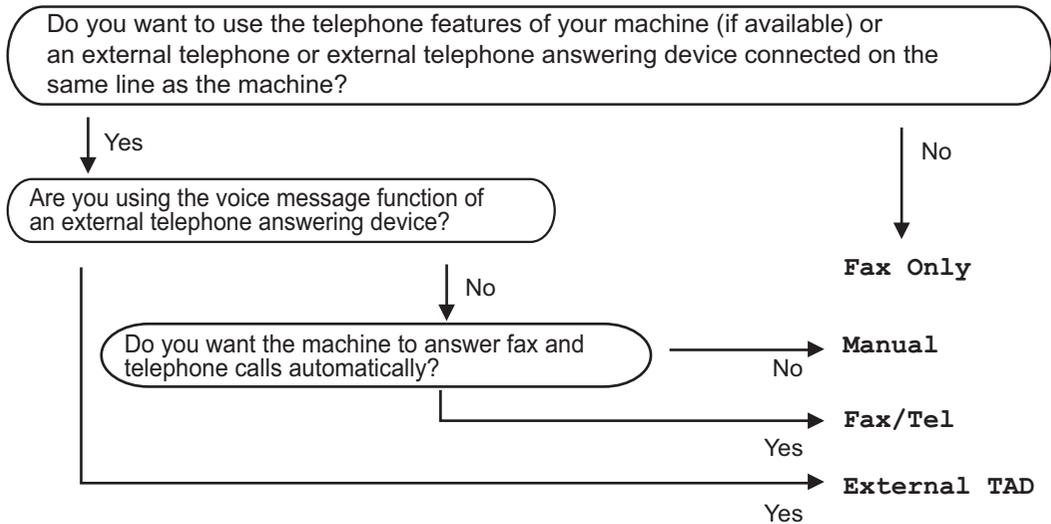
Choosing the Receive Mode

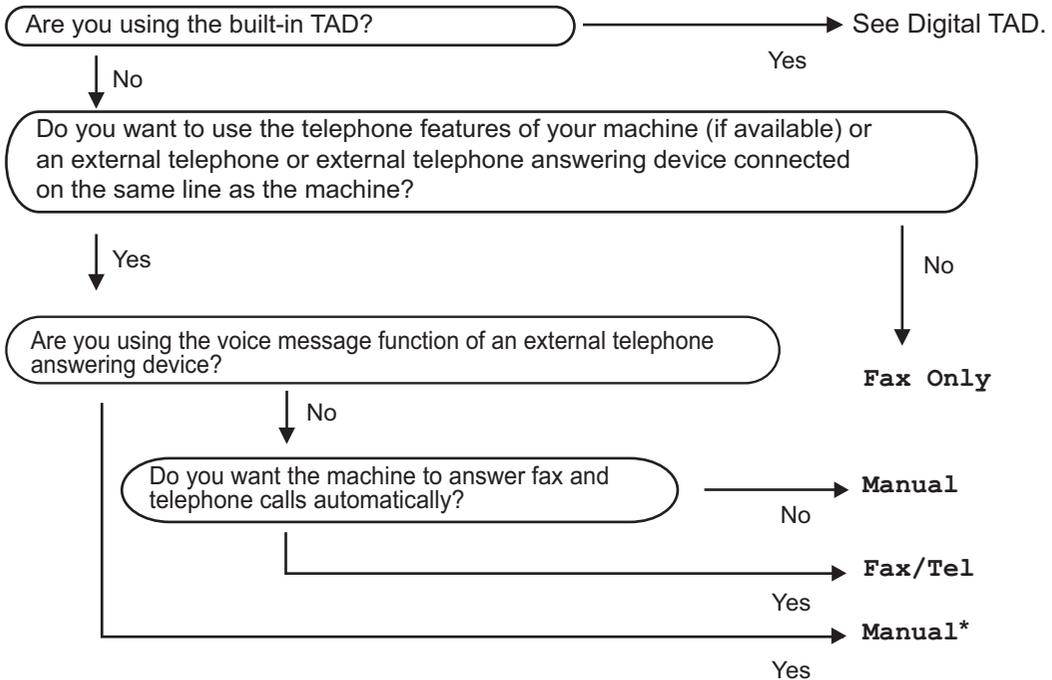
By default, your machine will automatically receive any faxes that are sent to it.

The following diagrams will help you choose the correct mode.

For more detailed information on the receive modes see page 42.

MFC-440CN



MFC-665CW

* We recommend you set **Fax Detect** to **On**.

To set a receive mode follow the instructions below.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Initial Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Receive Mode**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Fax Only**, **Fax/Tel**, **External TAD** (MFC-440CN only) or **Manual**. Press **OK**.
- 5 Press **Stop/Exit**.

The LCD will display the current receive mode.

Using receive modes

Some receive modes answer faxes automatically (Fax Only and Fax/Tel). You may want to change the ring delay before using these modes. See *Ring Delay* on page 43.

Fax only

Fax only mode will automatically answer every call as a fax call. If the call is a fax your machine will receive it.

Fax/Tel

Fax/Tel mode helps you automatically manage incoming calls, by recognising whether they are fax or voice calls and dealing with them in one of the following ways:

- Faxes will be automatically received.
- Voice calls will start the F/T ring to tell you to pick up the line. The F/T ring is a fast double ring made by your machine.
- Use this mode if you receive few voice calls.

Also see *F/T Ring Time (Fax/Tel mode only)* on page 43 and *Ring Delay* on page 43.

Manual

Manual mode turns off all automatic answering functions unless you are using an external TAD with the MFC-665CW.

To receive a fax in manual mode press **Mono Start** or **Colour Start** when you hear fax tones (short repeating beeps). You can also use the Fax Detect feature to receive faxes by lifting a handset on the same line as the machine.

Also see *Fax Detect* on page 44.

If you use a computer modem or the same line, Faxing will not operate correctly.

TAD (Message Center) (MFC-665CW only)

TAD(Message Center) helps you automatically manage incoming calls, by recognising whether they are fax or voice calls and dealing with them in one of the following ways:

- Faxes will be automatically received.
- Voice callers can record a message.

To set up the TAD mode see page 63.

	If TAD Mode is On, it will override your receive mode setting. The screen shows MC.
	If TAD Mode is Off, the receive mode returns to your original setting. (See <i>TAD-Mode for internal TAD</i> on page 63.)

External TAD (MFC-440CN only)

External TAD mode lets an external answering device manage your incoming calls. Incoming calls will be dealt with in one of the following ways:

- Faxes will be automatically received.
- Voice callers can record a message on the external TAD.

For more information see *Connecting an external TAD (telephone answering device)* on page 51.

Receive mode settings

Ring Delay

The Ring Delay sets the number of times the machine rings before it answers in **Fax Only** or **Fax/Tel** mode. If you have external or extension phones on the same line as the machine, choose the maximum number of rings.

(See *Connecting an external or extension telephone* on page 53 and *Fax Detect* on page 44.)

If toll saver is **on**, then the ring delay setting has no effect. See *Setting toll saver* on page 66. (MFC-665CW only)

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Receive**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Ring Delay**. Press **OK**.



Note

MFC-440CN go to step 6.

- 5 Press **▲** or **▼** to choose **Ring Delay**. Press **OK**.
- 6 Press **▲** or **▼** to choose how many times the line rings before the machine answers. Press **OK**.
If you choose 0, the line will not ring at all.
- 7 Press **Stop/Exit**.

F/T Ring Time (Fax/Tel mode only)

If you set the Receive Mode to **Fax/Tel**, you need to decide how long the machine will signal you with its special pseudo/double-ring when you have a voice call. If it's a fax call, the machine receives the fax.

This pseudo/double-ring happens after the initial ringing from the phone company. Only the machine rings and no other phones on the same line will ring with the special pseudo/double-ring. However, you can still answer the call on any telephone.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Receive**. Press **OK**.
- 4 Press **▲** or **▼** to choose **F/T Ring Time**. Press **OK**.
- 5 Press **▲** or **▼** to choose how long the machine will ring to alert you that you have a voice call. Press **OK**.
- 6 Press **Stop/Exit**.



Note

Even if the caller hangs up during the pseudo/double-ringing, the machine will continue to ring for the set time.

Fax Detect

If Fax Detect is On:

The machine receives fax calls automatically, even if you lift the machine's handset, press **Speaker Phone**, or lift the handset of an extension or external phone. When you see *Receiving* on the LCD or when you hear 'chirps' through the handset of an extension phone connected to another wall socket/phone socket, just replace the handset or press **Speaker Phone** and your machine will do the rest.

If Fax Detect is Semi: (MFC-665CW only)

The machine will only receive the fax call if you answered it using the machine's handset, or pressing **Speaker Phone**.

If Fax Detect is Off:

When you hear a fax tone through the handset or the speaker phone on the machine, you have to press **Mono Start** or **Colour Start** on the machine.

If you are not at your machine, press * 5 1 on the extension phone. (See *Connecting an external or extension telephone* on page 53.)

Note

- If this feature is set to *On*, but your machine does not connect a fax call when you lift an extension or external phone handset, press the fax receive code * 5 1. At the machine, press **Mono Start** or **Colour Start**.
 - If you send faxes from a computer on the same phone line and the machine intercepts them, set Fax Detect to *Off*.
-

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *Fax*. Press **OK**.
- 3 Press ▲ or ▼ to choose *Setup Receive*. Press **OK**.
- 4 Press ▲ or ▼ to choose *Fax Detect*. Press **OK**.
- 5 Press ▲ or ▼ to choose *On, Semi (or Off)*. Press **OK**.



Note

Semi is not available for MFC-440CN.

- 6 Press **Stop/Exit**.

Additional receiving operations

Printing a reduced incoming fax

If you choose **On**, the machine automatically reduces each page of an incoming fax to fit on one page of A4, Letter, Legal size paper. The machine calculates the reduction ratio by using the page size of the fax and your Paper Size setting (See *Paper Size* on page 23).

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Receive**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Auto Reduction**. Press **OK**.
- 5 Press **▲** or **▼** to choose **On** (or **Off**). Press **OK**.
- 6 Press **Stop/Exit**.

Receiving faxes into memory

This feature is only available for monochrome faxes.

As soon as the paper tray becomes empty during fax reception, the LCD shows **No Paper Fed**; put some paper in the paper tray. (See *Loading paper and other media* on page 15.) If you are unable to put paper in the paper tray the following will happen:

If Memory Receive is On:

The machine will carry on receiving the fax, with the remaining pages being stored in memory, if enough memory is available. Further incoming faxes will also be stored into memory until the memory is full. When the memory is full the machine will stop automatically answering calls. To print the faxes, put fresh paper in the tray.

If Memory Receive is Off:

The machine will carry on receiving the fax, with the remaining pages being stored in memory if enough memory is available. The machine will then stop automatically answering calls until fresh paper is put in the paper tray. To print the last fax you received, put fresh paper in the tray.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Receive**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Memory Receive**. Press **OK**.
- 5 Press **▲** or **▼** to choose **On** (or **Off**). Press **OK**.
- 6 Press **Stop/Exit**.

Receiving a fax at the end of a conversation (MFC-665CW only)

When you answer the other party's call to have a conversation, you can ask the other party to send you a fax before you both hang up.

- 1 Ask the other person to place the document in their machine and to press the **Start** or **Start** key.
- 2 When you hear the other machine's CNG tones (slowly repeating beeps), press **Mono Start** or **Colour Start**.
- 3 Replace the handset.

Printing a fax from the memory

If you have chosen fax storage, you can still print a fax from the memory when you are at your machine. (See *Fax Storage* on page 69.)

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Advanced Fax Operation**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Print Document**. Press **OK**.
- 5 Press **Mono Start**.

Voice operations

Voice calls can be made either with the handset, the speaker phone, an extension or external telephone, by dialling manually, or by using Quick-Dial numbers.

Making a telephone call (MFC-665CW only)

- 1 To start a voice call, pick up the handset or press **Speaker Phone**.
- 2 When you hear the dial tone, enter a number using the dial pad, Speed-Dial and Search.
- 3 (*Speaker phone*) speak clearly toward the microphone .
- 4 To hang up, replace the handset or press **Speaker Phone**.

Answering calls with the Speaker Phone (MFC-665CW only)

When the machine rings, instead of lifting the handset, press **Speaker Phone**. Speak clearly toward the microphone . To end the call, press **Speaker Phone**.



Note

If you have a bad connection, your caller might hear your voice echoed during the call. If you experience this problem, pick up the handset, or hang up and try the call again.

Hold (MFC-665CW only)

If you want to put a call on hold, press **Erase/Hold**. To release the call from hold press **Speaker Phone** or pick up the machine's handset. Picking up an extension handset will *not* release the call from hold.

Tone or Pulse

If you have a Pulse dialling service, but need to send Tone signals (for example, for telephone banking), follow the instructions below:

- 1 For MFC-440CN, pick up the handset of the external phone or press **Hook**. For MFC-665CW, pick up the handset or press **Speaker Phone**.
- 2 Press **#** on the machine's control panel. Any digits dialled after this will send tone signals.

When you hang up, the machine will return to the Pulse dialling service.

Fax/Tel mode

When the machine is in Fax/Tel mode, it will use the F/T Ring Time (pseudo/double-ringing) to alert you to pick up a voice call.

(For MFC-665CW) If you are at the machine, you can lift the handset or press **Speaker Phone** to answer.

(For MFC-440CN) Lift the external telephone's handset, and then press **Hook** on the machine to answer.

Fax/Tel mode in Power Save condition

(For MFC-440CN)

Fax/Tel mode does not work in the power save condition. The machine will not answer telephone or fax calls and will keep ringing. If you are at an external or extension phone, lift the handset and talk. If you hear fax tones, hold the handset until Fax Detect activates your machine. If the other party says they want to send you a fax, activate the machine by pressing ✕ 5 1.

(MFC-665CW only)

When the machine is in Fax/Tel mode and F/T rings to tell you to pick up a voice call, you can only answer by picking up the machine's handset.

If you answer before the machine F/T rings, you can also pick up the call at an external or extension phone.

Phone line services

Your machine supports the Caller ID subscriber telephone service that some telephone companies offer.

Features like Voice Mail, Call Waiting, Call Waiting/Caller ID, RingMaster, answering services, alarm systems or other custom features on one phone line may create problems with the operation of your machine.

Do you have Voice Mail?

If you have Voice Mail on the phone line that you will install your new machine on, *there is a strong possibility that Voice Mail and the machine will conflict with each other while receiving incoming calls.* **However, the Distinctive Ring feature allows you to use more than one number on your line, so both Voice Mail and the machine can work together without any problems.** If each one has a separate phone number, neither will interfere with the other's operations.

If you decide to get the Distinctive Ring service from the telephone company, you will need to follow the directions on next page to 'register' the new Distinctive Ring pattern they give you. This is so your machine can recognise its incoming calls.

Telephone Service (MFC-665CW only)

The caller ID feature of this machine lets you use the caller ID subscriber service offered by certain telephone companies.

Caller ID (Caller Identification) (not available in certain area)

The Caller ID is a telephone service that allows the subscriber to see a display of the caller's phone number as the telephone rings. It is a fast way to screen your calls. You can respond quickly to calls you missed, because caller IDs are received and stored in your fax machine memory. Besides the standard Caller ID feature, you can also select a single caller's phone number and call back.



Note

- To get the Caller ID service, you have to apply for it at your local telephone company.
- FSK and DTMF are the two modes for displaying your calls.
The default mode of this machine is FSK.
Please ask your local telephone company for whether your mode is FSK or DTMF.
If your local telephone company uses DTMF mode, please switch your mode as follows. Contact your local telephone company or Brother dealer in the case that the feature does not work normally.
Caller ID feature is not available in the following situation:
 - 1 You have not applied for it at your local telephone company.
 - 2 The fax machine is connected to an internal switchboard or other switch device.

- 3 Due to the switchboard problems or line problems of local telephone companies, the feature may not work in some areas.

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls.

For Home

Residential customers can protect themselves from unwanted calls.

Setup Method

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**.
Press **OK**.
- 4 Press **▲** or **▼** to choose **Caller ID Type**.
Press **OK**.
- 5 Press **▲** or **▼** to choose **FSK** or **DTMF**.
Press **OK**.
- 6 Press **Stop/Exit**.

Caller ID feature

The Caller ID feature of this machine lets you use the Caller ID subscriber service offered by many local phone companies. This service provides you, by means of the screen display, the telephone number (or name) of your caller as the line rings. (See *Printing Caller ID List* on page 51.)

After a few rings, the screen displays the telephone number of your caller (or name, if available). Once you answer the call, the Caller ID information disappears from the screen, but the call information remains stored in the Caller ID memory.

- You will see the first 16 characters of the number or name.
- # **Unavailable** display means call originates outside your Caller ID service area.
- # **Withheld** display means the caller has intentionally blocked transmission of information.

Note

You can print a list of Caller ID information received by your machine.

Caller ID service varies with different carriers. Call your local phone company to determine the kind of service available in your area.

Viewing Caller ID List

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Caller ID**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Display#**. Press **OK**.
The Caller ID list will appear on the display. If no ID is stored, the beeper will sound and **No Caller ID** will appear on the display.
- 6 Press **▲** or **▼** to scroll through the Caller ID memory.
The LCD shows the caller's name or number, the date, and time of the call.
- 7 To finish viewing, press **Stop/Exit**.

Note

You can also view the Caller ID list by pressing  (**Fax**). (See *Caller ID history* on page 57.)

Printing Caller ID List

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Caller ID**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Print Report**. Press **OK**.
If no ID is stored, the beeper will sound and **No Caller ID** will appear on the LCD.
- 6 Press **Mono Start** or **Colour Start**.
- 7 When the printing has finished, press **Stop/Exit**.

Connecting an external TAD (telephone answering device)

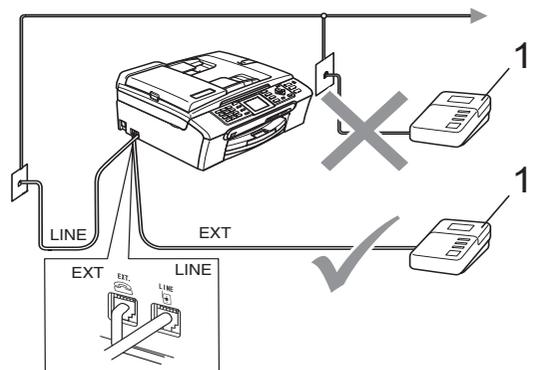
You may choose to connect an external answering device. However, when you have an **external TAD** on the same telephone line as the machine, the TAD answers all calls and the machine 'listens' for fax calling (CNG) tones. If it hears them, the machine takes over the call and receives the fax. If it does not hear CNG tones, the machine lets the TAD continue playing your outgoing message so your caller can leave you a voice message.

The TAD must answer within two rings. The machine cannot hear CNG tones until the TAD has answered the call, and with four rings there are only 8 to 10 seconds of CNG tones left for the fax 'handshake'. Make sure you carefully follow the instructions in this guide for recording your outgoing message. We do not recommend using the toll saver feature on your external answering machine if it exceeds five rings.



Note

If you do not receive all your faxes, cut the Ring Delay setting on your external TAD.



1 TAD

When the TAD answers a call, the LCD shows *Telephone* (MFC-440CN only) or *Ext. Tel in Use* (MFC-665CW only).

Improper Setup

Do not connect a TAD elsewhere on the same phone line.

Connections

The external TAD must be connected as shown in the previous illustration.

- 1 Set your external TAD to one or two rings. (The machine's Ring Delay setting does not apply.)
- 2 Record the outgoing message on your external TAD.
- 3 Set the TAD to answer calls.
- 4 Do one of the following:
 - (For MFC-440CN)
Set the Receive Mode to *External TAD*.
 - (For MFC-665CW)
Set the Receive Mode to *Manual*.
 (See *Choosing the Receive Mode* on page 40.)

Recording outgoing message (OGM) on an external TAD

Timing is important in recording this message. The message sets up the ways to handle both manual and automatic fax reception.

- 1 Record 5 seconds of silence at the beginning of your message. (This allows your machine time to listen for the fax CNG tones of automatic transmissions before they stop.)
- 2 Limit your speaking to 20 seconds.

Note

We recommend beginning your OGM with an initial 5-second silence because the machine cannot hear fax tones over a resonant or loud voice. You may try omitting this pause, but if your machine has trouble receiving, then you must re-record the OGM to include it.

Multi-line connections (PBX)

We suggest you ask the company who installed your PBX to connect your machine. If you have a multi line system we suggest you ask the installer to connect the unit to the last line on the system. This prevents the machine being activated each time the system receives telephone calls. If all incoming calls will be answered by a switchboard operator we recommend that you set the Receive Mode to *Manual*.

We cannot guarantee that your machine will operate properly under all circumstances when connected to a PBX. Any difficulties with sending or receiving faxes should be reported first to the company who handles your PBX.

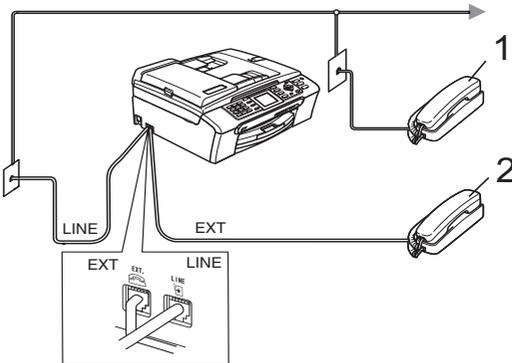
If you are installing the machine to work with a PBX

- 1 It is not guaranteed that the unit will work properly under all circumstances with a PBX. Report any cases of problems first to the company that handles your PBX.
- 2 If all incoming calls will be answered by a switchboard operator, we recommend setting the Receive Mode to *Manual*. All incoming calls should at first be regarded as telephone calls.

External and extension phones

Connecting an external or extension telephone

You can connect a separate telephone to your machine as shown in the diagram below.



1 Extension telephone

2 External telephone

When you are using an external or extension phone, the LCD shows *Telephone* (MFC-440CN only) or *Ext. Tel in Use* (MFC-665CW only).

Operation from extension telephones

If you answer a fax call on an extension or an external telephone plugged into the correct socket on the machine, you can make your machine take the call by using the Fax Receive Code. When you press the Fax Receive Code **✳ 5 1**, the machine starts to receive the fax.

If the machine answers a voice call and pseudo/double-rings for you to take over, use the Telephone Answer Code **# 5 1** to take the call at an extension phone. (See *F/T Ring Time (Fax/Tel mode only)* on page 43.)

If you answer a call and no one is on the line:

You should assume that you're receiving a manual fax.

Press **✳ 5 1** and wait for the chirp or until the LCD shows *Receiving*, and then hang up.



Note

You can also use the Fax Detect feature to make your machine automatically take the call. (See *Fax Detect* on page 44)

Using a cordless external telephone

If your cordless telephone is connected to the telephone line cord (See *External and extension phones* on page 53.) and you typically carry the cordless handset elsewhere, it is easier to answer calls during the Ring Delay.

If you let the machine answer first, you will have to go to the machine so you can press **Hook** or **Speaker Phone** to send the call to the cordless handset.

Using remote codes

Fax receive code

If you answer a fax call on an extension or external telephone, you can tell your machine to receive it by dialling the fax receive code **✳ 5 1**. Wait for the chirping sounds then replace the handset. See *Fax Detect* on page 44. Your caller will have to press **Start** to send the fax.

Telephone answer code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T (double) ring after the initial ring delay. If you pick up the call on an extension phone you can turn the F/T ring off by pressing **# 5 1** (make sure you press this *between* the rings).

Changing the remote codes

If you want to use Remote Activation, you have to turn on the remote codes. The preset Fax Receive Code is *** 5 1**. The preset Telephone Answer Code is **# 5 1**. If you want to, you can replace them with your own codes.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Receive**.
Press **OK**.
- 4 Press **▲** or **▼** to choose **Remote Codes**.
Press **OK**.
- 5 Press **▲** or **▼** to choose **On (or Off)**.
Press **OK**.
- 6 Enter the new Fax Receive Code.
Press **OK**.
- 7 Enter the new Telephone Answer Code.
Press **OK**.
- 8 Press **Stop/Exit**.



Note

- If you are always disconnected when accessing your external TAD remotely, try changing the Fax Receive Code and Telephone Answer Code to another three-digit code using the numbers **0-9**, *****, **#**.
- Remote Codes might not work with some telephone systems.

How to Dial

Manual dialling

Press all of the digits of the fax or telephone number.



Speed-Dialling

- 1 Press **Search/Speed Dial**.

MFC-440CN



MFC-665CW



You can also choose Speed-Dial by pressing  (**Fax**).

- 2 Press the two-digit Speed-Dial number. (See *Storing Speed-Dial numbers* on page 57.)

- 3 If you have two numbers in the location, press **▲** or **▼** to choose the number you want to call. Press **OK**.



Note

If the LCD shows **Not Registered** when you enter a Speed-Dial number, a number has not been stored at this location.

Search

You can search for names you have stored in the Speed-Dial memory.

- 1 Press **Search/Speed Dial**. You can also choose Speed-Dial by pressing  (**Fax**).
- 2 Press **▲** or **▼** to choose **Alphabetical Order** or **Numerical Order**. Press **OK**.



Note

- Press ***** to make the LCD font size larger.
- Press **#** to make the LCD font size smaller.

- 3 If you chose **Alphabetical Order** in step 2, use the dial pad to enter the first letter of the name, and then press **▲** or **▼** to choose the name and number you want to call. Press **OK**.

Fax Redial

If you are sending a fax manually and the line is busy, press **Redial/Pause**, and then press **Mono Start** or **Colour Start** to try again. If you want to make a second call to a number you recently dialled, you can press **Redial/Pause** and choose one of the last 30 numbers from the Outgoing Call List.

Redial/Pause only works if you dialled from the control panel. *If you are sending a fax automatically* and the line is busy, the machine will automatically redial up to three times at five minutes interval.

- 1 Press **Redial/Pause**.
- 2 Press ▲ or ▼ to choose the number you want to redial.
Press **OK**.
- 3 Press ▲ or ▼ to choose **Send a Fax**.
Press **OK**.
- 4 Press **Mono Start** or **Colour Start**.



Note

In Manual Transmission the automatic redial feature does not work when using the scanner glass.

Outgoing Call

The last 30 numbers you telephoned (MFC-665CW only) or sent a fax to will be stored in the outgoing call history. You can choose one of these numbers to telephone (MFC-665CW only), fax to, add to Speed-Dial, or delete from the history.

- 1 Press **Redial/Pause**.
You can also choose **Outgoing Call** by pressing  (**Fax**).
- 2 Press ▲ or ▼ to choose the number you want to call.
Press **OK**.
- 3 Do one of the following:
 - (MFC-665CW only)
To make a phone call, press ▲ or ▼ to choose **Make a Phone Call**.
Press **OK**.
 - To send a fax, press ▲ or ▼ to choose **Send a Fax**.
Press **OK**.
 - If you want to store the number, press ▲ or ▼ to choose **Add to Speed-Dial**.
Press **OK**.
(See *Storing Speed-Dial numbers from Outgoing Calls* on page 58.)
 - Press ▲ or ▼ to choose **Delete**.
Press **OK**.
Then, confirm the Delete by pressing 1.

Caller ID history

This feature requires the Caller ID subscriber service offered by many local telephone companies.

The last 30 numbers of phone calls (MFC-665CW only) or faxes you received will be stored in the Caller ID history. You can choose one of these numbers to telephone (MFC-665CW only), fax to, add to Speed-Dial, or delete from the history.

- 1 Press  (**Fax**).
- 2 Press **▲** or **▼** to choose Caller ID hist..
Press **OK**.
- 3 Press **▲** or **▼** to choose the number you want to call.
Press **OK**.
- 4 Do one of the following:
 - (MFC-665CW only)
To make a phone call, press **▲** or **▼** to choose *Make a Phone Call*.
Press **OK**.
 - To send a fax, press **▲** or **▼** to choose *Send a Fax*.
Press **OK**.
 - If you want to store the number, press **▲** or **▼** to choose *Add to Speed-Dial*.
Press **OK**.
(See *Storing Speed-Dial numbers from Outgoing Calls* on page 58.)
 - Press **▲** or **▼** to choose *Delete*.
Press **OK**.
Then, confirm the Delete by pressing **1**.



Note

You can print the Caller ID list.(see *Printing Caller ID List* on page 51.)

Storing numbers

You can set up your machine to do the following types of easy dialling: Speed-Dial and Groups for broadcasting faxes. When you dial a Quick-Dial number, the LCD shows the name, if you stored it, or the number.



Note

If you lose electrical power, the Quick-Dial numbers that are in the memory will not be lost, because they are stored permanently.

Storing a pause

Press **Redial/Pause** to put a 3.5-second pause between numbers. If you are dialling overseas, you can press **Redial/Pause** as many times as needed to increase the length of the pause.

Storing Speed-Dial numbers

You can store up to 80 Speed-Dial locations with a name, and each name can have two numbers. When you dial you will only have to press a few keys (For example: **Search/Speed Dial**, the two-digit number, and **Mono Start** or **Colour Start**).

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *Fax*.
Press **OK**.
- 3 Press **▲** or **▼** to choose *Set Quick-Dial*.
Press **OK**.
- 4 Press **▲** or **▼** to choose *Speed-Dial*.
Press **OK**.
- 5 Press **▲** or **▼** to choose the 2-digit Speed-Dial location you want to store the number in.
Press **OK**.

- 6 Do one of the following:
 - Enter the name (up to 16 characters) using the dial pad.
Press **OK**.
(To help you enter letters, see *Entering Text* on page 158.)
 - To store the number without a name, press **OK**.
- 7 Enter the fax or telephone number (up to 20 digits).
Press **OK**.
- 8 Do one of the following:
 - Enter the second fax or telephone number (up to 20 digits).
Press **OK**.
 - If you do not want to store a second number, press **OK**.
- 9 Do one of the following:
 - To store another Speed-Dial number, go to step 6.
 - To finish the setting, press **Stop/Exit**.

Storing Speed-Dial numbers from Outgoing Calls

You can also store Speed-Dial numbers from the Outgoing Call history.

- 1 Press **Redial/Pause**.
You can also choose *Outgoing Call* by pressing  (**Fax**).
- 2 Press **▲** or **▼** to choose the name or number you want to store.
Press **OK**.
- 3 Press **▲** or **▼** to choose *Add to Speed-Dial*.
Press **OK**.
- 4 Press **▲** or **▼** to choose the 2-digit Speed-Dial location you want to store the number in.
Press **OK**.

- 5 Do one of the following:
 - Enter the name (up to 16 characters) using the dial pad.
Press **OK**.
(To help you enter letters, see *Entering Text* on page 158.)
 - To store the number without a name, press **OK**.
- 6 Press **OK** to confirm the fax or telephone number.
- 7 Do one of the following:
 - Enter the second fax or telephone number (up to 20 digits).
Press **OK**.
 - If you do not want to store a second number, press **OK**.
- 8 Press **Stop/Exit**.

Storing Speed-Dial numbers from the Caller ID history (MFC-665CW only)

If you have the Caller ID subscriber service from your telephone company you can also store Speed-Dial numbers from incoming calls in the Caller ID History. (See *Caller ID feature* on page 50.)

- 1 Press  (**Fax**).
- 2 Press **▲** or **▼** to choose *Caller ID hist..*
Press **OK**.
- 3 Press **▲** or **▼** to choose the number you want to store.
Press **OK**.
- 4 Press **▲** or **▼** to choose *Add to Speed-Dial*.
Press **OK**.
- 5 Press **▲** or **▼** to choose the 2-digit Speed-Dial location you want to store the number in.
Press **OK**.

- 6 Do one of the following:
 - Enter the name (up to 16 characters) using the dial pad.
Press **OK**.
(To help you enter letters, see *Entering Text* on page 158.)
 - To store the number without a name, press **OK** or use **Clear/Back** to delete the name, and then press **OK**.
- 7 Press **OK** to confirm the fax or telephone number.
- 8 Do one of the following:
 - Enter the second fax or telephone number (up to 20 digits).
Press **OK**
 - If you do not want to store a second number, press **OK**.
- 9 Press **Stop/Exit**.

Changing Speed-Dial names or numbers

You can change a Speed-Dial name or number that has already been stored.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *Fax*.
Press **OK**.
- 3 Press **▲** or **▼** to choose *Set Quick-Dial*.
Press **OK**.
- 4 Press **▲** or **▼** to choose *Speed-Dial*.
Press **OK**.
- 5 Press **▲** or **▼** to choose the 2-digit Speed-Dial location you want to change.
Press **OK**.
- 6 Do one of the following:
 - Press **▲** or **▼** to choose *Change*.
Press **OK**. Go to step 7.
 - Press **▲** or **▼** to choose *Delete*.
Press **OK**.

Then, confirm the Delete by pressing **1** and **Stop/Exit**.



Note

How to change the stored name or number:

If you want to change a character, press **◀** or **▶** to position the cursor under the character you want to change, and then press **Clear/Back**. Re-enter the character.

- 7 Do one of the following:
 - Enter the name (up to 16 characters) using the dial pad.
Press **OK**.
(See *Entering Text* on page 158.)
 - If you do not want to change the name, press **OK**.
- 8 Do one of the following:
 - Enter the new fax or telephone number (up to 20 digits).
Press **OK**.
 - If you do not want to change the number, press **OK**.
- 9 Do one of the following:
 - Enter the second new fax or telephone number (up to 20 digits).
Press **OK**.
 - If you do not want to change the number, press **OK**.
- 10 Press **Stop/Exit**.

Setting up groups for broadcasting

Groups, which can be stored on a Speed-Dial location, allow you to send the same fax message to many fax numbers by pressing only **Search/Speed Dial**, the two-digit location and **Mono Start**. First, you'll need to store each fax number in a Speed-Dial location. Then you can include them as numbers in the Group. Each Group uses up a Speed-Dial location. You can have up to six Groups, or you can assign up to 158 numbers in large Group if you have 2 numbers in each location.

(See *Storing Speed-Dial numbers* on page 57 and *Broadcasting (Monochrome only)* on page 34.)

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Set Quick-Dial**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Setup Groups**. Press **OK**.
- 5 Press **▲** or **▼** to choose **GROUP 1**, **GROUP 2**, **GROUP 3**, **GROUP 4**, **GROUP 5** or **GROUP 6** for the Group name where you will store the fax numbers. Press **OK**.
- 6 Press **▲** or **▼** to choose the 2-digit location where you want to add to the Group. Press **OK**.



Note

Please choose a Speed-Dial number that has not been used to store a number yet.

- 7 Press **▲** or **▼** to choose **Add Number**. Press **OK**.
- 8 Press **▲** or **▼** to choose the number you want to add. Press **OK**.
(See *Search* on page 55.)
- 9 After you have finished adding numbers by repeating steps 7 and 8, press **▲** or **▼** to choose **Complete**. Press **OK**.
- 10 Press **Stop/Exit**.



Note

You can print a list of all the Speed-Dial numbers. Group numbers will be marked in the **GROUP** column. (See *Reports* on page 79.)

Changing Group name

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Set Quick-Dial**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Setup Groups**. Press **OK**.
- 5 Press **▲** or **▼** to choose the Group name you want to change. Press **OK**.
- 6 Press **▲** or **▼** to choose **Change Group name**. Press **OK**.

**Note**

How to change the stored name or number:

If you want to change a character, press ◀ or ▶ to position the cursor under the character you want to change, and then press **Clear/Back**. Re-enter the character.

- 7 Enter the new name (up to 16 characters) using the dial pad. Press **OK**.
(See *Entering Text* on page 158. For example, type NEW CLIENTS).
- 8 Press ▲ or ▼ to choose *Complete*. Press **OK**.
- 9 Press **Stop/Exit**.

Deleting a Group

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *Fax*. Press **OK**.
- 3 Press ▲ or ▼ to choose *Set Quick-Dial*. Press **OK**.
- 4 Press ▲ or ▼ to choose *Setup Groups*. Press **OK**.
- 5 Press ▲ or ▼ to choose the Group you want to delete. Press **OK**.
- 6 Press ▲ or ▼ to choose *Delete*. Press **OK**.
Then, confirm the Delete by pressing 1.
- 7 Press ▲ or ▼ to choose *Complete*. Press **OK**.
- 8 Press **Stop/Exit**.

Deleting a number from a Group

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *Fax*. Press **OK**.
- 3 Press ▲ or ▼ to choose *Set Quick-Dial*. Press **OK**.
- 4 Press ▲ or ▼ to choose *Setup Groups*. Press **OK**.
- 5 Press ▲ or ▼ to choose the Group you want to change. Press **OK**.
- 6 Press ▲ or ▼ to choose the number you want to delete. Press **OK**.
Then, confirm the Delete by pressing 1.
- 7 Press ▲ or ▼ to choose *Complete*. Press **OK**.
- 8 Press **Stop/Exit**.

Combining Quick-Dial numbers

Sometimes you may want to choose from several long distance carriers when you make a call. Rates may vary depending on the time and destination. To take advantage of low rates, you can store the access codes or long-distance carriers and credit card numbers as Speed-Dial numbers. You can store these long dialling sequences by dividing them and setting them up as separate Speed-Dial numbers in any combination. You can even include manual dialling using the dial pad. (See *Storing Speed-Dial numbers* on page 57.)

For example, you have stored '555' on Speed-Dial: 03 and '7000' on Speed-Dial: 02.

1 Press **Search/Speed Dial**.

2 Enter **03**.



Note

If you stored 2 numbers in one Speed-Dial location, you will be asked which number you want to send to.

3 Press **▲** or **▼** to choose Speed-Dial.
Press **OK**.

4 Enter **02**.

5 Press **Mono Start** or **Colour Start**.
You will dial '555-7000'.

To temporarily change a number, you can substitute part of the number with manual dialling using the dial pad. For example, to change the number to 555-7001 you could press **Search/Speed Dial**, **03** and then press **7001** using the dial pad.



Note

If you must wait for another dial tone or signal at any point in the dialling sequence, create a pause in the number by pressing **Redial/Pause**. Each key press adds a 3.5-second delay.

TAD-Mode for internal TAD

The TAD (Telephone Answering Device) feature will store up to 99 incoming voice or fax messages. Messages are stored in the order in which they are received.

Voice messages can be up to 3 minutes in length, and can also be picked up remotely (see *Using your Remote Access Code* on page 74). The number of messages you can store will depend on how much memory is being used by other features (for example, delayed and stored faxes).

Setting up the TAD

Recording the TAD outgoing message is the first step you need to follow before you can use the TAD feature.

To enter TAD mode, follow the steps below:

- 1 Record your TAD OGM.
- 2 Press  to activate the TAD mode.

Outgoing message (OGM)

Recording your OGM

You can record the following two different types of OGM:

■ Msg Ctr OGM

This message will be played when a voice call is received in TAD mode. The caller will be able to leave a voice or fax message.

■ F/T OGM

This message is played when a call is received and your machine is set to Fax/Tel mode. The caller will not be able to leave a message. See *Fax/Tel OGM* on page 64.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Msg Ctr**. Press **OK**.
- 4 Press **▲** or **▼** to choose **OGM**. Press **OK**. The LCD prompts you to choose an OGM.
- 5 Press **▲** or **▼** to choose **Msg Ctr OGM** or **F/T OGM**, then press **OK**.
- 6 Press **▲** or **▼** to choose **Record MSG**. Press **OK**.
- 7 Record your message, using one of the options below:
 - Pickup the handset, record your message, and replace the handset when finished.
 The TAD will play your OGM back to you.
- 8 Press **Stop/Exit**.

Listening to your OGM

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Msg Ctr**.
Press **OK**.
- 4 Press **▲** or **▼** to choose **OGM**.
Press **OK**.
- 5 Press **▲** or **▼** to choose **Msg Ctr OGM** or **F/T OGM**.
Press **OK**.
- 6 Press **▲** or **▼** to choose **Playing OGM**.
Press **OK**.
Adjust the volume by pressing **Volume**  **◀** or **▶** .
- 7 Press **Stop/Exit**.

Erasing your OGM

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose **Setup Msg Ctr**.
Press **OK**.
- 4 Press **▲** or **▼** to choose **OGM**.
Press **OK**.
- 5 Press **▲** or **▼** to choose **Msg Ctr OGM** or **F/T OGM**.
Press **OK**.
- 6 Press **▲** or **▼** to choose **Erase MSG**.
Press **OK**.
- 7 Do one of the following:
 - Press **1** to erase the OGM.
 - Press **2** to exit without erasing.
- 8 Press **Stop/Exit**.

Fax/Tel OGM

If your machine is set to Fax/Tel receive mode this message will be played by your Brother machine to a caller. Unlike the TAD OGM, the caller *will not* be able to leave a message.

To record your Fax/Tel OGM follow the instructions on *Outgoing message (OGM)* on page 63.

If you need to review the steps for setting up the Fax/Tel receive mode, see *Receive modes* on page 40.

Activating TAD mode

When the  light glows, TAD mode is active. Press  to enter TAD mode.

Managing your messages

Message indicator

The  light flashes if you have any new messages waiting for you.

The LCD displays the total number of voice and fax messages stored in the TAD memory.

Fax messages are only stored when Fax Storage or Fax Preview is turned on. See *Advanced fax operations (Monochrome only)* on page 68.

Playing voice messages

All messages are played in the order they were recorded. The LCD shows the number of the current message, the total number of messages, and the time and date the message was recorded.

Follow the steps below to listen to your voice messages:

- 1 Press **Play/Record**.
The following commands are available when playing messages:

- *  (RWD) Repeats a message.
- #  (FWD) Skips to the next message.
-  or  Adjusts the volume.

- 2 Press **Stop/Exit**.

Erasing incoming messages

To erase voice messages individually

- 1 Press **Play/Record**.
The machine will sound a two second beep and begins message playback. Each message is preceded by one long beep, and followed by two short beeps.
- 2 To erase a specific message, press **Erase/Hold** immediately after the two short beeps, or while the message is playing.
- 3 Do one of the following:
 - Press **1** to erase the message.
 - Press **2** to cancel.
- 4 Press **Stop/Exit**.

To erase all of your messages

- 1 Press **Erase/Hold**.
The LCD displays the following:
 - Erase All Voice?
 - Yes → Press **1**
 - No → Press **2**
- 2 Do one of the following:
 - Press **1** to erase all of your voice messages.
 - Press **2** to cancel.
- 3 Press **Stop/Exit**.

Additional TAD operations

Setting maximum time for incoming messages

Your machine's default setting will save incoming messages up to 30 seconds long. To change this setting follow the steps below:

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *Fax*. Press **OK**.
- 3 Press **▲** or **▼** to choose *Setup Msg Ctr*. Press **OK**.
- 4 Press **▲** or **▼** to choose *ICM Max. Time*. Press **OK**.
- 5 Press **▲** or **▼** to choose the maximum time setting for incoming messages (30, 60, 120 or 180 seconds). Press **OK**.
- 6 Press **Stop/Exit**.

Setting toll saver

When the toll saver feature is on, the machine will answer after two rings if you do have voice or fax messages, and after four rings if you do not have any messages.

This way, when you call your machine for remote retrieval, if it rings three times, you have no messages and can hang up to avoid a toll charge.

The toll saver feature is only available when TAD mode is on. When toll saver is *On*, it overrides your ring delay setting.

If you are using Distinctive Ring, do not use the Toll Saver feature.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *Fax*. Press **OK**.
- 3 Press **▲** or **▼** to choose *Setup Receive*. Press **OK**.
- 4 Press **▲** or **▼** to choose *Ring Delay*. Press **OK**.
- 5 Press **▲** or **▼** to choose *Toll Saver*. Press **OK**.
- 6 Press **▲** or **▼** to choose *On (or Off)*. Press **OK**.
- 7 Press **Stop/Exit**.

ICM Recording Monitor

This feature lets you turn the speaker volume for voice messages *On* or *Off*. When you turn the monitor *Off*, you will not hear messages as they come in.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *Fax*. Press **OK**.
- 3 Press **▲** or **▼** to choose *Setup Msg Ctr*. Press **OK**.
- 4 Press **▲** or **▼** to choose *ICM Rec.Monitr*. Press **OK**.
- 5 Use **▲** or **▼** to choose *Off* or *On*. Press **OK**.
- 6 Press **Stop/Exit**.

Recording a conversation

If you are using the handset, you can record a telephone conversation by pressing **Play/Record** during the conversation. Your recording can be as long as the incoming message maximum time (up to 3 minutes). The other party will hear an intermittent beeping while recording. To stop recording, press **Stop/Exit**.



Note

If you record a telephone conversation, you must give prior warning to the other party.

10

Advanced fax operations (Monochrome only)

You can *only* use one advanced fax operation at a time:

- Fax Forwarding
- Fax Storage
- Fax Preview (MFC-665CW only)
- PC Fax Receive
- Off

You can change your selection at any time. If received faxes are still in the machine's memory when you change the advanced fax operations, a question will appear on the LCD. (See *Changing Advanced Fax Operations* on page 73.)

Fax Forwarding

When you choose Fax Forward, your machine stores the received fax in the memory. The machine will then dial the fax number you have programmed and forward the fax message.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Advanced Fax Operation**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Forward/Store**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Fax Forward**. Press **OK**.
- 6 Enter the forwarding number (up to 20 digits). Press **OK**.

- 7 Press **▲** or **▼** to choose **Backup Print:On** or **Backup Print:Off**. Press **OK**.



Note

- If you choose **Backup Print:On**, the machine will also print the fax at your machine so you will have a copy. This is the safety feature in case there is a power failure before the fax is forwarded or a problem at the receiving machine.
- The machine can store faxes up to 24 hours if there is a power failure (MFC-665CW only).
- When Fax Forwarding is turned on your machine will only receive monochrome faxes into memory. Colour faxes will not be received, unless the sending machine converts them to monochrome before sending.

- 8 Press **Stop/Exit**.

Fax Storage

If you choose Fax Storage, your machine stores the received fax in the memory. You will be able to retrieve fax messages from another location using the remote retrieval commands. (See *Remote Retrieval* on page 73.)

If you have set Fax Storage, a backup copy will automatically be printed at the machine.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose `Fax`. Press **OK**.
- 3 Press **▲** or **▼** to choose `Advanced Fax Operation`. Press **OK**.
- 4 Press **▲** or **▼** to choose `Forward/Store`. Press **OK**.
- 5 Press **▲** or **▼** to choose `Fax Storage`. Press **OK**.
- 6 Press **Stop/Exit**.



Note

If Fax Storage is turned on your machine cannot receive a colour fax unless the sending machine converts it to monochrome.

Fax Preview (MFC-665CW only)

If you choose Fax Preview you can view received faxes on the LCD by pressing the **Fax Preview** key. When the machine is in Ready mode, a popup message will appear on the LCD to alert you of new faxes. (See *How to preview a fax* on page 70.) You can continue all operations.

Setting Fax Preview

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose `Fax`. Press **OK**.
- 3 Press **▲** or **▼** to choose `Advanced Fax Operation`. Press **OK**.
- 4 Press **▲** or **▼** to choose `Forward/Store`. Press **OK**.
- 5 Press **▲** or **▼** to choose `Fax Preview`. Press **OK**.
- 6 Press **Stop/Exit**.



Note

Your machine cannot preview colour faxes. It will print the colour faxes if receives.

How to preview a fax

When you receive a fax, you will see the pop-up message on the LCD. (For example: New Fax(es) : 02)

- 1 Press **Fax Preview**.
You can see the new fax list.



Note

You can also see your old fax list by pressing *****. Press **#** to go back to your new fax list.

- 2 Press **▲** or **▼** to choose the fax you want to see.
Press **OK**.



Note

If your fax is large there may be a delay before it is displayed on the LCD.

- 3 Press **Stop/Exit**.

When a fax is open the control panel keys will perform the operations shown below.

Key	Description
	Enlarge the fax.
	Reduce the fax.
▲ or ▼	Scroll vertically.
◀ or ▶	Scroll horizontally.
	Rotate the fax clockwise.
	Delete the fax. Then, confirm the Delete by pressing 1 .
	Go back to the previous page.
	Go to the next page.
OK 	Go to the next step. (Print and Back are available.)
Clear / Back 	Go back to the fax list.
 Mono Start	Print the fax.

How to delete all faxes in the list

- 1 Press **Fax Preview**.
- 2 Press **▲** or **▼** to choose **Delete All**.
Press **OK**.
Then, confirm the Delete by pressing **1**.

How to print all faxes in the list

- 1 Press **Fax Preview**.
- 2 Press **▲** or **▼** to choose **Print All**.
Press **OK**.

PC Fax Receive

If you turn on the PC-Fax Receive feature your machine will store received faxes in memory and send them to your PC automatically. You can then use your PC to view and store these faxes.

Even if you have turned off your PC (at night or at the weekend, for example), your machine will receive and store your faxes in its memory. The number of received faxes that are stored in the memory will appear at the bottom left side of the LCD.

When you start your PC and run the PC-FAX Receiving software, your machine transfers your faxes to your PC automatically.

To transfer the received faxes to your PC you must first have the PC-FAX Receiving software running on your PC. (For details, see *PC-FAX receiving* in the Software User's Guide on the CD-ROM.)

If you choose `Backup Print:On` the machine will also print the fax.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose `Fax`. Press **OK**.
- 3 Press **▲** or **▼** to choose `Advanced Fax Operation`. Press **OK**.
- 4 Press **▲** or **▼** to choose `Forward/Store`. Press **OK**.
- 5 Press **▲** or **▼** to choose `PC Fax Receive`. Press **OK**.
- 6 Press **▲** or **▼** to choose `<USB>` or the PC you want to receive. Press **OK**.

- 7 Press **▲** or **▼** to choose `Backup Print:On` or `Backup Print:Off`. Press **OK**.

- 8 Press **Stop/Exit**.



Note

- PC Fax Receive is not supported in the Mac OS®.
- Before you can set up PC Fax Receive you must install the MFL-Pro Suite software on your PC. Make sure your PC is connected and turned on. (For details see *PC-FAX Receiving* in the Software User's Guide on the CD-ROM.)
- In the event of a power failure, the machine will store your faxes in the memory for up to 24 hours. However, if you choose `Backup Print:On` the machine will print the fax, so you will have a copy if there is a power failure before it is sent to the PC. (MFC-665CW only)
- If you get an error message and the machine cannot print the faxes in memory, you can use this setting to transfer your faxes to your PC. (For details, see *Error messages* on page 124.)
- When PC Fax Receive is turned on only monochrome faxes can be received into the memory and sent to the PC. Colour faxes will be received in real time and printed in colour.

Changing the destination PC

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose
Advanced Fax Operation.
Press **OK**.
- 4 Press **▲** or **▼** to choose
Forward/Store.
Press **OK**.
- 5 Press **▲** or **▼** to choose
PC Fax Receive.
Press **OK**.
- 6 Press **▲** or **▼** to choose **Change**.
Press **OK**.
- 7 Press **▲** or **▼** to choose **<USB>** or the
PC you want to receive on the Network.
Press **OK**.
- 8 Press **▲** or **▼** to choose
Backup Print:On or
Backup Print:Off.
Press **OK**.
- 9 Press **Stop/Exit**.

Turning off Advanced Fax Operations

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**.
Press **OK**.
- 3 Press **▲** or **▼** to choose
Advanced Fax Operation.
Press **OK**.
- 4 Press **▲** or **▼** to choose
Forward/Store.
Press **OK**.
- 5 Press **▲** or **▼** to choose **Off**.
Press **OK**.
- 6 Press **Stop/Exit**.



Note

The LCD will give you more options if there are received faxes still in your machine's memory. (See *Changing Advanced Fax Operations* on page 73.)

Changing Advanced Fax Operations

If received faxes are left in your machine's memory when you change the Advanced Fax Operations, the LCD will ask you one of the following questions:

■ Erase All Doc?

Yes → Press **1**

No → Press **2**

■ Print All Fax?

Yes → Press **1**

No → Press **2**

- If you press **1**, faxes in the memory will be erased or printed before the setting changes. If a backup copy has already been printed it will not be printed again.
- If you press **2**, faxes in the memory will not be erased or printed and the setting will be unchanged.

If received faxes are left in the machine's memory when you change to PC Fax Receive from another option [Fax Forward, Fax Storage or Fax Preview (MFC-665CW only)], press ▲ or ▼ to choose the PC.

■ Send Fax to PC?

Yes → Press **1**

No → Press **2**

- If you press **1**, faxes in the memory will be sent to your PC before the setting changes. You will be asked if you want to turn on Backup Print. (For details, see *PC Fax Receive* on page 71.)
- If you press **2**, faxes in the memory will not be erased or transferred to your PC and the setting will be unchanged.

Remote Retrieval

You can call your machine from any touch tone telephone or fax machine, then use the remote access code and remote commands to retrieve fax messages.

Setting a Remote Access Code

The remote access code lets you access the remote retrieval features when you are away from your machine. Before you can use the remote access and retrieval features, you have to set up your own code. The factory default code is inactive code (---✳).

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose **Fax**. Press **OK**.
- 3 Press ▲ or ▼ to choose **Advanced Fax Operation**. Press **OK**.
- 4 Press ▲ or ▼ to choose **Remote Access**. Press **OK**.
- 5 Enter a three-digit code using numbers **0-9**, **✳**, or **#**. Press **OK**. (The preset '✳' cannot be changed.)



Note

Do not use the same code as your fax receive code (✳ **5 1**) or telephone answer code (**# 5 1**). (See *Connecting an external or extension telephone* on page 53.)

- 6 Press **Stop/Exit**.

**Note**

You can change your code at any time by entering a new one. If you want to make your code inactive, press **Clear/Back** in step ⑤ to restore the inactive setting (---✖) and press **OK**.

Using your Remote Access Code

- ① Dial your fax number from a touch tone telephone or another fax machine.
- ② When your machine answers, enter your remote access code (3 digits followed by ✖) at once.
- ③ The machine signals if it has received messages:
 - **1 long beep — Fax messages**
 - **2 long beeps — Voice messages**
(MFC-665CW only)
 - **3 long beeps — Fax & Voice messages**
(MFC-665CW only)
 - **No beeps — No messages**
- ④ When the machine gives two short beeps, enter a command.
The machine will hang up if you wait longer than 30 seconds to enter a command.
The machine will beep three times if you enter an invalid command.
- ⑤ Press **9 0** to stop Remote Access when you have finished.
- ⑥ Hang up.

**Note**

If your machine is set to `Manual` mode and you want to use the remote retrieval features, wait about 2 minutes after it starts ringing, and then enter the remote access code within 30 seconds.

Remote Fax commands

Follow the commands below to access features when you are away from the machine. When you call the machine and enter your remote access code (3 digits followed by ✖), the system will give two short beeps and you must enter a remote command.

Remote commands		Operation details	
91	Playing Voice messages (MFC-665CW only)	After one long beep, the machine plays the ICM.	
	1 Repeat or Skip Backward	Press 1 while listening to an ICM to repeat it. If you press 1 before a message, you will hear the previous message.	
	2 Skip Forward	While playing the ICM, you can skip to the next message.	
	9 STOP Playing	Stop Playing the ICM.	
93	Erase all ICM (MFC-665CW only)	If you hear one long beep, the erase is accepted. If you hear three short beeps, you cannot erase because all voice messages have not been played, or there are no voice message to erase. *This code erases all recorded messages, not one at a time.	
94	Play and Record OGM in Memory (MFC-665CW only)		
	1 Play	1 Msg Ctr OGM	The machine plays the selected OGM. You can stop playing OGMs by pressing 9 .
		2 F/T OGM	
	2 Record	1 Msg Ctr OGM	After one long beep, you can record the selected OGM. You will hear the message played once. You can stop recording the message by pressing 9 .
2 F/T OGM			
95	Change the Fax Forwarding or Fax Storage settings		
	1 OFF	You can choose <i>OFF</i> after you have retrieved or erased all your messages.	
	2 Fax Forwarding	One long beep means the change is accepted. If you hear three short beeps, you cannot change because something has not been set up (for example, a Fax Forwarding has not been registered). You can register your Fax Forwarding number by entering 4. (See <i>Changing your Fax Forwarding number</i> on page 77.) Once you have registered the number, Fax Forwarding will work.	
	4 Fax Forwarding number		
	6 Fax Storage		
96	Retrieve a fax		
	2 Retrieve all faxes	Enter the number of a remote fax machine to receive stored fax messages. (See <i>Retrieving fax messages</i> on page 77.)	
	3 Erase faxes from the memory	If you hear one long beep, fax messages have been erased from the memory.	
97	Check the receiving status (MFC-440CN only)		
	1 Fax	You can check whether your machine has received any faxes. If yes, you will hear one long beep. If no, you will hear three short beeps.	

Remote commands		Operation details
97	Check the receiving status (MFC-665CW only)	
	1 Fax 2 Voice	You can check whether your machine has received any faxes or voice messages. If yes, you will hear one long beep. If no, you will hear three short beeps.
98	Change the Receive Mode (MFC-440CN only)	
	1 External TAD	If you hear one long beep, your change has been accepted.
	2 Fax/Tel	
3 Fax Only		
98	Change the Receive Mode (MFC-665CW only)	
	1 Msg Ctr	If you hear one long beep, your change has been accepted.
	2 Fax/Tel	
3 Fax Only		
90	Exit	Pressing 9 0 allows you to exit remote retrieval. Wait for the long beep, then replace the handset.

Retrieving fax messages

You can call your machine from any touch tone phone and have your fax messages sent to a machine.

- 1 Dial your fax number.
- 2 When your machine answers, enter your remote access code (3 digits followed by ✕) at once. If you hear one long beep, you have messages.
- 3 When you hear two short beeps, press **9 6 2**.
- 4 Wait for the long beep, enter the number (up to 20 digits) of the remote fax machine you want your fax messages sent to using the dial pad, then enter **# #**.



Note

You cannot use ✕ and # as dial numbers. However, press # if you want to create a pause.

- 5 Press **9 0** to reset the machine when you've finished.
- 6 Hang up after you hear your machine beep. Your machine will call the other fax machine, which will then print your fax messages.

Changing your Fax Forwarding number

You can change the default setting of your fax forwarding number from another touch tone telephone or fax machine.

- 1 Dial your fax number.
- 2 When your machine answers, enter your remote access code (3 digits followed by ✕) at once. If you hear one long beep, you have messages.
- 3 When you hear two short beeps, press **9 5 4**.
- 4 Wait for the long beep, enter the new number (up to 20 digits) of the remote fax machine you want your fax messages forwarded to using the dial pad, then enter **# #**.



Note

You cannot use ✕ and # as dial numbers. However, press # if you want to create a pause.

- 5 Press **9 0** to reset the machine when you have finished.
- 6 Hang up after you hear your machine beep.

Fax reports

You need to set up the Transmission Verification Report and Journal Period using the **Menu** keys.

Transmission Verification Report

You can use the Transmission Verification Report as proof that you sent a fax. This report lists the time and date of transmission and whether the transmission was successful (OK). If you choose **On** or **On+Image**, the report will print for every fax you send.

If you send a lot of faxes to the same place, you may need more than the job numbers to know which faxes you must send again. Choosing **On+Image** or **Off+Image** will print a section of the fax's first page on the report to help you remember.

When the Transmission Verification Report is turned **Off** or **Off+Image**, the Report will only print if there is a transmission error, with **NG** in the **RESULT** column.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Report Setting**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Transmission**. Press **OK**.
- 5 Press **▲** or **▼** to choose **On**, **On+Image**, **Off** or **Off+Image**. Press **OK**.
- 6 Press **Stop/Exit**.

Fax Journal (activity report)

You can set the machine to print a journal at specific intervals (every 50 faxes, 6, 12 or 24 hours, 2 or 7 days). If you set the interval to **Off**, you can still print the report by following the steps on *How to print a report* on page 79. The factory setting is **Every 50 Faxes**.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Report Setting**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Journal Period**. Press **OK**.
- 5 Press **▲** or **▼** to choose an interval. Press **OK**.
(If you choose 7 days, the LCD will ask you to choose the first day for the 7-day countdown.)
 - 6, 12, 24 hours, 2 or 7 days
The machine will print the report at the chosen time and then erase all jobs from its memory. If the machine's memory becomes full with 200 jobs before the time you chose has passed, the machine will print the Journal early and then erase all jobs from the memory. If you want an extra report before it is due to print, you can print it without erasing the jobs from the memory.
 - Every 50 Faxes
The machine will print the Journal when the machine has stored 50 jobs.

- 6 Enter the time to start printing in 24-hour format.
Press **OK**.
(For example: enter 19:45 for 7:45 PM.)
- 7 Press **Stop/Exit**.

Reports

The following reports are available:

- **XMIT Verify**
Prints a Transmission Verification Report for your last transmission.
- **Help List**
A help list about how to quickly program your machine.
- **Quick-Dial**
Lists names and numbers stored in the Speed-Dial memory, in alphabetical or numerical order.
- **Fax Journal**
Lists information about the last incoming and outgoing faxes. (TX: Transmit.) (RX: Receive.)
- **User Settings**
Lists your settings.
- **Network Config**
Lists your Network settings.

How to print a report

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Print Reports**.
Press **OK**.
- 3 Press **▲** or **▼** to choose the report you want.
Press **OK**.
- 4 Press **Mono Start**.
- 5 Press **Stop/Exit**.

Polling overview

Polling lets you set up your machine so other people can receive faxes from you, but they pay for the call. It also lets you call somebody else's fax machine and receive a fax from it, so you pay for the call. The polling feature needs to be set up on both machines for this to work. Not all fax machines support polling.

Polling receive

Polling receive lets you call another fax machine to receive a fax.

Setup to receive polling

- 1 Press  (Fax).
- 2 Press ▲ or ▼ to choose `Polling RX`. Press **OK**.
- 3 Press ▲ or ▼ to choose `Standard`. Press **OK**.
- 4 Enter the fax number you are polling.
- 5 Press **Mono Start** or **Colour Start**.

Setup to receive polling with secure code

Secure Polling lets you restrict who can get the documents you set up to be polled.

Secure Polling only works with Brother fax machines. If you want to get a fax from a secured Brother machine you have to enter the secure code.

- 1 Press  (Fax).
- 2 Press ▲ or ▼ to choose `Polling RX`. Press **OK**.
- 3 Press ▲ or ▼ to choose `Secure`. Press **OK**.
- 4 Enter a four-digit secure code. This is the same as the security code of the fax machine you are polling. Press **OK**.
- 5 Enter the fax number you are polling.
- 6 Press **Mono Start** or **Colour Start**.

Setup to receive delayed polling

Delayed polling lets you set the machine to begin polling receive at a later time. You can only set up *one* delayed polling operation.

- 1 Press  (**Fax**).
- 2 Press ▲ or ▼ to choose `Polling RX`. Press **OK**.
- 3 Press ▲ or ▼ to choose `Timer`. Press **OK**.
- 4 Enter the time (in 24-hour format) you want to start polling.
For example, enter 21:45 for 9:45 PM.
Press **OK**.
- 5 Enter the fax number you are polling.
- 6 Press **Mono Start** or **Colour Start**.
The machine makes the polling call at the time you entered.

Sequential polling (Monochrome only)

Sequential polling lets you request documents from several fax machines in one operation.

- 1 Press  (**Fax**).
- 2 Press ▲ or ▼ to choose `Polling RX`. Press **OK**.
- 3 Press ▲ or ▼ to choose `Standard`, `Secure` or `Timer`. Press **OK**.
- 4 Do one of the following:
 - If you chose `Standard` and then press **OK**, go to step 5.
 - If you chose `Secure`, enter a four-digit number, press **OK**, go to step 5.

- If you chose `Timer`, enter the time (24-hour format) you want to begin polling and press **OK**, go to step 5.

- 5 Press ▲ or ▼ to choose `Broadcasting`. Press **OK**.
- 6 Press ▲ or ▼ to choose `Add Number`. Press **OK**.
- 7 Enter a number using `Speed-Dial`, a `Group`, or dial pad. Press **OK**.
- 8 Repeat steps 6 and 7 for all the fax numbers you want to poll, and then press ▲ or ▼ to choose `Complete`. Press **OK**.
- 9 Press **Mono Start**.
The machine polls each number or group in turn for a document.

Press **Stop/Exit** while the machine is dialling to cancel the polling process.

To cancel all sequential polling receive jobs, see *Checking and cancelling waiting jobs* on page 38.

Polled transmit (Monochrome only)

Polled transmit lets you set up your machine to wait with a document so another fax machine can call and retrieve it.

The document will be stored and can be retrieved by any other fax machine until you delete it from the memory. (See *Checking and cancelling waiting jobs* on page 38.)

Setup for polled transmit

- 1 Press  (Fax).
- 2 Load your document.
- 3 Press ▲ or ▼ to choose `Polled TX`. Press **OK**.
- 4 Press ▲ or ▼ to choose `Standard`. Press **OK**.
- 5 Press ▲ or ▼ to choose any settings you want to change. Press **OK**.
After each setting is accepted, you can continue to change more settings.
- 6 Press **Mono Start**.

Setup for polled transmit with secure code

Secure Polling lets you restrict who can get the documents you set up to be polled.

Secure Polling only works with Brother fax machines. If another person wants to retrieve a fax from your machine they will have to enter the secure code.

- 1 Press  (Fax).
- 2 Load your document.
- 3 Press ▲ or ▼ to choose `Polled TX`. Press **OK**.
- 4 Press ▲ or ▼ to choose `Secure`. Press **OK**.
- 5 Enter a four-digit number. Press **OK**.
- 6 Press ▲ or ▼ to choose any settings you want to change. Press **OK**.
After each setting is accepted, you can continue to change more settings.
- 7 Press **Mono Start**.



Copy

Making copies

84

13

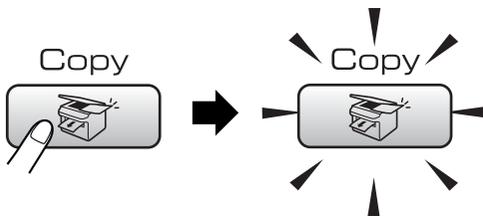
Making copies

How to copy

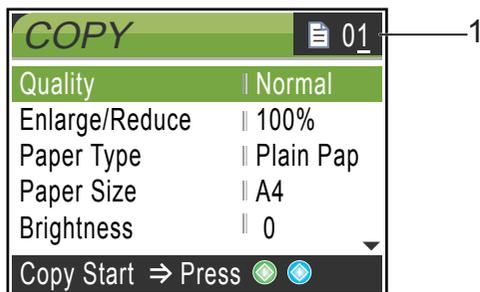
Entering Copy mode

When you want to make a copy, press

 (**Copy**) to illuminate it in green.



The LCD shows:



1 No of Copies

You can enter the number of copies you want by using the dial pad.

Press ▲ or ▼ to scroll through the **Copy** key options.

- Quality (See page 85.)
- Enlarge/Reduce (See page 86.)
- Paper Type (See page 89.)
- Paper Size (See page 89.)
- Brightness (See page 88.)
- Contrast (See page 88.)
- Color Adjust (See page 88.)
- Stack/Sort (See page 87.)
- Page Layout (See page 86.)
- Set New Default (See page 89.)
- Factory Reset (See page 89.)

When the option you want is highlighted, press **OK**.

Note

The default setting is Fax mode. You can change the amount of time that the machine stays in Copy mode after the last copy operation. (See *Mode Timer* on page 22.)

Making a single copy

- 1 Press  (**Copy**).
- 2 Load your document.
(See *Loading documents* on page 9.)
- 3 Press **Mono Start** or **Colour Start**.

Making multiple copies

You can make up to 99 copies.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press **Mono Start** or **Colour Start**.



Note

To sort the copies, press ▲ or ▼ to choose *Stack/Sort*. (See *Sorting copies using the ADF* on page 87.)

Stop copying

To stop copying, press **Stop/Exit**.

Copy settings

You can change the copy settings temporarily for the next copy.

The machine returns to its default settings after 60 seconds, or if the Mode Timer returns the machine to Fax mode. (See *Mode Timer* on page 22.)

If you have finished choosing settings, press **Mono Start** or **Colour Start**.

If you want to choose more settings, press ▲ or ▼.



Note

You can save some of the settings that you use most often by setting them as default. These settings will stay until you change them again. (See *Setting your changes as a new default* on page 89.)

Changing copy speed and quality

You can choose from a range of quality. The factory setting is *Normal*.

■ Fast

Fast copy speed and lowest amount of ink used. Use to save time printing documents to be proof-read, large documents or many copies).

■ Normal

Normal is the recommended mode for ordinary print outs. This produces good copy quality with good copy speed.

■ Best

Use best mode to copy precise images such as photographs. This provides the highest resolution and slowest speed.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose *Quality*. Press **OK**.
- 5 Press ▲ or ▼ to choose *Fast*, *Normal* or *Best*. Press **OK**.
- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Enlarging or reducing the image copied

You can choose an enlargement or reduction ratio.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press **▲** or **▼** to choose **Enlarge/Reduce**. Press **OK**.
- 5 Do one of the following:
 - Press **▲** or **▼** to choose the enlargement or reduction ratio you want. Press **OK**.
 - Press **▲** or **▼** to choose **Custom (25-400%)** and then enter an enlargement or reduction ratio from 25% to 400%. Press **OK**. (For example, press **5 3** to enter 53%.)

50%
69% A4→A5
78% LGL→LTR
83% LGL→A4
93% A4→LTR
97% LTR→A4
100%*
104% EXE→LTR
142% A5→A4
186% 10×15cm→LTR
198% 10×15cm→A4
200%
Custom (25-400%)

- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.



Note

Page Layout Options are not available with **Enlarge/Reduce**.

Making N in 1 copies or a poster (page layout)

The N in 1 copy feature can help you save paper by letting you copy two or four pages onto one printed page.

You can also produce a poster. When you use the poster feature your machine divides your document into sections, then enlarges the sections so you can assemble them into a poster. If you want to make a poster, use the scanner glass.

Important

- Please make sure paper size is set to **Letter** or **A4**.
- You can not use the **Enlarge/Reduce** setting with the **N in 1** and **Poster** features.
- If you are producing multiple colour copies, **N in 1 copy** is not available.
- (P) means **Portrait** and (L) means **Landscape**.
- You can only make one poster copy at a time.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press **▲** or **▼** to choose **Page Layout**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Off (1 in 1)**, **2 in 1 (P)**, **2 in 1 (L)**, **4 in 1 (P)**, **4 in 1 (L)** or **Poster (3×3)**. Press **OK**.

- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start** to scan the page.
If you are making a poster or placed the document in the ADF, the machine scans the pages and starts printing.
If you are using the scanner glass, go to step 7.
- 7 After the machine scans the page, press 1 to scan the next page.
- 8 Place the next page on the scanner glass.
Press **OK**.
Repeat steps 7 and 8 for each page of the layout.
- 9 After all the pages have been scanned, press 2 to finish.



Note

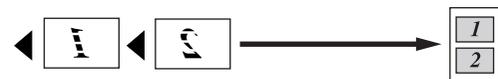
If photo paper has been chosen in the Paper Type setting for N in 1 copies, the machine will print the images as if Plain paper had been chosen.

Place your document face down in the direction shown below.

■ 2 in 1 (P)



■ 2 in 1 (L)



■ 4 in 1 (P)

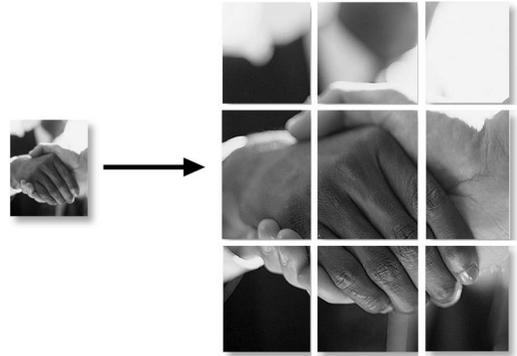


■ 4 in 1 (L)



Poster (3 x 3)

You can make a poster size copy of a photograph.



Sorting copies using the ADF

You can sort multiple copies. Pages will be stacked in the order 123, 123, 123, and so on.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose *Stack/Sort*. Press **OK**.
- 5 Press ▲ or ▼ to choose *Sort*. Press **OK**.
- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Adjusting Brightness, Contrast and Colour

Brightness

You can adjust the copy brightness to make copies darker or lighter.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose *Brightness*. Press **OK**.
- 5 Press ◀ to make a darker copy or press ▶ to make a lighter copy. Press **OK**.
- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Contrast

You can adjust the copy contrast to help an image look sharper and more vivid.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose *Contrast*. Press **OK**.
- 5 Press ▶ to increase the contrast or press ◀ to decrease the contrast. Press **OK**.
- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Colour Saturation

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose *Color Adjust*. Press **OK**.
- 5 Press ▲ or ▼ to choose *Red, Green or Blue*. Press **OK**.
- 6 Press ▶ to increase the colour saturation, or press ◀ to decrease the colour saturation. Press **OK**.
- 7 Do one of the following:
 - If you want to change saturation for another colour, go to step 5.
 - If you want to change additional settings, press ▲ or ▼ to choose *Exit*. Press **OK**.
 - If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Paper Options

Paper Type

If you are copying on special paper, set the machine for the type of paper you are using to get the best print quality.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose Paper Type. Press **OK**.
- 5 Press ▲ or ▼ to choose Plain Paper, Inkjet Paper, Brother Photo, Other Photo or Transparency. Press **OK**.
- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Paper Size

If copying on paper other than A4 size, you will need to change the paper size setting. You can copy only on Letter, Legal, A4, A5 or Photo [10 cm (W) × 15 cm (H)] paper.

- 1 Press  (**Copy**).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose Paper Size. Press **OK**.
- 5 Press ▲ or ▼ to choose Letter, Legal, A4, A5 or 10x15cm. Press **OK**.
- 6 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Setting your changes as a new default

You can save the copy settings for Quality, Paper Type, Brightness, Contrast and Color Adjust that you use most often by setting them the default settings. These settings will stay until you change them again.

- 1 Press  (**Copy**).
- 2 Press ▲ or ▼ to choose your new setting. Press **OK**. Repeat this step for each setting you want to change.
- 3 After changing the last setting, press ▲ or ▼ to choose Set New Default. Press **OK**.
- 4 Press **1** to choose Yes.
- 5 Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

- 1 Press  (**Copy**).
- 2 Press ▲ or ▼ to choose Factory Reset. Press **OK**.
- 3 Press **1** to choose Yes.
- 4 Press **Stop/Exit**.

'Out of Memory' message

If the `Out of Memory` message appears while scanning documents, press **Stop/Exit** to cancel or **Mono Start** or **Colour Start** to copy the scanned pages.

You will need to clear some jobs from the memory before you can continue.

To free up extra memory, do the following:

- Turn off Advanced Fax Operation. (See *Turning off Advanced Fax Operations* on page 72.)
- Print the faxes that are in the memory. (See *Printing a fax from the memory* on page 46.)

When you get an `Out of Memory` message, you may be able to make copies if you first print incoming faxes in the memory to restore the memory to 100%.



Direct Photo Printing

Printing photos from a memory card	92
Printing photos from a camera with PictBridge	103

PhotoCapture Center™ Operations

Printing from a memory card without a PC

Even if your machine is not connected to your computer, you can print photos directly from digital camera media. (See *Print Images* on page 94.)

Scanning to a memory card without a PC

You can scan documents and save them directly to a memory card. See *Scan to Card* on page 101.

Using PhotoCapture Center™ from your computer

You can access the memory card that is in the media drive (slot) of the machine from your PC.

(See *PhotoCapture Center™* for Windows® or *Remote Setup & PhotoCapture Center™* for Macintosh® in the Software User's Guide on the CD-ROM.)

Using memory cards

Your Brother machine includes two media drives (slots) for use with popular digital camera media: CompactFlash®, Memory Stick®, Memory Stick Pro™, SecureDigital™, MultiMediaCard™ and xD-Picture Card™.



CompactFlash®



Memory Stick®

Memory Stick Pro™



SecureDigital™

MultiMediaCard™



xD-Picture Card™

- miniSD™ can be used with a miniSD™ adapter.
- Memory Stick Duo™ can be used with a Memory Stick Duo™ adapter.
- Memory Stick Pro Duo™ can be used with a Memory Stick Pro Duo™ adapter.
- Adapters are not included with the machine. Contact a third party supplier for adapters.

The PhotoCapture Center™ feature lets you print digital photos from your digital camera at high resolution to get photo quality printing.

Memory card folder structure

Your machine is designed to be compatible with modem digital camera image files and memory cards; however, please read the points below to avoid errors:

- The DPOF file on the memory card must be in a valid format. (See *DPOF printing* on page 96.)

- The image file extension must be .JPG (Other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized).
- Walk-up PhotoCapture Center™ printing must be performed separately from PhotoCapture Center™ operations using the PC. (Simultaneous operation is not available.)
- IBM Microdrive™ is not compatible with the machine.
- The machine can read up to 999 files (including the folder inside memory) on a memory card.
- CompactFlash® Type II is not supported.
- This product supports xD-Picture Card™ Type M / Type H (Large Capacity).

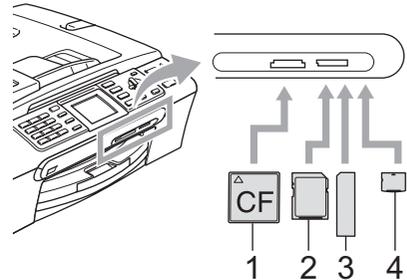
Please be aware of the following:

- When printing the INDEX or IMAGE, the PhotoCapture Center™ will print all the valid images, even if one or more images have been corrupted. A portion of the corrupted image may be printed.
- Your machine is designed to read memory cards that have been formatted by a digital camera.

When a digital camera formats a memory card it creates a special folder into which it copies image data. If you need to modify the image data stored on a memory card with your PC, we recommend that you do not modify the folder structure created by the digital camera. When saving new or modified image files to the memory card we also recommend you use the same folder your digital camera uses. If the data is not saved to the same folder, the machine may not be able to read the file or print the image.

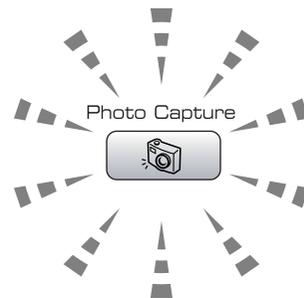
Getting started

Firmly put the card into the proper slot.



- 1 CompactFlash®
- 2 SecureDigital™, MultiMediaCard™
- 3 Memory Stick®, Memory Stick Pro™
- 4 xD-Picture Card™

PhotoCapture key indications:



- **PhotoCapture** light is on, the memory card is properly inserted.
- **PhotoCapture** light is off, the memory card is not properly inserted.
- **PhotoCapture** light is blinking, the memory card is being read or written to.

! CAUTION

DO NOT unplug the power cord or remove the memory card from the media drive (slot) while the machine is reading or writing to the card (the **PhotoCapture** key is blinking). **You will lose your data or damage the card.**

The machine can only read one memory card at a time so do not put more than one card in a slot.

Entering PhotoCapture mode

After you insert the memory card, press the  (**PhotoCapture**) key to illuminate it in green and display the PhotoCapture options on the LCD.

The LCD shows:



Press **▲** or **▼** to scroll through the PhotoCapture key options.

- View Photo(s) (See page 94.)
- Print Index (See page 95.)
- Print All Photos (See page 95.)
- Print Photos (See page 96.)

Note

If your digital camera supports DPOF printing, see *DPOF printing* on page 96.

When the option you want is highlighted, press **OK**.

Print Images

View Photo(s)

You can preview your photos on the LCD before you print them. If your photos are large files there may be a delay before each photo is displayed on the LCD.

- 1 Make sure you have put the memory card in the proper slot.

Press  (**PhotoCapture**).

- 2 Press **▲** or **▼** to choose View Photo(s).
Press **OK**.

- 3 Press **◀** or **▶** to choose your photo.

Note

Instead of scrolling through your photos, you can use the dial pad to enter the 3-digit number of the image from the index page. (See *Print Index (Thumbnails)* on page 95.)

- 4 Press **▲** to **▼** to increase or decrease the number of copies.

- 5 Repeat step 3 and step 4 until you have chosen all the photos.

Note

Press **Clear/Back** to go back to the previous level.

- 6 After you have chosen all the photos, do one of the following:
 - Press **OK** and change the print setting. (See page 97.)
 - If you do not want to change any settings, press **Colour Start** to print.

Print Index (Thumbnails)

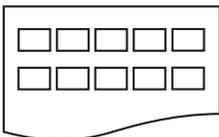
The PhotoCapture Center™ assigns numbers for images (such as No.1, No.2, No.3, and so on).



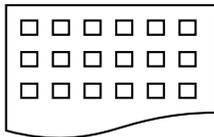
→ No. 1
DEI.JPG 01.01.2003
100KB

The PhotoCapture Center™ does not recognize any other numbers or file names that your digital camera or PC has used to identify the pictures. You can print a thumbnail page (Index page with 6 or 5 images per line). This will show all the pictures on the memory card.

- 1 Make sure you have put the memory card in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose `Print Index`. Press **OK**.
- 3 Press ▲ or ▼ to choose
5 Images/Line Photo or
6 Images/Line Fast.
Press **OK**.



5 Images/Line
Photo



6 Images/Line
Fast

Print time for 5 Images/Line will be slower than 6 Images/Line, but the quality is better.

- 4 Press **Colour Start** to print.

Print All Photos

You can print all the photos on your media card.

- 1 Make sure you have put the memory card in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose `Print All Photos`. Press **OK**.
- 3 Enter the number of copies you want using the dial pad.
- 4 Do one of the following:
 - Change the print setting. (See page 97.)
 - If you do not want to change any settings, press **Colour Start** to print.

Print Photos

Before you can print an individual image, you have to know the image number.

- 1 Make sure you have put the memory card in the proper slot.
Press  (**PhotoCapture**).
- 2 Print the Index. (See *Print Index (Thumbnails)* on page 95.)
- 3 Press **▲** or **▼** to choose *Print Photos*.
Press **OK**.
- 4 Enter the image number that you want to print from the Index page (Thumbnails).
Press **OK**.
- 5 Repeat step 4 until you have entered all the image numbers that you want to print.



Note

You can enter all the numbers at one time by using the **✕** key for a comma or the **#** key for a hyphen. For example, Enter **1, ✕, 3, ✕, 6** to print images No.1, No.3 and No.6. Enter **1, #, 5** to print images No.1 to No.5.

- 6 After you have chosen all the image numbers, press **OK** again.
- 7 Enter the number of copies you want using the dial pad.
- 8 Do one of the following:
 - Change the print setting. (See page 97.)
 - If you do not want to change any settings, press **Colour Start** to print.

DPOF printing

DPOF stands for Digital Print Order Format.

Major digital camera manufacturers (Canon Inc., Eastman Kodak Company, Fuji Photo Film Co. Ltd., Matsushita Electric Industrial Co. Ltd. and Sony Corporation) created this standard to make it easier to print images from a digital camera.

If your digital camera supports DPOF printing, you will be able to choose on the digital camera display the images and number of copies you want to print.

When the memory card (CompactFlash®, Memory Stick®, Memory Stick Pro™, SecureDigital™ MultiMediaCard™ or xD-Picture Card™) with DPOF information is put into your machine, you can print the chosen image easily.

- 1 Make sure you have put the memory card into the proper slot.
Press  (**PhotoCapture**). The machine will ask you if you want to use DPOF setting.
- 2 Press **1** to choose *Yes*.
- 3 Do one of the following:
 - Change the print settings. (See page 97.)
 - If you do not want to change any settings, press **Colour Start** to print.

PhotoCapture Center™ print settings

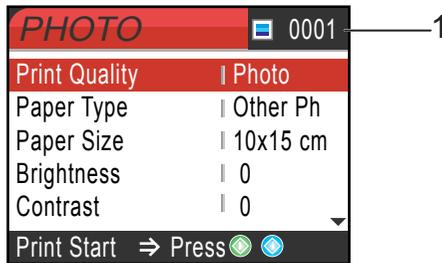
You can change the print settings temporarily for the next printing.

The machine returns to its default settings 180 seconds, or if the Mode Timer returns the machine to Fax mode. (See *Mode Timer* on page 22.)



Note

You can save the print settings you use most often by setting them as default. (See *Setting your changes as a new default* on page 100.)



1 No of prints

(For View Photo(s))

You can see the total number of photos that will be printed.

(For Print All Photos, Print Photos)

You can see the number of copies of each photo that will be printed.

Menu Selections	Option1	Option2	Page
Print Quality	Normal/Photo	—	98
Paper Type	Plain Paper/Inkjet Paper /Brother Photo/Other Photo	—	98
Paper Size	Letter/A4/10x15cm/13x18cm	(When A4 or Letter is chosen) 10x8cm/13x9cm/15x10cm /18x13cm/20x15cm/Max. Size	98
Brightness	0 ← → 100 Dark Light	—	99
Contrast	← → - +	—	99
Color Enhance	On/Off White Balance ← → / Sharpness ← → / Color Density ← → Exit	—	99
Cropping	On/Off	—	100
Borderless	On/Off	—	100
Set New Default	Yes/No	—	100
Factory Reset	Yes/No	—	100

Print Quality

- 1 Press ▲ or ▼ to choose **Print Quality**. Press **OK**.
- 2 Press ▲ or ▼ to choose **Normal** or **Photo**. Press **OK**.
- 3 If you do not want to change additional settings, press **Colour Start** to print.

Paper options

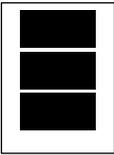
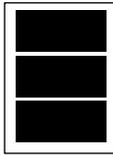
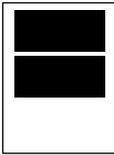
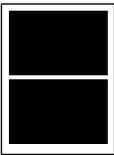
Paper Type

- 1 Press ▲ or ▼ to choose **Paper Type**. Press **OK**.
- 2 Press ▲ or ▼ to choose the type of paper you are using, **Plain Paper**, **Inkjet Paper**, **Brother Photo** or **Other Photo**. Press **OK**.
- 3 If you do not want to change additional settings, press **Colour Start** to print.

Paper and print size

- 1 Press ▲ or ▼ to choose **Paper Size**. Press **OK**.
- 2 Press ▲ or ▼ to choose the size of paper you are using, **Letter**, **A4**, **13×18cm**, **10×15cm**. Press **OK**.
- 3 If you chose **Letter** or **A4**, press ▲ or ▼ to choose the print size. Press **OK**.

Example: Printed Position for A4 paper

1 10×8cm	2 13×9cm	3 15×10cm
		
4 18×13cm	5 20×15cm	6 Max. Size
		

- 4 If you do not want to change additional settings, press **Colour Start** to print.

Adjusting Brightness, Contrast and Colour

Brightness

- 1 Press ▲ or ▼ to choose `Brightness`. Press **OK**.
- 2 Press ◀ to make a darker copy or press ▶ to make a lighter copy. Press **OK**.
- 3 If you do not want to change additional settings, press **Colour Start** to print.

Contrast

You can choose the contrast setting. More contrast will make an image look sharper and more vivid.

- 1 Press ▲ or ▼ to choose `Contrast`. Press **OK**.
- 2 Press ▶ to increase the contrast or press ◀ to decrease the contrast. Press **OK**.
- 3 If you do not want to change additional settings, press **Colour Start** to print.

Colour Enhancement

The colour enhancement feature will produce more vivid images. Your photographs will take slightly longer to print.

- 1 Press ▲ or ▼ to choose `Color Enhance`. Press **OK**.
- 2 Do one of the following:
 - If you want to customize the `White Balance`, `Sharpness` or `Colour Density`, press ◀ or ▶ to choose `On` and then go to step 3.
 - If you do not want to customize, press ◀ or ▶ to choose `Off`. Press **OK** and then go to step 6.

- 3 Press ▲ or ▼ to choose `White Balance`, `Sharpness` or `Color Density`. Press **OK**.
- 4 Press ◀ or ▶ to adjust the degree of the setting. Press **OK**.
- 5 Do one of the following:
 - If you want to customize other colour enhancement, press ▲ or ▼ to choose other option.
 - If you want to change other settings, press ▲ or ▼ to choose `Exit`, and then press **OK**.
- 6 If you do not want to change additional settings, press **Colour Start** to print.



Note

- **White Balance**

This setting adjusts the hue of the white areas of an image. Lighting, camera settings and other factors will effect the appearance of white. By using this adjustment, you can correct this effect and bring the white areas back to pure white.

- **Sharpness**

This setting enhances the detail of an image. It is similar to adjusting the fine focus on a camera. If the image is not in focus and you cannot see the fine details of the picture, then adjust the sharpness.

- **Colour Density**

This setting adjusts the total amount of colour in the image. You can increase or decrease the amount of colour in an image to improve a washed out picture.

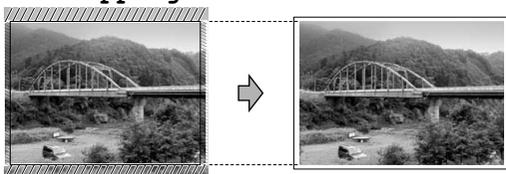
Cropping

If your photo is too long or wide to fit the available space on your chosen layout, part of the image will automatically be cropped.

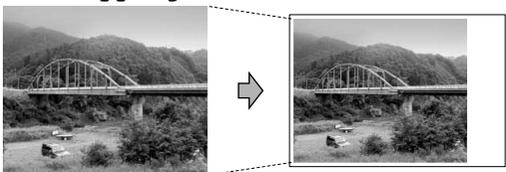
The factory setting is *On*. If you want to print the whole image, turn this setting to *Off*.

- 1 Press ▲ or ▼ to choose *Cropping*. Press **OK**.
- 2 Press ▲ or ▼ to choose *Off* (or *On*). Press **OK**.
- 3 If you do not want to change additional settings, press **Colour Start** to print.

Cropping: On



Cropping: Off



Borderless printing

This feature expands the printable area to the edges of the paper. Printing time will be slightly slower.

- 1 Press ▲ or ▼ to choose *Borderless*. Press **OK**.
- 2 Press ▲ or ▼ to choose *Off* (or *On*). Press **OK**.
- 3 If you do not want to change additional settings, press **Colour Start** to print.

Setting your changes as a new default

You can save the print settings you use most often by setting them the default settings. These settings will stay until you change them again.

- 1 Press ▲ or ▼ to choose your new setting. Press **OK**. Repeat this step for each setting you want to change.
- 2 After changing the last setting, press ▲ or ▼ to choose *Set New Default*. Press **OK**.
- 3 Press **1** to choose *Yes*.
- 4 Press **Stop/Exit**.

Restoring all the settings to factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

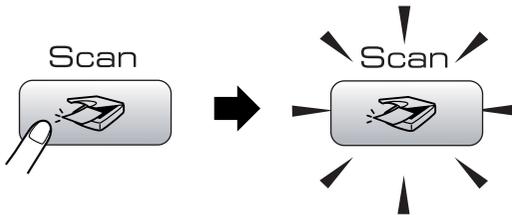
- 1 Press ▲ or ▼ to choose *Factory Reset*. Press **OK**.
- 2 Press **1** to choose *Yes*.
- 3 Press **Stop/Exit**.

Scan to Card

Entering Scan mode

When you want to scan to card, press

 (**Scan**) to illuminate it in green.



The LCD shows:



Press ▲ or ▼ to choose Scan to Card.

Press **OK**.

If you are not connected to your computer only the Scan to Card selection will appear on the LCD.

(See *Scanning for Windows*® or *Macintosh*® in the Software User's Guide on the CD-ROM for details about the other menu options.)

How to scan to card

You can scan monochrome and colour documents into a memory card. Monochrome documents will be stored in PDF (*.PDF) or TIFF file formats (*.TIF). Colour documents may be stored in PDF (*.PDF) or JPEG (*.JPG) file formats. For colour documents the factory setting is 150 dpi Color and the default file format is PDF. The machine automatically creates file names based on the current date. (For details, see Quick Setup Guide.) For example, the fifth image scanned on July 1, 2006 would be named 01070605.PDF. You can change the colour, quality and file name.

Quality	Selectable File Format
150 dpi Color	JPEG / PDF
300 dpi Color	JPEG / PDF
600 dpi Color	JPEG / PDF
200x100 dpi B/W	TIFF / PDF
200 dpi B/W	TIFF / PDF

- 1 Insert a CompactFlash®, Memory Stick®, Memory Stick Pro™, SecureDigital™, MultiMediaCard™ or xD-Picture Card™ into your machine.

WARNING

Do not take out the memory card while **PhotoCapture** is blinking to avoid damaging the card or data stored on the card.

- 2 Load your document.
- 3 Press  (**Scan**).
- 4 Press ▲ or ▼ to choose Scan to Card. Press **OK**.

- 5 Do one of the following.
- To change the quality, go to step 6.
 - Press **Mono Start** or **Colour Start** to start scanning without changing additional settings.
- 6 Press ▲ or ▼ to choose 150 dpi Color, 300 dpi Color, 600 dpi Color, 200x100 dpi B/W or 200 dpi B/W. Press **OK**.
- 7 Do one of the following.
- To change the file type, go to step 8.
 - Press **Mono Start** or **Colour Start** to start scanning without changing additional settings.
- 8 Press ▲ or ▼ to choose JPEG, PDF or TIFF. Press **OK**.



Note

- If you chose colour in the resolution setting, you cannot choose TIFF.
- If you chose monochrome in the resolution setting, you cannot choose JPEG.

- 9 Do one of the following.
- To change the file name, go to step 10.
 - Press **Mono Start** or **Colour Start** to start scanning without changing additional settings.
- 10 The file name is set automatically however, you can set a name of your choice using the dial pad. You can only change the first 6 digits. Press **OK**.



Note

Press **Clear/Back** to delete the current name.

- 11 Press **Mono Start** or **Colour Start**.

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are using the PhotoCapture Center™, you can easily identify and troubleshoot any problems.

When an error message appears on the LCD, the machine will beep to get your attention.

■ Media Error

This message will appear if you put in a memory card that is either bad or not formatted, or when there is a problem with the media drive. To clear this error, take out the memory card.

■ No File

This message will appear if you try to access a memory card in the drive (slot) that does not contain a .JPG file.

■ Out of Memory

This message will appear if you are working with images that are too large for the machine's memory.



Your Brother machine supports the PictBridge standard, allowing you to connect to and print photos directly from any PictBridge compatible digital camera.

Before Using PictBridge

PictBridge requirements

To avoid errors, remember the following points:

- The machine and the digital camera must be connected using a suitable USB cable.
- The image file extension must be .JPG (Other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized).
- PhotoCapture Center operations are not available when using the PictBridge feature.

Using PictBridge

Setting your digital camera

Make sure your camera is in PictBridge mode. Some of the settings listed below may not be available for your PictBridge compatible digital camera.

Camera Menu Selections	Options
Paper Size	Letter, A4, 10x15cm, Printer Settings (Default setting) ²
Paper Type	Plain Paper, Glossy Paper, Inkjet Paper, Printer Settings (Default setting) ²
Layout	Borderless: On, Borderless: Off, Printer Settings (Default setting) ²
DPOF setting ¹	-
Print Quality	Normal, Fine, Printer Settings (Default setting) ²
Colour Enhancement	On, Off, Printer Settings (Default setting) ²

¹ See *DPOF printing* on page 96 for more details.

² If your camera is set to use the Printer Settings (Default setting), the machine will print your photo using the settings below.

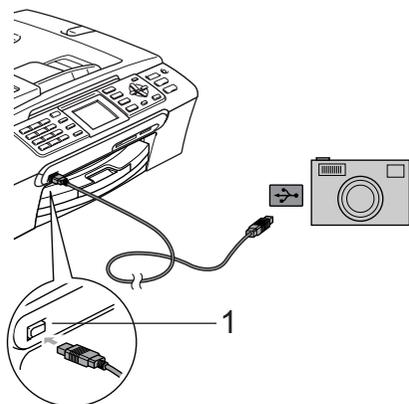
Settings	Options
Paper Size	10x15cm
Paper Type	Glossy Paper
Layout	Borderless: On
Print Quality	Fine
Colour Enhancement	Off

- The names and availability of each setting depends on the specification of your camera.

Please refer to the documentation supplied with your camera for more detailed information on changing PictBridge settings.

Printing Images

- 1 Make sure that your camera is turned off. Connect your camera to the PictBridge port on the machine using the USB cable.



1 PictBridge port



Note

Remove any memory cards from the machine before connecting the digital camera.

- 2 Turn on the camera. When the machine has recognized the camera, the LCD shows *Camera Connected*.

When the machine starts printing a photo, the LCD will show *Printing*.



WARNING

To prevent damage to your machine, do not connect any device other than a PictBridge compatible camera to the PictBridge port.

DPOF printing

DPOF stands for Digital Print Order Format.

Major digital camera manufacturers (Canon Inc., Eastman Kodak Company, Fuji Photo Film Co. Ltd., Matsushita Electric Industrial Co. Ltd. and Sony Corporation) created this standard to make it easier to print images from a digital camera.

If your digital camera supports DPOF printing, you will be able to choose on the digital camera display the images and number of copies you want to print.

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are using the PictBridge, you can easily identify and troubleshoot any problems.

■ Out of Memory

This message will appear if you are working with images that are too large for the machine's memory.

■ Wrong USB device

This message will appear if you connect a non-PictBridge compatible or broken device to the PictBridge port. To clear the error, unplug the device from the PictBridge port, then press **Power Save** to turn the machine off and then on again.

See *Error messages* on page 124 for the detailed solution.



Software

Software and Network features

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Software and Network features

The CD-ROM includes the Software User's Guide and Network User's Guide for features available when connected to a computer (for example, printing and scanning). The guide has easy to use links that, when clicked, will take you directly to a particular section.

You can find information on these features:

- Printing
- Scanning
- ControlCenter3 (for Windows®)
- ControlCenter2 (for Macintosh®)
- Remote Setup
- Faxing from your computer
- PhotoCapture Center™
- Network Printing
- Network Scanning
- Wireless Network User's (MFC-665CW only)

How to read HTML User's Guide

This is a quick reference for using the HTML User's Guide.

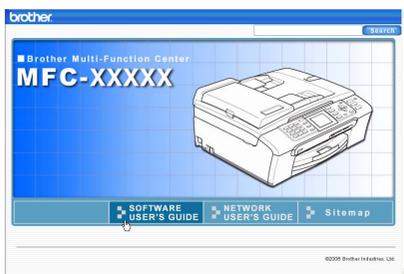
(For Windows®)



Note

If you have not installed the software, see *Viewing Documentation* on page 2.

- 1 From the **Start** menu, point to **Brother**, **MFC-XXXX** (where XXXX is your model number) from the programs group, then click **User's Guide**.
- 2 Click **Software User's Guide** (or **Network User's Guide**) from the top menu.



- 3 Click the heading you would like to view from the list at the left of the window.



(For Macintosh®)

- 1 Make sure your Macintosh® is turned on. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 Double-click the **Documentation** icon.
- 3 Double-click your language folder, and then double-click the top page file.
- 4 Click **SOFTWARE USER'S GUIDE** (or **NETWORK USER'S GUIDE**) in the top menu, and then click the heading you would like to read from the list at the left of the window.





Appendixes

Safety and Legal	108
Troubleshooting and Routine Maintenance	118
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A

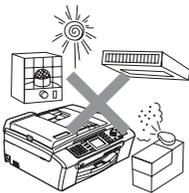
Safety and Legal

Choosing a location

Put your machine on a flat, stable surface that is free of vibration and shocks, such as a desk. Put the machine near a telephone socket and a standard grounded electrical socket. Choose a location where the temperature remains between 10° and 35° C (50° F and 95° F).

! CAUTION

- Avoid placing your machine in a high-traffic area.
- Avoid placing your machine on a carpet.
- DO NOT put the machine near heaters, air conditioners, refrigerators, medical equipment, chemicals or water.
- DO NOT expose the machine to direct sunlight, excessive heat, moisture, or dust.
- DO NOT connect your machine to electrical socket controlled by wall switches or automatic timers.
- Disruption of power can wipe out information in the machine's memory.
- Do not connect your machine to electrical socket on the same circuit as large appliances or other equipment that might disrupt the power supply.
- Avoid interference sources, such as speakers or the base units of non-Brother cordless phones.



To use the machine safely

Please keep these instructions for later reference and read them before attempting any maintenance.



Note

(MFC-665CW only)

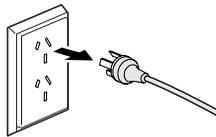
If there are faxes in the machine's memory you need to print them or save them unplug the machine from the electrical socket before for more than 24 hours. (To print the faxes in memory, see *Printing a fax from the memory* on page 46. To save the faxes in memory, see *Transferring faxes to another fax machine* on page 127 or *Transferring faxes to your PC* on page 127.)



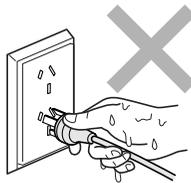
WARNING



There are high voltage electrodes inside the machine. Before you clean the inside of the machine, make sure you have unplugged the telephone line cord first and then the power cord from the electrical socket. Doing this will prevent an electrical shock.



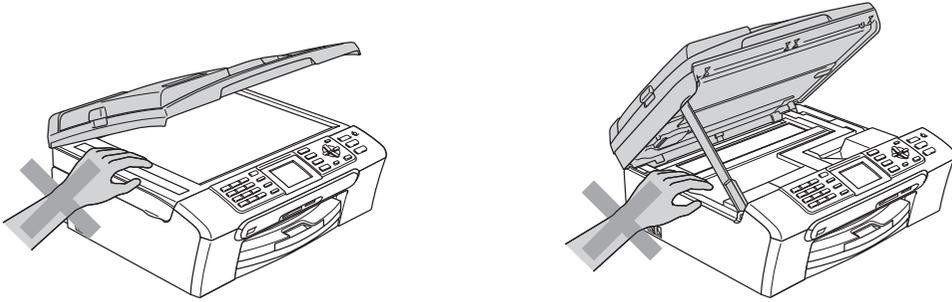
DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.



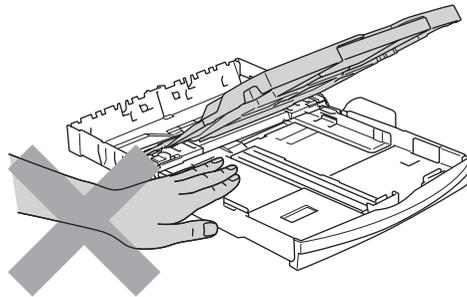
DO NOT pull on the middle of the AC power cord. Doing this might cause an electrical shock.



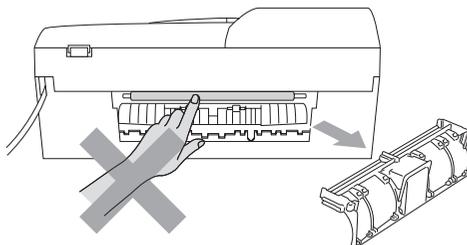
DO NOT put your hands on the edge of the machine under the document cover or the scanner cover. Doing this may cause injury.



DO NOT put your hands on the edge of the paper tray under the output paper tray cover. Doing this may cause injury.

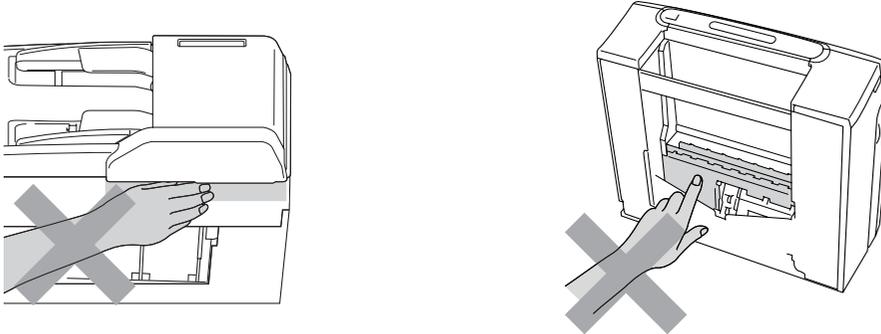


DO NOT touch the paper feed roller. Doing this may cause injury.

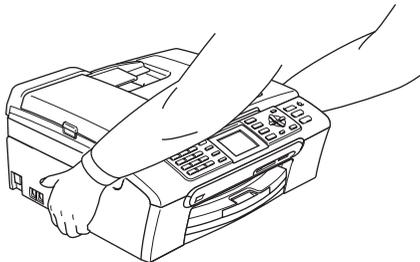




DO NOT touch the area shaded in the illustration. Doing this may cause injury.



When moving the machine you must lift it from the base, by placing a hand at each side of the unit as shown in the illustration. Do not carry the machine by holding the scanner cover.



If the machine becomes hot, releases smoke, or generates any strong smells, immediately unplug the machine from the electrical socket. Call Brother dealer for service.

If metal objects, water or other liquids get inside the machine, immediately unplug the machine from the electrical socket. Call Brother dealer for service.

WARNING

- Use caution when installing or modifying telephone lines. Never touch telephone wires or terminals that are not insulated unless the telephone line has been unplugged at the wall socket. Never install telephone wiring during a lightning storm. Never install a telephone wall socket in a wet location.
- This product must be installed near an electrical socket that is easily accessible. In case of an emergency, you must unplug the power cord from the electrical socket to shut off the power completely.
- Always make sure the plug is fully inserted.

WARNING

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to people, including the following:

- 1 DO NOT use this product near water, for example, near a bath tub, wash bowl, kitchen sink or washing machine, in a wet basement or near a swimming pool.
- 2 Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- 3 DO NOT use this product to report a gas leak in the vicinity of the leak.

IMPORTANT-For Your Safety

To ensure safe operation, the two-pin plug or the three-pin plug supplied must be inserted only into a standard two-pin power point or three-pin power point which is effectively grounded through the normal household wiring.

Extension cords used with the equipment must be two-conductor or three-conductor and be correctly wired to provide connection to ground. Incorrectly wired extension cords are a major cause of fatalities.

The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, consult a qualified electrician.

Disconnect device

This machine must be installed near a power outlet, which is easily accessible. In case of emergencies, you must disconnect the power cord from the power outlet in order to shut off power completely.

LAN connection

 **CAUTION**

Do not connect this product to a LAN connection that is subject to over-voltages.

Important Information

Important Safety Instructions

- 1 Read all of these instructions.
- 2 Save them for later reference.
- 3 Follow all warnings and instructions marked on the product.
- 4 Unplug this product from the wall outlet before cleaning the outside of the machine and the scanner glass. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- 5 Do not place this product near water.
- 6 Do not place this product on an unstable cart, stand, or table. The product may drop, causing serious damage to the product.
- 7 Slots and openings in the casing at the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or on a radiator or heater. This product should never be placed in a built-in installation unless adequate ventilation is provided.
- 8 This product should be connected to an AC power source within the range indicated on the rating label. DO NOT connect it to a DC power source. If you are not sure, contact a qualified electrician.
- 9 This product is equipped with a 2-wire grounding type plug or a 3-wire grounding type plug (Only for Singapore, Malaysia, Hong Kong and India), a plug having two or three pins. This plug will only fit into only a grounding-type power socket. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
- 10 Do not place anything on top of the power cord including this machine. Do not allow the power cord to be stepped on.
- 11 If an extension cord is used with this product, make sure that the total ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating.
- 12 Do not place anything in front of the machine that will block received faxes. Do not place anything in the path of received faxes.
- 13 Do not touch a document during printing.
- 14 Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in the risk of fire or electric shock. Never spill liquid of any kind on the product.
- 15 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points and/or other risks, and may void your warranty. Please refer all servicing to our Authorized Service Personnel. A list of Authorized Service Centres has been included for your convenience, or you may contact the Brother Dealer for Service.

16 Unplug this product from the wall outlet and refer servicing to Authorized Service Personnel under the following conditions:

- If the power cord is damaged or frayed.
- If the product has been spilled by liquid.
- If the product has been exposed to rain or water.
- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Incorrect 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 product has been dropped or the casing has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

17 To protect your product against power surges, we recommend the use of a power protection device (Surge Protector).



WARNING

For protection against the risk of electrical shock, always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.

This equipment may not be used on coin service lines provided by the telephone company or connected to party lines.

Brother cannot accept any financial or other responsibilities that may be the result of your use of this information, including direct, special or consequential damages. There are no warranties extended or granted by this document.

IMPORTANT NOTICE

Under power failure conditions, this telephone may not operate.

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It is an offence to make reproductions of certain items or documents with the intent to commit fraud. This memorandum is intended to be a guide rather than a complete list.

We suggest you check with relevant legal authorities if in doubt about a particular item or document.

The following are examples of documents which may not be copied:

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- Bonds or other certificates of indebtedness
- Certificates of Deposit
- Armed Forces Service or Draft papers.
- Passports
- Postage Stamps (cancelled or uncanceled)
- Immigration Papers
- Welfare documents
- Cheques or Drafts drawn by Governmental Agencies
- Identification Documents, badges or insignias
- Licences and Certificates of Title to motor vehicles

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PictBridge is a trademark.

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B

Troubleshooting and Routine Maintenance

Troubleshooting

If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips.

Most problems can be easily resolved by yourself. If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips. Visit us at <http://solutions.brother.com>.

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout	Check the interface cable or wireless connection (MFC-665CW only) on both the machine and your computer. (See the <i>Quick Setup Guide</i> .)
	Make sure the machine is plugged in and not in Power Save mode.
	One or more ink cartridges are empty. (See <i>Replacing the ink cartridges</i> on page 131.)
	Check to see if the LCD is showing an error message. (See <i>Error messages</i> on page 124.)
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. Click Start and then Printers and Faxes . Right-click and choose Brother MFC-XXXX (where XXXX is your model name), and make sure that Use Printer Offline is unchecked.
Poor print quality	Check the print quality. (See <i>Checking the print quality</i> on page 136.)
	Make sure that the Media Type setting in the printer driver or the Paper Type setting in the machine's menu matches the type of paper you are using. (See <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM and <i>Paper Type</i> on page 23.)
	Make sure that your ink cartridges are fresh. The following may cause ink to clog: <ul style="list-style-type: none"> ■ The expiration date written on the cartridge package has passed. (Cartridges stay usable for up to two years if kept in their original packaging.) ■ The ink cartridge was in your machine over six months. ■ The ink cartridge may not have been stored properly before use.
	Try using the recommended types of paper. (See <i>Acceptable paper and other media</i> on page 11.)
	The recommended environment for your machine is between 20° C to 33° C (68° F to 91° F).
White horizontal lines appear in text or graphics.	Clean the print head. (See <i>Cleaning the print head</i> on page 136.)
	Try using the recommended types of paper. (See <i>Acceptable paper and other media</i> on page 11.)
	If you want to print on Photo 10×15cm or photo L 9×13cm paper, make sure you use the photo paper tray. (See <i>Loading photo paper</i> on page 18.)
The machine prints blank pages.	Clean the print head. (See <i>Cleaning the print head</i> on page 136.)

Printing (Continued)

Difficulty	Suggestions
Characters and lines are stacked.	Check the printing alignment. (See <i>Checking the printing alignment</i> on page 137.)
Printed text or images are skewed.	Make sure the paper is loaded properly in the paper tray and the paper side guide is adjusted correctly. (See <i>Loading paper and other media</i> on page 15.)
	Make sure the Jam Clear Cover is set properly.
Smudged stain at the top center of the printed page.	Make sure the paper is not too thick or curled. (See <i>Acceptable paper and other media</i> on page 11.)
Printing appears dirty or ink seems to run.	Make sure you are using the proper types of paper. (See <i>Acceptable paper and other media</i> on page 11.) Don't handle the paper until the ink is dry.
Stains appear on the reverse side or at the bottom of the page.	Make sure the printer platen is not dirty with ink. (See <i>Cleaning the machine printer platen</i> on page 135.)
	Make sure you are using the paper support flap. (See <i>Loading paper and other media</i> on page 15.)
There are some dense lines.	Check Reverse Order in the Basic tab of the printer driver.
The printouts are wrinkled.	In the printer driver Basic tab, click Settings , and uncheck Bi-Directional Printing .
Cannot perform '2 in 1 or 4 in 1' printing.	Check that the paper size setting in the application and in the printer driver are the same.
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time. Try the other quality settings in the printer driver Basic tab. Also, click the Settings tab, and make sure you uncheck Colour Enhancement .
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM.)
Colour Enhancement is not working properly.	If the image data is not full colour in your application (such as 256 colour), Colour Enhancement will not work. Use at least 24 bit colour data with the Colour Enhancement feature.
Machine feeds multiple pages.	Make sure the paper is loaded properly in the paper tray. (See <i>Loading paper and other media</i> on page 15.)
	Check that more than two types of paper are not loaded in the paper tray at any one time.
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See <i>Loading paper and other media</i> on page 15.)
Printed pages double feed and cause a paper jam.	Make sure you pull out the paper support until it clicks and unfold the paper support flap.
Machine does not print from Paint Brush.	Try setting the Display setting to '256 colours.'
Machine does not print from Adobe Illustrator.	Try to reduce the print resolution. (See <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM.)
Machine cannot print full pages of a document. Out of memory message occurs.	Reduce the print resolution. (See <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM.)
	Reduce the complexity of your document and try again. Reduce the graphic quality or the number of font sizes within your application software.

Printing Received Faxes

Difficulty	Suggestions
Condensed print and white streaks across the page or the top and bottom of sentences are cut off.	You probably had a bad connection, with static or interference on the telephone line. Ask the other party to send the fax again.
Vertical black lines when receiving.	The sender's scanner may be dirty. Ask the sender to make a copy to see if the problem is with the sending machine. Try receiving from another fax machine.
Received colour fax prints only in black and white.	Replace the colour ink cartridges that are empty or nearly empty, and then ask the other person to send the colour fax again. (See <i>Replacing the ink cartridges</i> on page 131.) Check that Advanced Fax Operation is set to off. (See <i>Turning off Advanced Fax Operations</i> on page 72.)
Left and Right margins are cut off or a single page is printed on two pages.	Turn on Auto Reduction. (See <i>Printing a reduced incoming fax</i> on page 45.)

Phone Line or Connections

Difficulty	Suggestions
Dialling does not work. (No dial tone)	Make sure the machine is plugged in and not in Power Save mode.
	Check all line cord connections.
	Change Tone/Pulse setting. (See <i>Quick Setup Guide</i> .)
	Lift the external phone's handset, (or the machine's handset or cordless handset if available), and then dial the number to send a manual fax. Wait to hear fax receiving tone before pressing Mono Start or Colour Start .
The machine does not answer when called.	Make sure the machine is in the correct receiving mode for your setup. (See <i>Choosing the Receive Mode</i> on page 40.) Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If there is no ringing when you call your machine, ask your telephone company to check the line.

Receiving Faxes

Difficulty	Suggestions
Cannot receive a fax.	Check all line cord connections.
	Make sure the machine is in the correct receiving mode for your setup. (See <i>Receive mode settings</i> on page 43.)
	If you often have interference on the phone line, try changing the menu setting of Compatibility to Basic . (See <i>Phone line interference</i> on page 131.)

Sending Faxes

Difficulty	Suggestions
Cannot send a fax.	Check all line cord connections.
	Make sure that the Fax  key is illuminated. (See <i>Entering Fax mode</i> on page 32.)
	Ask the other party to check that the receiving machine has paper.
	Print the Transmission Verification Report and check for an error. (See <i>Reports</i> on page 79.)
Transmission Verification Report says 'Result:ERROR'.	There is probably temporary noise or static on the line. Try sending the fax again. If you send a PC FAX message and get 'Result:NG' on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Advanced Fax Operation (see <i>Turning off Advanced Fax Operations</i> on page 72), print fax messages in memory (see <i>Printing a fax from the memory</i> on page 46) or cancel a Delayed Fax or Polling Job (see <i>Cancelling a fax in progress</i> on page 33). If the problem continues, ask the telephone company to check your phone line.
	If you often get transmission errors due to possible interference on the phone line, try changing the menu setting of Compatibility to <i>Basic</i> . (See <i>Phone line interference</i> on page 131.)
Poor fax send quality.	Try changing your resolution to <i>Fine</i> or <i>S.Fine</i> . Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner. (See <i>Cleaning the scanner</i> on page 134.)
Vertical black lines when sending.	If the copy you made shows the same problem, clean the scanner. (See <i>Cleaning the scanner</i> on page 134.)

Handling Incoming Calls

Difficulty	Suggestions
The machine 'Hears' a voice as a CNG Tone.	If Fax Detect is set to on, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax receiving tones. Deactivate the machine by pressing Stop/Exit . Try avoiding this problem by turning Fax Detect to off. (See <i>Fax Detect</i> on page 44.)
Sending a fax call to the machine.	If you answered on an external or extension phone, press your Fax Receive Code (the factory setting is ✕51). When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, an alarm system EFTPOS, PC/FAX modem or other custom feature on a single phone line with your machine, it may create a problem sending or receiving faxes. For example: If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, a separate phone line with no custom features is recommended.

Copying Difficulties

Difficulty	Suggestions
Cannot make a copy.	Make sure that the Copy  key is illuminated. (See <i>Entering Copy mode</i> on page 84.)
Vertical streaks appear in copies.	If you see vertical streaks on copies, clean the scanner. (See <i>Cleaning the scanner</i> on page 134.)
Poor copy results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 10.)

Scanning Difficulties

Difficulty	Suggestions
TWAIN/WIA errors appear while scanning.	Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In PageManager® with OCR, click File, Scan and choose the Brother TWAIN/WIA driver.
Poor scanning results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 10.)

Software Difficulties

Difficulty	Suggestions
Cannot install software or print.	Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software.
'Device Busy'	Make sure the machine is not showing an error message on the LCD.

PhotoCapture Center™ Difficulties

Difficulty	Suggestions
Removable Disk does not work properly.	<ol style="list-style-type: none"> 1 Have you installed the Windows® 2000 update? If not, do the following: <ol style="list-style-type: none"> 1) Unplug the USB cable. 2) Install the Windows® 2000 update, and see the Quick Setup Guide. After the installation the PC will be automatically restarted. 3) Wait about 1 minute after you restart the PC, and then connect the USB cable. 2 Take out the memory card and put it back in again. 3 If you have tried 'Eject' from within Windows®, take out the memory card before you continue. 4 If an error message appears when you try to eject the memory card, it means the card is being accessed. Wait a while and then try again. 5 If all of the above do not work, turn off your PC and machine, and then turn them on again. (You will have to unplug the power cord of the machine to turn it off.)
Cannot access Removable Disk from Desktop icon.	Make sure you have put the memory card into the media slot.

Network Difficulties

Difficulty	Suggestions
Cannot print over the Network.	<p>Make sure that your machine is powered on and is online and in Ready mode. Print a Network Configuration list (see <i>Reports</i> on page 79.) and check the current Network settings printed in this list. Reconnect the LAN cable to the hub to verify that the cabling and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. If the connections are good, the machine shows <code>LAN Active</code> for 2 seconds.</p> <p>(If you are using a wireless connection (MFC-665CW only) or are having Network problems, see the Network User's Guide on the CD-ROM for more information.)</p>
<p>The network scanning feature does not work.</p> <p>The network PC-Fax Receive feature does not work.</p>	<p>(For Windows® users only) Firewall setting on your PC may be rejecting the necessary network connection. Follow the instructions below to configure the Firewall. If you are using a personal Firewall software, see the User's Guide for your software or contact the software manufacturer.</p> <p><Windows® XP SP2 users></p> <ol style="list-style-type: none"> 1 Click the Start button, Control Panel and then Windows Firewall. Make sure that Windows Firewall on the General tab is set to On. 2 Click Advanced tab and Settings button in Network Connection Settings. 3 Click Add button, and in the "Description of service" field, enter any name. In the "Name or IP Address" field enter "localhost". In the internal and external port numbers fields enter "54925" for network scanning. Choose UDP and click OK. Repeat this step adding Port 54926 for network PC-FAX receiving and Port 137 for Windows®. 4 Make sure the new settings are added and the box is checked, and then click OK.
Your computer cannot find your machine.	<p><Windows® users></p> <p>Firewall setting on you PC may be rejecting the necessary network connection. For detail, see the instruction above.</p> <p><Macintosh® users></p> <p>Re-select your machine in the DeviceSelector application located in Macintosh HD/Library/Printers/Brother/Utilities or from the model of ControlCenter2.</p>

Error messages

As with any sophisticated office product, errors may occur. If this happens, your machine identifies the error and shows an error message. The most common error messages are shown below.

You can correct most errors by yourself. If you need more help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips.

Visit us at <http://solutions.brother.com>.

Error Message	Cause	Action
Comm.Error	Poor phone line quality caused a communication error.	Try to send the fax again or try to connect the machine to another telephone line. If the problem continues, call the telephone company and ask them to check your phone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cover is Open	The scanner cover is not closed completely.	Lift the scanner cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Re-start printing from your computer.
	Print data is left in the machine's memory. The USB cable was unplugged while the computer was sending the data to the machine.	Press Stop/Exit . The machine will cancel the job and clear it from the memory. Try to print again.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again.
Document Jam	The document was not inserted or fed properly, or the document scanned from the ADF was too long.	See <i>Using the ADF</i> on page 9. See <i>Document jam</i> on page 128.
High Temperature	The print head is too warm.	Allow the machine to cool down.
Ink Empty	One or more of the ink cartridges is empty. The machine will stop all print operations. While memory is available, black and white faxes will be stored in the memory. If a sending machine has a colour fax, the machine's 'handshake' will ask that the fax be sent as black and white. If the sending machine has the ability to convert it, the colour fax will be stored in the memory as a black and white fax.	Replace the ink cartridges. (See <i>Replacing the ink cartridges</i> on page 131.)

Error Message	Cause	Action
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, improperly formatted, or there is a problem with the memory card.	Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive by putting in another memory card that you know is working.
Near Empty	One or more of the ink cartridges are running out of ink. If a sending machine has a colour fax, the machine's 'handshake' will ask that the fax be sent as black and white. If the sending machine has the ability to convert it, the colour fax will be received into memory as a monochrome fax.	Order a new ink cartridge.
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature call your telephone company. (See <i>Caller ID feature</i> on page 50.)
No Cartridge	An ink cartridge is not installed properly.	Reinstall the ink cartridge. (See <i>Replacing the ink cartridges</i> on page 131.)
No File	The memory card in the media drive does not contain a .JPG file.	Put the correct memory card into the slot again.
No Paper Fed	The machine is out of paper or paper is not properly loaded in the paper tray.	Do one of the following: <ul style="list-style-type: none"> ■ Refill the paper in the paper tray, and then press Mono Start or Colour Start. ■ Remove the paper and load it again and then press Mono Start or Colour Start.
	The paper is jammed in the machine.	See <i>Printer jam or paper jam</i> on page 129.
No Response/Busy	The number you dialled does not answer or is busy.	Verify the number and try again.
Not Registered	You tried to access a Speed Dial number that is not programmed.	Set up the Speed Dial number. (See <i>Storing Speed-Dial numbers</i> on page 57.)

Error Message	Cause	Action
Out of Memory	The machine's memory is full.	<p>Fax sending or copy operation in progress</p> <p>Do one of the following:</p> <ul style="list-style-type: none"> ■ Press Stop/Exit and wait until the other operations in progress finish and then try again. ■ Clear the data in the memory. To gain extra memory, you can turn off Advanced Fax Operation. (See <i>Turning off Advanced Fax Operations</i> on page 72.) ■ Print the faxes that are in the memory. (See <i>Printing a fax from the memory</i> on page 46.) <p>Printing operation in progress</p> <p>Reduce print resolution. (For details, see <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM.)</p>
Paper Jam	Paper is jammed in the machine.	Open the Jam Clear Cover (at the back of the machine) and remove the jammed paper. (See <i>Printer jam or paper jam</i> on page 129.)
Unable to Change XX Unable to Clean XX Unable to Init. XX Unable to Print XX Unable to Scan XX	<p>The machine has a mechanical problem.</p> <p>—OR—</p> <p>A foreign objects such as a clip or ripped paper is in the machine.</p>	<p>Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, do one of the following:</p> <ul style="list-style-type: none"> ■ (MFC-440CN only) See <i>Transferring your faxes or Fax Journal report</i> on page 127 before disconnecting the machine so you will not lose any important messages. Then, disconnect the machine from the power for several minutes and then reconnect it. ■ (MFC-665CW only) Disconnect the machine from the power for several minutes, then reconnect it. (The machine can be turned off for up to 24 hours without losing faxes stored in the memory. See <i>Transferring your faxes or Fax Journal report</i> on page 127.)
Wrong Paper Size	Paper is not the correct size.	Load the correct size of paper (Letter, Legal or A4), and then press Mono Start or Colour Start .
Wrong USB device	A non-PictBridge compatible or broken device has been connected to the PictBridge port.	Unplug the device from the PictBridge port, then press Power Save to turn the machine off and then on again.

Transferring your faxes or Fax Journal report

If the LCD shows:

- Unable to Change XX
- Unable to Clean XX
- Unable to Init. XX
- Unable to Print XX
- Unable to Scan XX

We recommend transferring your faxes to another fax machine or to your PC. (See *Transferring faxes to another fax machine* or *Transferring faxes to your PC* as detailed below.)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (See *Transferring Fax Journal report to another fax machine* on page 128.)



Note

If there is an error message on the machine's LCD, after the faxes have been transferred, disconnect the machine from the power source for several minutes, and then reconnect it.

Transferring faxes to another fax machine

If you have not set up your Station ID (See Quick Setup Guide.), you cannot enter fax transfer mode.

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- 2 Press **Menu**.
- 3 Press **▲** or **▼** to choose *Service*. Press **OK**.
- 4 Press **▲** or **▼** to choose *Data Transfer*. Press **OK**.

- 5 Press **▲** or **▼** to choose *Fax Transfer*. Press **OK**.
- 6 Do one of the following:
 - If the LCD shows *No Data*, there are no faxes left in the machine's memory. Press **Stop/Exit**.
 - Enter the fax number to which faxes will be forwarded.
- 7 Press **Mono Start**.

Transferring faxes to your PC

You can transfer the faxes from your machine's memory to your PC.

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- 2 Make sure you have installed **MFL-Pro Suite** on your PC, and then turn on **PC FAX Receiving** on the PC. (For details see *PC-FAX receiving for Windows®* in the Software User's Guide on the CD-ROM.)
- 3 Make sure you have set **PC Fax Receive** on the machine. (See *PC Fax Receive* on page 71.)
If faxes are in the machine's memory when you set up **PC Fax Receive**, the LCD will ask if you want to transfer the faxes to your PC.
- 4 Do one of the following:
 - To transfer all faxes to your PC, press **1**. You will be asked if you want a backup print.
 - To exit and leave the faxes in the memory, press **2**.
- 5 Press **Stop/Exit**.

Transferring Fax Journal report to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode.

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- 2 Press **Menu**.
- 3 Press **▲** or **▼** to choose *Service*. Press **OK**.
- 4 Press **▲** or **▼** to choose *Data Transfer*. Press **OK**.
- 5 Press **▲** or **▼** to choose *Report Trans..* Press **OK**.
- 6 Enter the fax number to which Fax Journal report will be forwarded.
- 7 Press **Mono Start**.

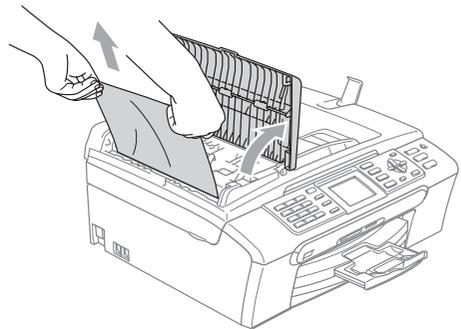
Document jam

Documents can jam if they are not inserted or fed properly, or if they are too long. Follow the steps below to clear a document jam.

Document is jammed in the top of the ADF unit

- 1 Take out any paper from the ADF that is not jammed.
- 2 Open the ADF cover.

- 3 Pull the jammed document up and to the left.



- 4 Close the ADF cover.
- 5 Press **Stop/Exit**.

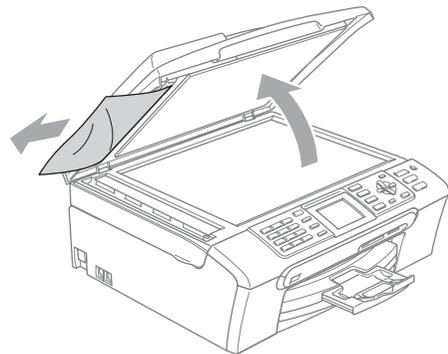


Note

To avoid document jams close the ADF cover properly by pressing it down in the center.

Document is jammed inside the ADF unit

- 1 Take out any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3 Pull the jammed document out to the left.

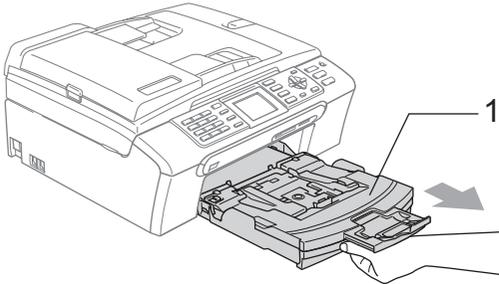


- 4 Close the document cover.
- 5 Press **Stop/Exit**.

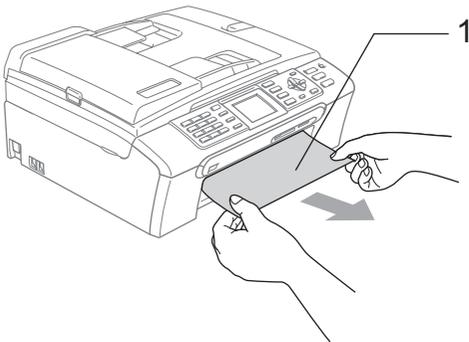
Printer jam or paper jam

Take out the jammed paper depending on where it is jammed in the machine. Open and close the scanner cover to clear the error.

- 1 Pull the paper tray (1) out of the machine.

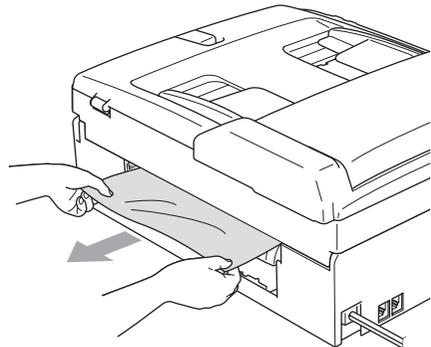
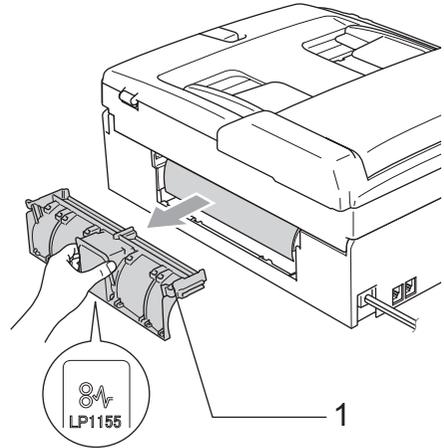


- 2 Pull out the jammed paper (1).

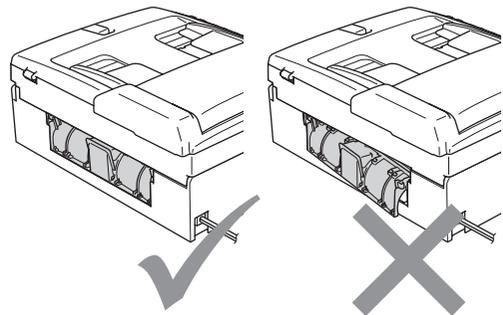


- If you cannot remove the jammed paper from the front of the machine, or the error message still appears on the LCD after you have removed the jammed paper, please go to the next step.

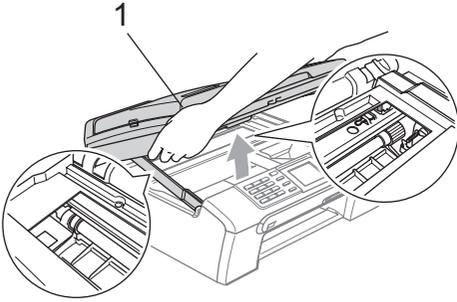
- 3 Remove the Jam Clear Cover (1) from the back of the machine. Pull the jammed paper out of the machine.



- 4 Put the Jam Clear Cover back on. Make sure the cover is set properly.



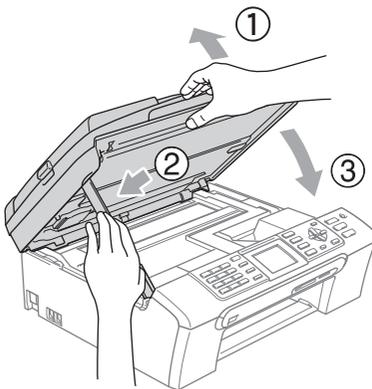
- 5 Lift the scanner cover (1) from the front of the machine until it locks securely into the open position. Make sure that there is no jammed paper left inside the machine. Check both ends of the print cartridge.



 **Note**

If the paper is jammed under the print head, unplug the machine from the power source, and then move the print head to take out the paper.

- 6 Lift the scanner cover to release the lock (1). Gently push the scanner cover support down (2) and close the scanner cover (3).

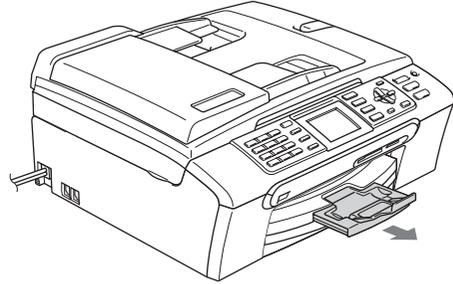


- 7 Push the paper tray firmly back into the machine.



Note

Make sure you pull out the paper support until it clicks.



Dial Tone detection

When you send a fax automatically, by default your machine will wait for a fixed amount of time before it starts to dial the number. By changing the Dial Tone setting to *Detection* you can make your machine dial as soon as it detects a dial tone. This setting can save a small amount of time when sending a fax to many different numbers. If you change the setting and start having problems with dialling you should change back to the factory *No Detection* setting.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose *Initial Setup*. Press **OK**.
- 3 Press **▲** or **▼** to choose *Dial Tone*. Press **OK**.
- 4 Press **▲** or **▼** to choose *Detection* or *No Detection*. Press **OK**.
- 5 Press **Stop/Exit**.

Phone line interference

If you are having problems sending or receiving a fax due to possible interference on the phone line, we recommend that you adjust the Equalization for compatibility to reduce the modem speed for fax operations.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Fax**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Miscellaneous**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Compatibility**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Normal** or **Basic**.
 - **Basic** reduces the modem speed to 9600 bps. Unless interference is a recurring problem on your phone line, you may prefer to use it only when needed.
 - **Normal** sets the modem speed at 14400 bps. (factory setting)
 Press **OK**.
- 6 Press **Stop/Exit**.



Note

When you change the compatibility to **Basic**, the ECM feature is only available for colour fax sending.

Routine maintenance

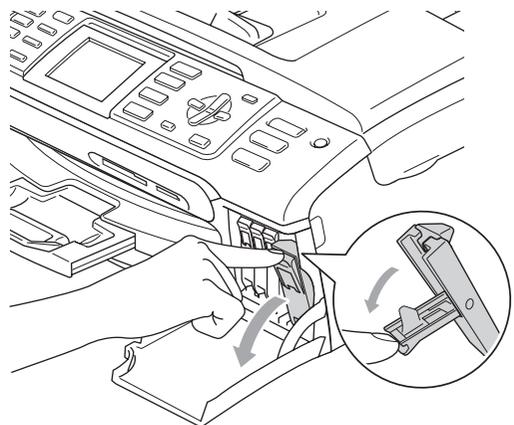
Replacing the ink cartridges

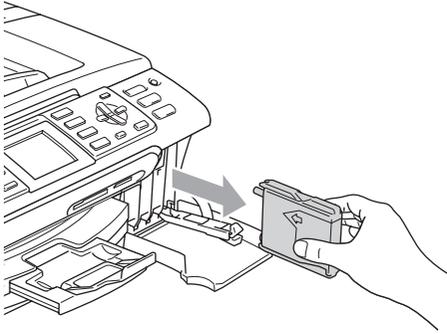
Your machine is equipped with an ink sensor. The ink sensor automatically monitors the level of ink in each of the 4 cartridges. When the machine detects an ink cartridge is running out of ink, the machine will tell you with a message on the LCD.

The LCD will tell you which ink cartridge is low or needs replacing. Be sure to follow the LCD prompts to replace the ink cartridges in the correct order.

Even though the machine tells you that an ink cartridge is empty, there will be a small amount of ink left in the ink cartridge. It is necessary to keep some ink in the ink cartridge to prevent air from entering the print head assembly.

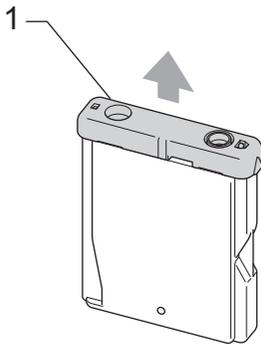
- 1 Open the ink cartridge cover. If one or more ink cartridges are empty, for example **Black**, the LCD shows **Ink Empty** and **Black**.
- 2 Pull the lock release lever down and take out the ink cartridge for the colour shown on the LCD.





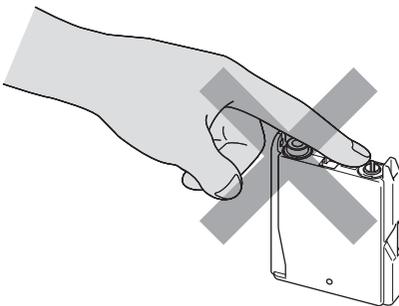
- 3 Open the new ink cartridge bag for the colour shown on the LCD, and then take out the ink cartridge.

- 4 Remove the protective yellow cap (1).



Improper Setup

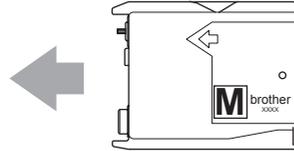
DO NOT touch the area shown in the illustration below.



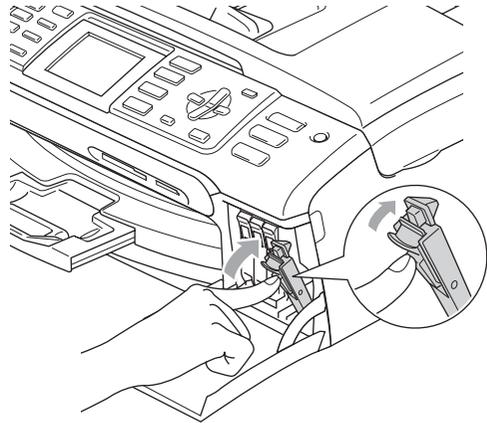
Note

If the protective yellow caps come off when you open the bag, the cartridge will not be damaged.

- 5 Each colour has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.



- 6 Lift the lock release lever and push it until it clicks, and then close the ink cartridge cover.



- 7 The machine will automatically reset the ink dot counter.

Note

- If you replaced an ink cartridge before the LCD shows **Near Empty** or **Ink Empty**, the LCD will ask you to verify that it was a brand new one. (For example, **Did You Change Black**) For each new cartridge you installed, press **1** (Yes) to automatically reset the ink dot counter for that colour. If the ink cartridge you installed is not a brand new one, be sure to press **2** (No).

- If the LCD shows **No Cartridge** after you install the ink cartridges, check that the ink cartridges are installed properly.



WARNING

If ink gets in your eyes, wash them out with water at once and call a doctor if you are concerned.



CAUTION

DO NOT take out ink cartridges if you do not need to replace them. If you do so, it may reduce the ink quantity and the machine will not know the quantity of ink left in the cartridge.

DO NOT touch the cartridge insertion slots. If you do so, the ink may stain your skin.

If ink stains your skin or clothing, wash with soap or detergent at once.

If you mix the colours by installing an ink cartridge in the wrong position, clean the print head several times after correcting the cartridge installation.

Once you open an ink cartridge, install it in the machine and use it up within six months of installation. Use unopened ink cartridges by the expiration date written on the cartridge package.

DO NOT dismantle or tamper with the ink cartridge, this can cause the ink to leak out of the cartridge.

Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance when used with genuine Brother Branded ink cartridges. Brother cannot guarantee this optimum performance if ink or ink cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother Branded cartridges or the refilling of empty cartridges with this machine or the refilling of empty cartridges with ink from other sources. If damage is caused to the print head or other parts of this machine as a result of using incompatible products with this machine, any repairs required as a result may not be covered by the warranty.

Cleaning the outside of the machine



CAUTION

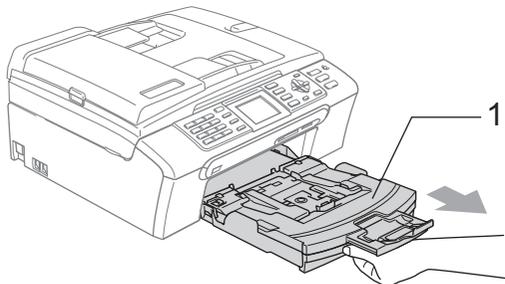
Use neutral detergents. Cleaning with volatile liquids such as thinner or benzene will damage the outside surface of the machine.

DO NOT use cleaning materials that contain ammonia.

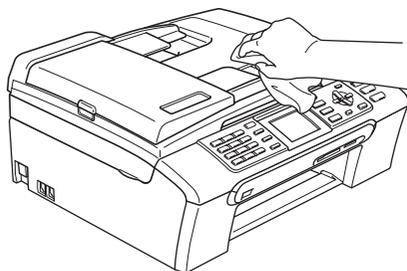
DO NOT use isopropyl alcohol to remove dirt from the control panel. It may crack the panel.

Clean the outside of the machine as follows:

- 1 Pull the paper tray (1) completely out of the machine.

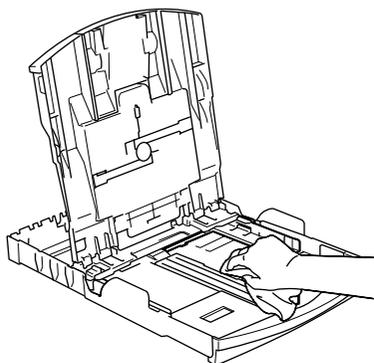


- 2 Wipe the outside of the machine with a soft cloth to remove dust.



- 3 Remove anything that is stuck inside the paper tray.

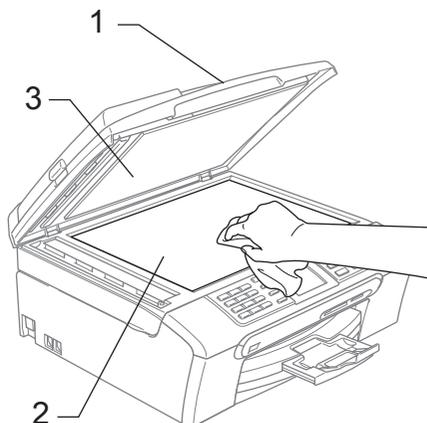
- 4 Wipe the paper tray with a soft cloth to remove dust.



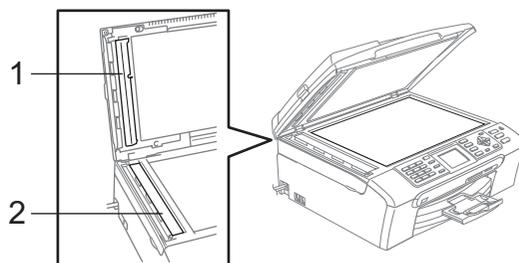
- 5 Put the paper tray firmly back in the machine.

Cleaning the scanner

- 1 Lift the document cover (1). Clean the scanner glass (2) and the white plastic (3) with isopropyl alcohol on a soft lint-free cloth.



- 2 In the ADF unit, clean the white bar (1) and the glass strip (2) under it with isopropyl alcohol on a lint-free cloth.

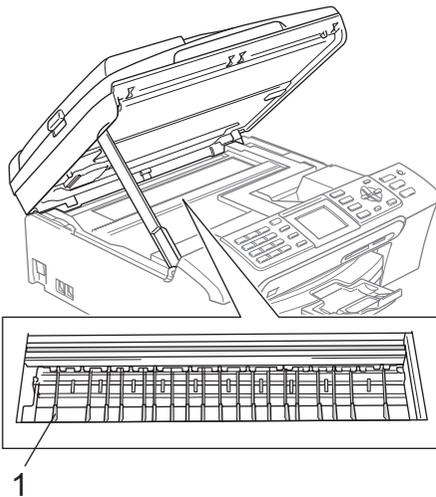


Cleaning the machine printer platen

WARNING

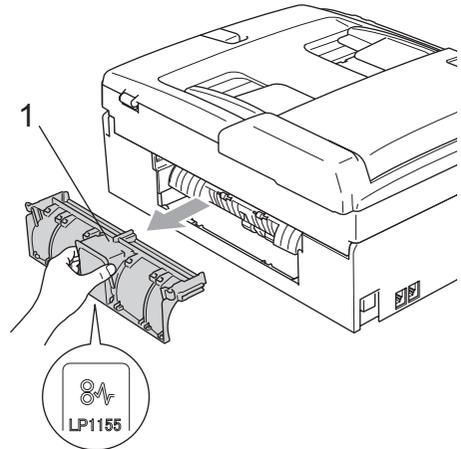
Be sure to unplug the machine from the electrical socket before cleaning the printer platen (1).

- 1 Clean the machine printer platen (1), and the area around it, wiping off with a soft, dry, lint-free cloth.

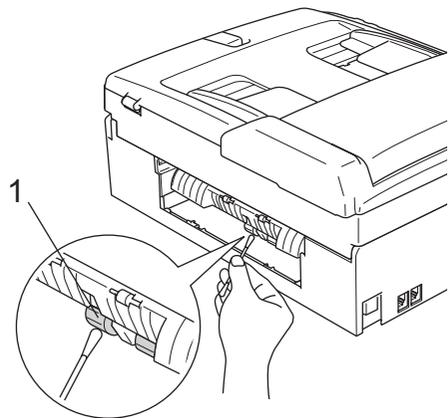


Cleaning the paper pick-up roller

- 1 Pull the paper tray completely out of the machine.
- 2 Unplug the machine from the electrical socket and remove the Jam Clear Cover (1).



- 3 Clean the Paper Pick-up Roller (1) with isopropyl alcohol on a cotton swab.



- 4 Put the Jam Clear Cover back on. Make sure the cover is set properly.
- 5 Put the paper tray firmly back in the machine.
- 6 Re-connect the power cord.

Cleaning the print head

To ensure the good print quality, the machine will regularly clean the print head. You can start the cleaning process manually if needed.

Clean the print head and ink cartridges if you get a horizontal line in the text or graphics on your printed pages. You can clean Black only, three colours at a time (Cyan/Yellow/Magenta), or all four colours at once (Yellow, Cyan, Magenta and Black).

Cleaning the print head consumes ink. Cleaning too often uses ink unnecessarily.

! CAUTION

DO NOT touch the print head. Touching the print head may cause permanent damage and may void the print head's warranty.

- 1 Press **Ink Management**.
- 2 Press ▲ or ▼ to choose **Cleaning**. Press **OK**.
- 3 Press ▲ or ▼ to choose **Black, Color** or **All**. Press **OK**.
The machine cleans the print head. When cleaning is finished, the machine will go back to standby mode automatically.



Note

If you clean the print head at least five times and the print has not improved, call your Brother dealer.

Checking the print quality

If faded or streaked colours and text appear on your output, some of the nozzles may be clogged. You can check this by printing the Print Quality Check Sheet and looking at the nozzle check pattern.

- 1 Press **Ink Management**.
- 2 Press ▲ or ▼ to choose **Test Print**. Press **OK**.
- 3 Press ▲ or ▼ to choose **Print Quality**. Press **OK**.
- 4 Press **Colour Start**.
The machine begins printing the Print Quality Check Sheet.
- 5 Check the quality of the four colour blocks on the sheet.
- 6 The LCD asks you if the print quality is OK.
Do one of the following:
 - If all lines are clear and visible, press **1 (Yes)** to finish the Print Quality check.
 - If you can see missing short lines as shown below, press **2** to choose **No**. Go to step 7.

OK



Poor



- 7 The LCD asks you if the print quality is OK for black and three colours. Press **1 (Yes)** or **2 (No)**.
- 8 The LCD asks you if you want to start cleaning. Press **1 (Yes)**.
The machine starts cleaning the print head.

- 9 After cleaning is finished, press **Colour Start**. The machine starts printing the Print Quality Check Sheet again and then return to step 5. If you repeat this procedure at least five times and the print quality is still poor, replace the ink cartridge for the clogged colour. After replacing the ink cartridge, check the print quality. If the problem still exists, repeat the cleaning and test print procedures at least five times for the new ink cartridge. If ink is still missing, call your Brother dealer.

! CAUTION

DO NOT touch the print head. Touching the print head may cause permanent damage and may void the print head's warranty.

Note



When a print head nozzle is clogged the printed sample looks like this.



After the print head nozzle is cleaned, the horizontal lines are gone.

- 10 Press **Stop/Exit**.

Checking the printing alignment

You may need to adjust the printing alignment after transporting the machine if your printed text becomes blurred or images become faded.

- 1 Press **Ink Management**.
- 2 Press **▲** or **▼** to choose **Test Print**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Alignment**. Press **OK**.
- 4 Press **Mono Start** or **Colour Start**. The machine starts printing the Alignment Check Sheet.
- 5 Check the 600 dpi and 1200 dpi test prints to see if number 5 most closely matches number 0.
- 6 Do one of the following:
 - If the number 5 sample of both the 600 dpi and 1200 dpi are the best matches, press **1** (**Yes**) to finish the Alignment Check.
 - If another test print number is a better match for either 600 dpi or 1200 dpi, press **2** (**No**) to choose it. Go to step 7.
- 7 For 600 dpi, press the number of the test print that most closely matches the number 0 sample (1-8).
- 8 For 1200 dpi, press the number of the test print that most closely matches the number 0 sample (1-8).
- 9 Press **Stop/Exit**.

Checking the ink volume

Although an ink volume icon appears on the LCD, you can use the **Ink Management** key to see a large graph showing the ink that is left in each cartridge.

- 1 Press **Ink Management**.
- 2 Press **▲** or **▼** to choose **Ink Volume**. Press **OK**. The LCD shows the ink volume.
- 3 Press **Stop/Exit**.



Note

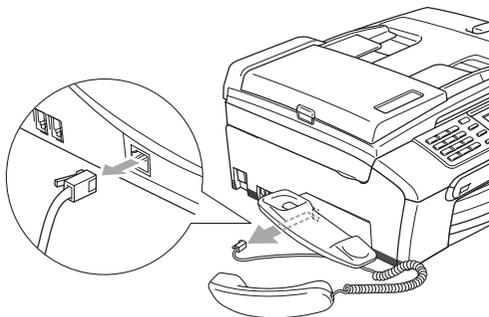
You can check the ink volume from your computer. (See *Printing for Windows®* or *Printing and Faxing for Macintosh®* in the Software User's Guide on the CD-ROM.)

Uninstalling the handset and handset cradle (MFC-665CW only)

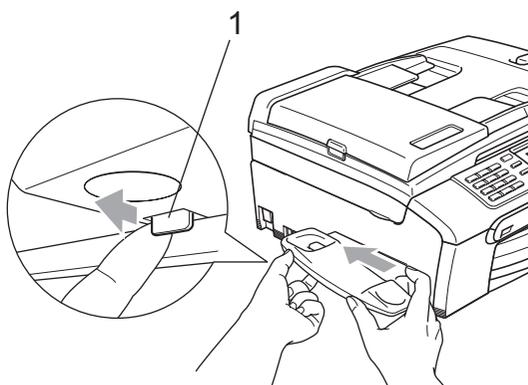
If you do not use the handset and the handset cradle, you can remove them.

Uninstalling the handset and handset cradle

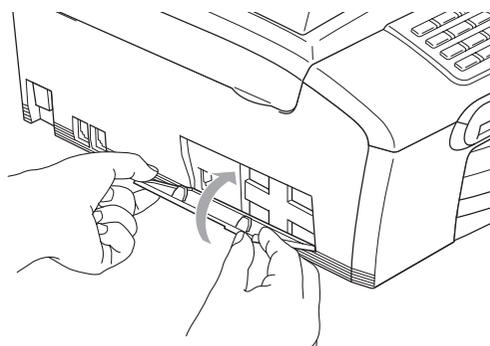
- 1 Unplug the curled handset cord from the machine.



- 2 Pull the knob (1) to the left and hold it in position as you push the cradle to the back of the machine.

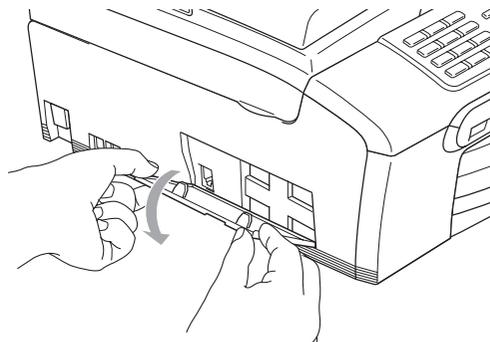


- 3 Attach the side cover.



Installing the handset and handset cradle

- 1 Remove the side cover.

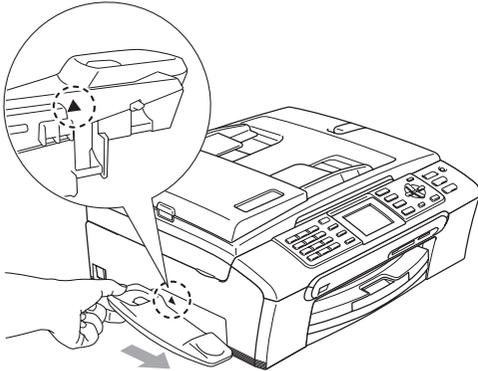




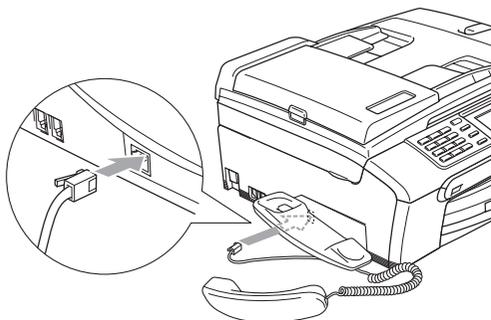
Note

If you cannot open the cover with your hand, use a coin to open.

- 2 Align the recessed arrows on the cradle with those on the machine, and then slide the cradle toward the front of the machine until it clicks into place.



- 3 Connect the curled handset cord to the machine.



Machine Information

Checking the serial number

You can see the machine's serial number on the LCD.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose `Machine Info..`
Press **OK**.
- 3 Press **▲** or **▼** to choose `Serial No..`
Press **OK**.
- 4 Press **Stop/Exit**.

Packing and shipping the machine

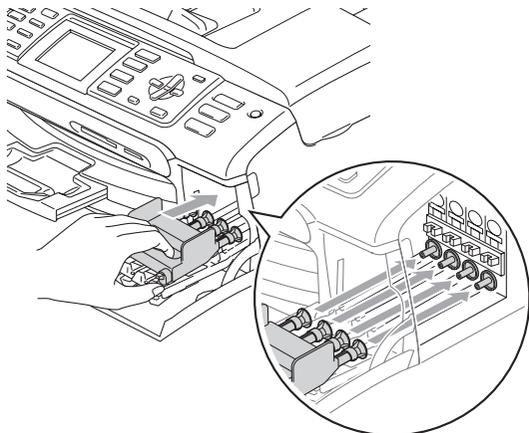
When you transport the machine, use the packing materials that came with your machine. If you do not pack the machine properly, you could void your warranty.

! CAUTION

It is important to allow the machine to 'park' the print head after a print job. Listen carefully to the machine before unplugging it to make sure that all mechanical noise has stopped. Not allowing the machine to finish this parking process may lead to print problems and possible damage to the print head.

- 1 Open the ink cartridge cover.
- 2 Pull the lock release levers down and take out all the ink cartridges. (See *Replacing the ink cartridges* on page 131.)

- 3 Install the yellow protective part, lift each lock release lever and push it until it clicks and then close the ink cartridge cover.

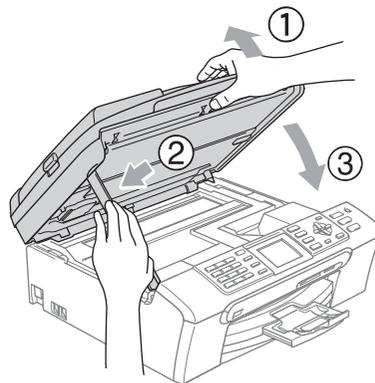


! CAUTION

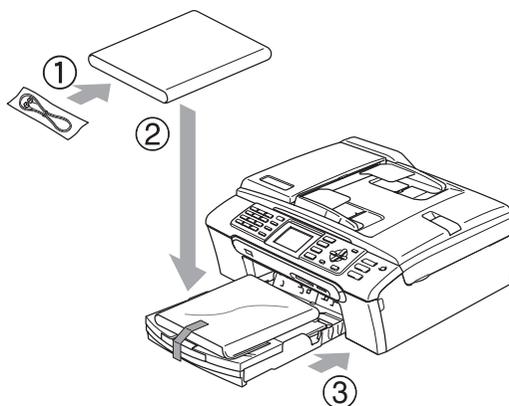
If you are not able to find the yellow protective part, DO NOT remove the ink cartridges before shipping. It is essential that the machine be shipped with either the yellow protective part or the ink cartridges in position. Shipping without them will cause damage to your machine and may void your warranty. Please keep machine upright.

- 4 Unplug the machine from the telephone wall socket and take the telephone line cord out of the machine.
- 5 Unplug the machine from the electrical socket and from the machine.
- 6 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position. Then unplug the interface cable from the machine, if it is connected.

- 7 Lift the scanner cover (1) to release the lock. Gently push the scanner cover support down (2) and close the scanner cover (3).

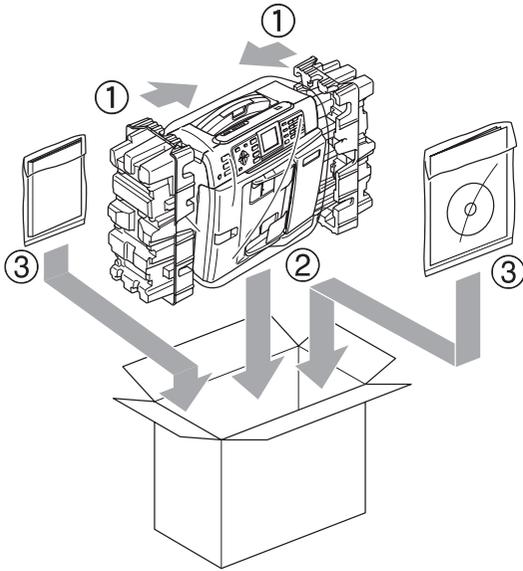


- 8 If your machine has a handset, remove it and the handset curled cord.
- 9 Wrap the machine in the bag and put it in the original carton with the original packing material.

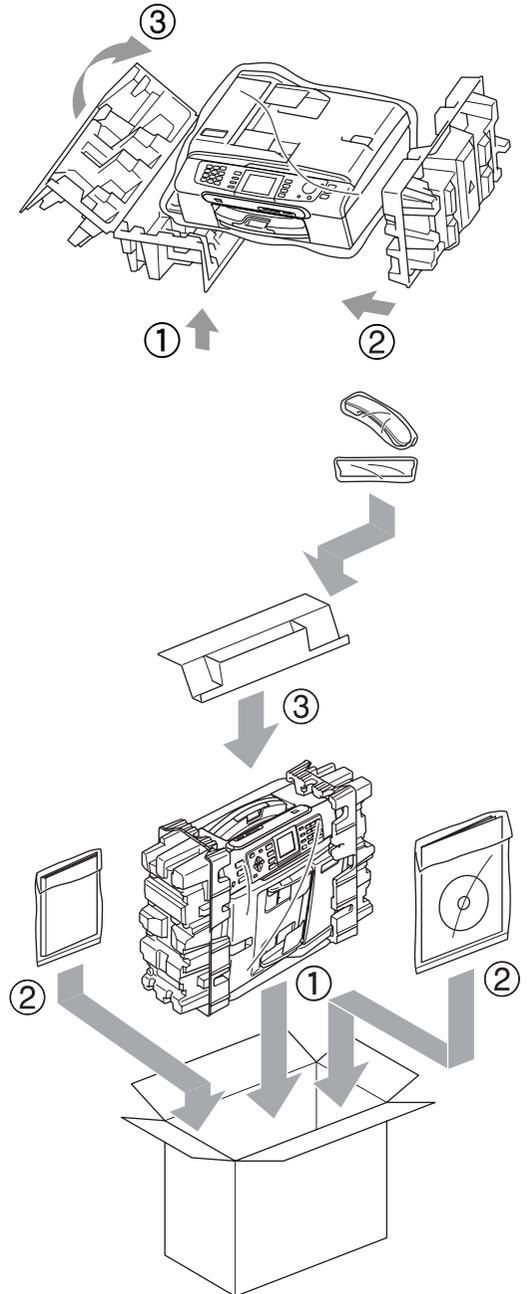


- 10 Pack the printed materials in the original carton as shown below. Do not pack the used ink cartridges in the carton.

MFC-440CN



MFC-665CW



11 Close the carton and tape it shut.

On-screen programming

Your machine is designed to be easy to use with LCD on-screen programming using the menu keys. User-friendly programming helps you take full advantage of all the menu selections your machine has to offer.

Since your programming is done on the LCD, we have created step-by-step on-screen instructions to help you program your machine. All you need to do is follow the instructions as they guide you through the menu selections and programming options.

Memory storage

Even if there is a power failure, you will not lose the settings you have chosen using the Menu key because they are stored permanently. Also, you will not lose your settings in the PhotoCapture, Fax and Copy mode key menus if you have chosen *Set New Default*. You may have to reset the date and time.



Note

During a power failure the MFC-665CW will retain messages that are in the memory for up to 24 hours.

Menu keys

	Access the main menu.
Fax  Scan  Copy  Photo Capture 	Access the mode and its menu of temporary settings.
▲ ▼	Scroll through the current menu level.
◀	Go back to the previous menu level.
▶	Go to the next menu level.
OK 	<ul style="list-style-type: none"> ■ Go to the next menu level. ■ Accept an option.
Clear / Back 	<ul style="list-style-type: none"> ■ Cancel the current operation. ■ Go back to the previous menu level.
Stop / Exit 	<ul style="list-style-type: none"> ■ Stop the current operation.

Menu table

The menu table will help you understand the menu selections and options that are found in the machine's programs. The factory settings are shown in **Bold** with an asterisk.

Menu ()

Level1	Level2	Level3	Options	Descriptions	Page	
General Setup	Mode Timer	—	Off 0 Sec 30 Secs 1 Min 2 Mins* 5 Mins	Sets the time to return to Fax mode.	22	
	Paper Type	—	Plain Paper* Inkjet Paper Brother Photo Other Photo Transparency	Sets the type of paper in the paper tray.	23	
	Paper Size	—	letter Legal A4* A5 10x15cm	Sets the size of the paper in the paper tray.	23	
	Volume	Ring		Off Low Med* High	Adjusts the ring volume.	24
		Beeper		Off Low* Med High	Adjusts the volume level of the beeper.	24
		Speaker		Off Low Med* High	Adjusts the speaker volume.	24
	P.Save Setting	—	Fax Receive:On* Fax Receive:Off	Customizes the Power Save key to receive faxes even in off mode.	21	



The factory settings are shown in **Bold** with an asterisk.

Level1	Level2	Level3	Options	Descriptions	Page	
General Setup (Continued)	LCD Settings	LCD Contrast	Light Med* Dark	Adjusts the contrast of the LCD.	25	
		Backlight	Light* Med Dark	You can adjust the brightness of the LCD backlight.	25	
		Dim Timer	Off 10 Secs 20 Secs 30 Secs*	You can set how long the LCD backlight stays on after the last key press.	26	
		Off Timer	Off* 1 Min 2 Mins 3 Mins 5 Mins 10 Mins 30 Mins	You can set how long the LCD stays on for after the last key press.	26	
		Wallpaper	—	You can choose the wallpaper of the LCD.	26	
Fax	Setup Receive	Ring Delay (MFC-440CN only)	0-10	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	43	
		Ring Delay (MFC-665CW only)	Ring Delay	0-10	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	43
			Toll Saver	On Off*	Cost saving feature: the machine rings 2 times if there are messages and 4 times if there are no messages, so you can hang up and not pay for the call.	66
		F/T Ring Time	20 Sec 30 Sec* 40 Sec 70 Sec	Sets the pseudo/double-ring time in Fax/Tel mode.	43	
 The factory settings are shown in Bold with an asterisk.						

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	Setup Receive (Continued)	Fax Detect	On* Off Semi (MFC-665CW only)	Receives fax messages without pressing the Mono Start or Colour Start key.	44
		Remote Codes	On* (✕51, #51) Off	Allows you to answer all calls at an extension or external phone and use codes to turn the machine on or off. You can personalize these codes.	53
		Auto Reduction	On* Off	Reduces the size of incoming faxes.	45
		Memory Receive	On* Off	Automatically stores any incoming faxes in its memory if it runs out of paper.	46
	Set Quick-Dial	Speed-Dial	—	Stores Speed-Dial numbers, so you can dial by pressing only a few keys (and Start).	57
		Setup Groups	—	Sets up a Group number for Broadcasting.	60
	Report Setting	Transmission	On On+Image Off* Off+Image	Initial setup for Transmission Verification Report and Fax Journal Report.	78
		Journal Period	Off Every 50 Faxes* Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days		78
	Advanced Fax Operation	Forward/Store	Off* Fax Forward Fax Storage Fax Preview (MFC-665CW only) PC Fax Receive	Sets the machine to forward fax messages, to call your pager, to store incoming faxes in the memory (so you can retrieve them while you are away from your machine), to preview faxes or to send faxes to your PC.	68



The factory settings are shown in Bold with an asterisk.

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	Advanced Fax Operation (Continued)	Remote Access	Access Code: ---*	Set your own code for Remote Retrieval.	73
		Print Document (Backup Print)	—	Prints incoming faxes stored in the memory.	46
	Remaining Jobs	—	—	Check which jobs are in the memory and lets you cancel chosen jobs.	38
	Setup Msg Ctr (MFC-665CW only)	OGM	Msg Ctr OGM F/T OGM	Play/Record or erase the outgoing message.	63
		ICM Max. Time	30 Sec* 60 Sec 120 Sec 180 Sec	Choose the maximum length of incoming messages.	66
		ICM Rec. Monitr	on* Off	Allows you to turn the speaker volume for voice messages as they come in On or Off.	66
	Miscellaneous	TX Lock (MFC-440CN only)	—	Prohibits most operations other than receiving faxes.	27
		Mem Security (MFC-665CW only)	—	Prohibits most functions except receiving faxes into memory.	28
		Compatibility	Normal* Basic	Adjusts the transmissions that are having problems.	131
		Caller ID Type (MFC-665CW only)	FSK* DTMF	You can switch the mode if Caller ID cannot be displayed normally.	49
		Caller ID (MFC-665CW only)	Display # Print Report	View or print a list of the last 30 caller IDs stored in memory.	50



The factory settings are shown in Bold with an asterisk.

Level1	Level2	Level3	Options	Descriptions	Page
LAN (MFC-440CN only)	TCP/IP	BOOT Method	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	See <i>Network User's Guide on the CD-ROM</i>
		IP Address	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
		Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
		Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
		Node Name	BRN_XXXXXX	Enter the Node name.	
		WINS Config	Auto* Static	Chooses the WINS configuration mode.	
		WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.	
		DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.	
		APIPA	On* Off	Automatically allocates the IP address from the link-local address range.	
		Setup Misc.	Ethernet	—	
Factory Reset	—	—	Restores all network settings to the factory default.		

 The factory settings are shown in Bold with an asterisk.

Level1	Level2	Level3	Options	Descriptions	Page
LAN (MFC-665CW only)	TCP/IP (Wired)	BOOT Method	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	See <i>Network User's Guide on the CD-ROM</i>
		IP Address	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
		Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
		Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
		Node Name	BRN_XXXXXX	Enter the Node name.	
		WINS Config	Auto* Static	Chooses the WINS configuration mode.	
		WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.	
		DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.	
	APIPA	On* Off	Automatically allocates the IP address from the link-local address range.		
	TCP/IP (WLAN)	BOOT Method	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	
IP Address		[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.		
 The factory settings are shown in Bold with an asterisk.					

Level1	Level2	Level3	Options	Descriptions	Page		
LAN (MFC-665CW only) (Continued)	TCP/IP (WLAN) (Continued)	Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	See <i>Network User's Guide on the CD-ROM</i>		
		Gateway	—	Enter the Gateway address.			
		Node Name	BRW_XXXXXX	Enter the Node name.			
		WINS Config	Auto* Static	Chooses the WINS configuration mode.			
		WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.			
		DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.			
		APIPA	On* Off	Automatically allocates the IP address from the link-local address range.			
	Setup WLAN	Setup Wizard	—	You can configure your print server.			
		SecureEasySetup	—	You can configure the wireless network easily.			
	WLAN Status	Status	—	You can see the current wireless network status.			
		Signal	—	You can see the current wireless network signal strength.			
		SSID	—	You can see the current SSID.			
		Comm. Mode	—	You can see the current Communication Mode.			
	Setup Misc.	Wired LAN	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.			
	Network I/F	—	Wired LAN* WLAN	You can choose the network connection type.			
	Factory Reset	—	Yes No	Restores all wired and wireless network settings to the factory default.			
	 The factory settings are shown in Bold with an asterisk.						

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	XMIT Verify	—	—	Prints these lists and reports.	79
	Help List	—	—		
	Quick-Dial	Alphabetical Order Numerical Order	—		
	Fax Journal	—	—		
	User Settings	—	—		
	Network Config	—	—		
Machine Info.	Serial No.	—	—	Lets you check the serial number of your machine.	139
Initial Setup	Receive Mode	—	Fax Only* Fax/Tel External TAD (MFC-440CN only) Manual	Choose the receive mode that best suits your needs.	40
	Date/Time	—	—	Puts the date and time on the LCD and in headings of faxes you send.	See <i>Quick Setup Guide</i>
	Station ID	—	Station ID Fax: Station ID Name:	Set your name and fax number to appear on each page you fax.	
	Tone/Pulse	—	Tone* Pulse	Choose the dialling mode.	
	Dial Tone	—	Detection No Detection*	You can shorten the dial tone detect pause.	130
 The factory settings are shown in Bold with an asterisk.					

Fax ()

Level1	Level2	Level3	Options	Descriptions	Page
Fax Resolution	—	—	Standard* Fine S.Fine Photo	Sets the resolution for outgoing faxes.	36
Contrast	—	—	Auto* Light Dark	Changes the lightness or darkness of faxes you send.	36
 The factory settings are shown in Bold with an asterisk.					

Level1	Level2	Level3	Options	Descriptions	Page
Speed-Dial	—	—	Alphabetical Order Numerical Order	You can dial by pressing only a few keys (and Start).	55
Outgoing Call	Make a Phone Call (MFC-665CW only) Send a fax Add to Speed-Dial Delete	—	—	You can choose a number from the Outgoing Call history and then make a phone call to it, send a fax to it, add it to Speed-Dial, or delete it.	56
Caller ID hist. (MFC-665CW only)	Make a Phone Call Send a fax Add to Speed-Dial Delete	—	—	You can choose a number from the Caller ID history and then make a phone call to it, send a fax to it, add it to Speed-Dial, or delete it.	57
Broadcasting	Add Number Complete	—	—	You can send the same fax message to more than one fax number.	34
Delayed Fax	—	—	On Off*	Sets the time of day in 24-hour format that the delayed faxes will be sent.	37
Batch TX	—	—	On Off*	Combines delayed faxes to the same fax number at the same time of day into one transmission.	38
Real Time TX	—	—	On Off*	You can send a fax without using the memory.	37
Polled TX	—	—	Standard Secure Off*	Sets up your machine with an document to be retrieved by another fax machine.	82
Polling RX	—	—	Standard Secure Timer Off*	Sets up your machine to poll another fax machine.	80
Overseas Mode	—	—	On Off*	If you are having difficulty sending faxes overseas, set this to On.	37
Scan Size	—	—	A4* Letter	Adjust the scan area of the scanner glass to the size of the document.	33



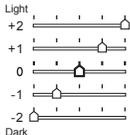
The factory settings are shown in Bold with an asterisk.

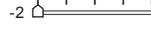
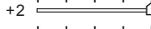
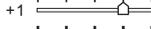
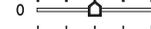
Level1	Level2	Level3	Options	Descriptions	Page
Set New Default	—	—	Yes No	You can save your fax settings.	38
Factory Reset	—	—	Yes No	You can restore all the settings to factory settings.	39
 The factory settings are shown in Bold with an asterisk.					

Scan ()

Level1	Option1	Option2	Option3	Descriptions	Page
Scan to E-mail	—	—	—	You can scan a monochrome or a colour document into your E-mail application.	See <i>Software User's Guide on the CD-ROM</i>
Scan to Image	—	—	—	You can scan a colour picture into your graphics application.	
Scan to OCR	—	—	—	You can have your text document converted to an editable text file.	
Scan to File	—	—	—	You can scan a monochrome or a colour document into your computer.	
Scan to Card (when a card is inserted)	150 dpi Color 300 dpi Color 600 dpi Color 200x100 dpi B/W 200 dpi B/W	PDF */JPEG PDF */JPEG PDF */JPEG TIFF */PDF TIFF */PDF	(File Name) XXXXXXXXXX	You can choose the scan resolution, file format and enter a file name for your document.	101
 The factory settings are shown in Bold with an asterisk.					

Copy ()

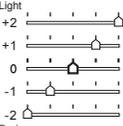
Level1	Level2	Level3	Options	Descriptions	Page
Quality	—	—	Fast Normal* Best	Choose the Copy resolution for your type of document.	85
Enlarge/Reduce	—	—	50% 69% A4→A5 78% LGL→LTR 83% LGL→A4 93% A4→LTR 97% LTR→A4 100%* 104% EXE→LTR 142% A5→A4 186% 10x15cm→LTR 198% 10x15cm→A4 200% Custom(25-400%)	You can choose the enlargement or reduction ratio for your type of document.	86
Paper Type	—	—	Plain Paper* Inkjet Paper Brother Photo Other Photo Transparency	Choose the paper type that matches the paper in the tray.	89
Paper Size	—	—	Letter Legal A4* A5 10x15cm	Choose the paper size that matches the paper in the tray.	89
Brightness	—	—	Light +2 +1 0 -1 -2 Dark 	Adjusts the brightness of copies.	88
 The factory settings are shown in Bold with an asterisk.					

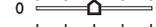
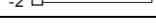
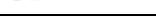
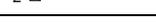
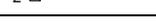
Level1	Level2	Level3	Options	Descriptions	Page
Contrast	—	—	+2  +1  0  -1  -2 	Adjusts the contrast of copies.	88
Color Adjust	Red	—	+2  +1  0  -1  -2 	Adjusts the amount of Red in copies.	88
	Green	—	+2  +1  0  -1  -2 	Adjusts the amount of Green in copies.	
	Blue	—	+2  +1  0  -1  -2 	Adjusts the amount of Blue in copies.	
Stack/Sort	—	—	Stack* Sort	You can choose to stack or sort multiple copies.	87
Page Layout	—	—	Off (1 in 1)* 2 in 1 (P) 2 in 1 (L) 4 in 1 (P) 4 in 1 (L) Poster(3 x 3)	You can make N in 1 or Poster copies.	86
Set New Default	—	—	Yes No	You can save your copy settings.	89
Factory Reset	—	—	Yes No	You can restore all the settings to factory settings.	89
 The factory settings are shown in Bold with an asterisk.					

PhotoCapture ()

Level1	Level2	Level3	Options	Descriptions	Page
View Photo(s)	—	—	See the print settings table below.	You can preview your photos on the LCD.	94
Print Index	—	—	6 Images/Line Fast 5 Images/Line Photo	You can print a thumbnail page.	95
Print All Photos	—	—	See the print settings table below.	You can print all photos in your memory card.	95
Print Photos	—	—	See the print settings table below.	You can print an individual image.	96

Print Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Print Quality	Normal Photo*	—	—	Choose the print quality.	98
Paper Type	Plain Paper Inkjet Paper Brother Photo Other Photo*	—	—	Choose the paper type.	98
Paper Size	Letter A4 13x18cm 10x15cm*	(When A4 or Letter is chosen) 10x8cm 13x9cm 15x10cm 18x13cm 20x15cm Max. Size*	—	Choose the paper and print size.	98
Brightness	Light +2 +1 0 -1 -2 Dark 	—	—	Adjusts the brightness.	99
 The factory settings are shown in Bold with an asterisk.					

Option1	Option2	Option3	Option4	Descriptions	Page
Contrast	+2  +1  0  -1  -2 	—	—	Adjusts the contrast.	99
Color Enhance	On Off*	White Balance	+2  +1  0  -1  -2 	Adjusts the hue of the white areas.	99
		Sharpness	+2  +1  0  -1  -2 	Enhances the detail of the image.	
		Color Density	+2  +1  0  -1  -2 	Adjusts the total amount of colour in the image.	
Cropping	On* Off	—	—	Crops the image around the margin to fit the paper size or print size. Turn this feature off if you want to print whole images or prevent unwanted cropping.	100
Borderless	On* Off	—	—	Expands the printable area to fit the edges of the paper.	100
Set New Default	Yes No	—	—	You can save your print settings.	100
Factory Reset	Yes No	—	—	You can restore all the settings to factory settings.	100
 The factory settings are shown in Bold with an asterisk.					

Entering Text

When you are setting certain menu selections, such as the Station ID, you may need to enter text into the machine. Most dial pad keys have three or four letters printed on keys. The keys for **0**, **#** and ***** do not have printed letters because they are used for special characters.

By pressing the proper dial pad key repeatedly, you can access the character you want.

Press Key	one time	two times	three times	four times
2	A	B	C	2
3	D	E	F	3
4	G	H	I	4
5	J	K	L	5
6	M	N	O	6
7	P	Q	R	S
8	T	U	V	8
9	W	X	Y	Z

Putting spaces

To enter a space in a fax number, press ► once between numbers. To enter a space in a name, press ► twice between characters.

Making corrections

If you entered an incorrect letter and want to change it, press ◀ to move the cursor under the incorrect character. Then press **Clear/Back**. Re-enter the correct character. You can also back up and insert letters.

Repeating letters

If you need to enter a letter that is on the same key as the letter before, press ► to move the cursor to the right before you press the key again.

Special characters and symbols

Press *****, **#** or **0**, repeatedly until you see the special character or symbol you want.

Press ***** for (space) ! " # \$ % & ' () * +
, - . / €

Press **#** for ; < = > ? @ [] ^ _

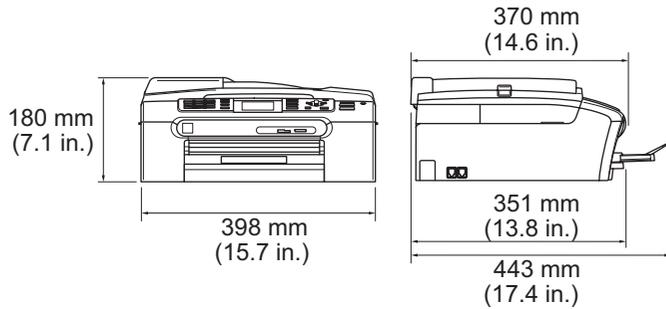
Press **0** for Ä Ë Ö Ü À Ç È É 0

General

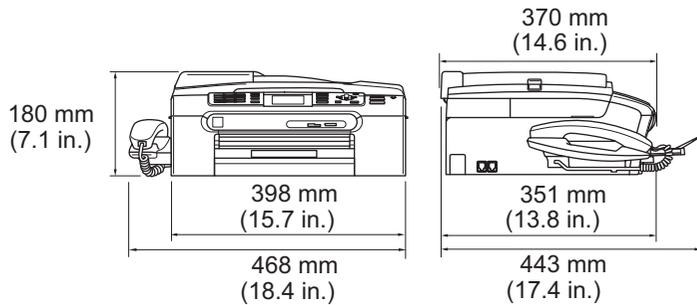
Memory Capacity	32 MB
ADF (automatic document feeder)	Up to 10 pages Temperature: 20° C - 30° C (68° F - 86° F) Humidity: 50% - 70% Paper: [80 gsm (20 lb)] A4 size
Paper Tray	100 Sheets [80 gsm (20 lb)]
Printer Type	Ink Jet
Print Method	Mono: Piezo with 94 × 1 nozzles Colour: Piezo with 94 × 3 nozzles
LCD (liquid crystal display)	(MFC-440CN) 50.8 mm (2.0 in.) Colour LCD (MFC-665CW) 63.5 mm (2.5 in.) Colour LCD
Power Source	AC 220V to 240V 50/60Hz
Power Consumption	(MFC-440CN) Power Save Mode: Average 5 W Standby: Average 8 W Operating: Average 33 W (MFC-665CW) Power Save Mode: Average 5.5 W Standby: Average 8 W Operating: Average 35 W

Dimensions

(MFC-440CN)



(MFC-665CW)



Weight

MFC-440CN 8.2 kg (18.1 lb)

MFC-665CW 8.5 kg (18.7 lb)

Noise

Operating: 50 dB or less ¹

Temperature

Operating: 10 to 35° C (50° F to 95° F)

Best Print Quality: 20 to 33° C (68° F to 91° F)

Humidity

Operating: 20 to 80% (without condensation)

Best Print Quality: 20 to 80% (without condensation)

¹ This depends on printing conditions.

Print media

Paper Input

Paper Tray

- Paper type:

Plain paper, inkjet paper (coated paper), glossy paper², transparencies^{1 2} and envelopes

- Paper size:

Letter, Legal, Executive, A4, A5, A6, JIS B5, envelopes (commercial No.10, DL, C5, Monarch, JE4), Photo 2L 13×18cm, Index card and Post card³.

For more details, see *Paper weight, thickness and capacity* on page 14.

- Maximum paper tray capacity: Approx. 100 sheets of 80 gsm (20 lb) plain paper

Photo Paper Tray

- Paper type:

Plain paper, inkjet paper (coated paper) and glossy paper²

- Paper size:

Photo 10×15 cm and Photo L

Width: 89 mm (3.5 in.) - 101.6 mm (4.0 in.)

Height: 127 mm (5.0 in.) - 152.4 mm (6.0 in.)

- Maximum paper tray capacity: Approx. 20 sheets

Paper Output

Up to 50 sheets of 80 gsm (20 lb) plain paper (face up print delivery to the output paper tray)²

¹ Use only transparencies recommended for inkjet printing.

² For glossy paper or transparencies, we recommend removing printed pages from the output paper tray immediately after they exit the machine to avoid smudging.

³ See *Paper type and size for each operation for paper tray* on page 13.

Fax

Compatibility	ITU-T Group 3
Coding System	MH/MR/MMR/JPEG
Modem Speed	Automatic Fallback 14400 bps
Document Size	ADF Width: 148 mm to 215.9 mm (5.8 in. to 8.5 in.) ADF Height: 148 mm to 355.6 mm (5.8 in. to 14 in.) Scanner Glass Width: Max. 215.9 mm (8.5 in.) Scanner Glass Height: Max. 297 mm (11.7 in.)
Scanning Width	208 mm (8.2 in.)
Printing Width	204 mm (8.03 in.)
Grey Scale	256 levels
Polling Types	Standard, Secure, Sequential: (Monochrome only)
Contrast Control	Automatic/Light/Dark (manual setting)
Resolution	■ Horizontal 8 dot/mm (203 dot/in.) ■ Vertical Standard 3.85 line/mm (98 line/in.) (Monochrome) 7.7 line/mm (196 line/in.) (Colour) Fine 7.7 line/mm (196 line/in.) (Monochrome/Colour) Photo 7.7 line/mm (196 line/in.) (Monochrome) Superfine 15.4 line/mm (392 line/in.) (Monochrome)
Speed-Dial	MFC-440CN, 80 stations × 2 numbers MFC-665CW
Broadcasting	MFC-440CN, 210 stations MFC-665CW
Automatic Redial	3 times after 5 minutes
Auto Answer	0, 1, 2, 3, 4, 5, 6, 7, 8, 9 or 10 rings
Communication Source	Public switched telephone network.

Memory Transmission Up to 480 ¹/₄₀₀² pages

Out of Paper Reception Up to 480 ¹/₄₀₀² pages

¹ 'Pages' refers to the 'Brother Standard Chart No. 1' (a typical business letter, Standard resolution, MMR code). Specifications and printed materials are subject to change without prior notice.

² 'Pages' refers to the 'ITU-T Test Chart #1' (a typical business letter, Standard resolution, MMR code). Specifications and printed materials are subject to change without prior notice.

Digital TAD (MFC-665CW only)

TAD	Yes
ICM Recording Time	Max. 29 minutes / Max. 99 messages (Max.180 secs / 1 message)
Toll Saver	Yes
Recording Conversation	Yes
OGM	Yes
Recording OGM Time	20 secs

Copy

Colour/Mono		Yes/Yes
Document Size		ADF Width: 148 mm to 215.9 mm (5.8 in. to 8.5 in.) ADF Height: 148 mm to 355.6 mm (5.8 in. to 14 in.) Scanner Glass Width: Max. 215.9 mm (8.5 in.) Scanner Glass Height: Max. 297 mm (11.7 in.) Copy Width: Max. 210 mm (8.26 in.)
Copy Speed	MFC-440CN	Mono: Up to 18 pages/minute (A4 paper) ¹ Colour: Up to 16 pages/minute (A4 paper) ¹
	MFC-665CW	Mono: Up to 20 pages/minute (A4 paper) ¹ Colour: Up to 18 pages/minute (A4 paper) ¹
Multiple Copies		Stacks/Sorts up to 99 pages
Enlarge/Reduce		25% to 400% (in increments of 1%)
Resolution		(Monochrome) ■ Scans up to 600×1200 dpi ■ Prints up to 1200×1200 dpi (Colour) ■ Scans up to 600×1200 dpi ■ Prints up to 600×1200 dpi

¹ Based on Brother standard pattern. (Fast mode/Stack Copy) Copy speeds vary with the complexity of the document.

PhotoCapture Center™

Available Media	CompactFlash® (Type I only) (Microdrive™ is not compatible) (Compact I/O cards such as Compact LAN card and Compact Modem card are not supported.) Memory Stick® Memory Stick Pro™ (Not available for music data with MagicGate™) MultiMediaCard™ Secure Digital™ xD-Picture Card™ ¹
File Extension (Media Format) (Image Format)	DPOF, EXIF, DCF Photo Print:JPEG ² Scan to Card:JPEG, PDF (Colour) TIFF, PDF (Black)
Number of Files	Up to 999 files in the memory card (including the folder inside media)
Folder	File must be in the 3rd folder level of the Memory Card.
Borderless	Letter, A4, Photo 10×15cm, Photo 13×18cm ³

¹ xD-Picture Card™ Conventional Card from 16MB to 512MB
 xD-Picture Card™ Type M from 256MB to 1GB
 xD-Picture Card™ Type H from 256MB to 1GB

² Progressive JPEG format is not supported.

³ See *Paper type and size for each operation for paper tray* on page 13.

PictBridge

Compatibility	Supports the Camera & Imaging Products Association PictBridge standard CIPA DC-001. Visit http://www.cipa.jp/pictbridge for more information.
Interface	PictBridge (USB) Port

Scanner

Colour/Mono	Yes/Yes
TWAIN Compliant	Yes (Windows® 98/98SE/Me/2000 Professional/XP/ Windows® XP Professional x64 Edition) Mac OS® X 10.2.4 or greater
WIA Compliant	Yes (Windows® XP ¹)
Colour Depth	36 bit colour Processing (Input) 24 bit colour Processing (Output)
Resolution	Up to 19200 × 19200 dpi (interpolated) ² Up to 600 × 2400 dpi (optical)
Scanning Speed	Colour: up to 5.66 sec. Mono: up to 3.59 sec. (Letter size at 100 × 100 dpi)
Document Size	ADF Width: 148 mm to 215.9 mm (5.8 in. to 8.5 in.) ADF Height: 148 mm to 355.6 mm (5.8 in. to 14 in.) Scanner Glass Width: Max. 215.9 mm (8.5 in.) Scanner Glass Height: Max. 297 mm (11.7 in.)
Scanning Width	210 mm (8.26 in.)
Grey Scale	256 levels

¹ Windows® XP in this User's Guide includes Windows® XP Home Edition, Windows® XP Professional, and Windows® XP Professional x64 Edition.

² Maximum 1200 × 1200 dpi scanning when using the WIA Driver for Windows® XP (resolution up to 19200 × 19200 dpi can be selected by using the Brother scanner utility)

Printer

Printer Driver		Windows® 98/98SE/Me/2000 Professional/XP/ Windows® XP Professional x64 Edition driver supporting Brother Native Compression mode and bi-directional capability Brother Ink Driver For Mac OS® X 10.2.4 or greater
Resolution		Up to 1200 × 6000 dpi ¹ 1200 × 2400 dpi 1200 × 1200 dpi 600 × 600 dpi 600 × 300 dpi 600 × 150 dpi
Print Speed	MFC-440CN	Up to 25 pages/minute (Mono) ⁴ Up to 20 pages/minute (Colour) ⁴
	MFC-665CW	Up to 27 pages/minute (Mono) ⁴ Up to 22 pages/minute (Colour) ⁴
Printing Width		204 mm [210 mm (borderless) ³] (A4 size)
Disk-Based Fonts		35 True Type Fonts bundled with the CD-ROM.
Borderless		Letter, A4, A6, Photo 10×15cm, Index Card, Photo L 9×13cm, Photo 2L 13×18cm, Post Card ⁴

¹ Output image quality varies based on many factors including, but not limited to input image resolution and quality and print media.

² Based on Brother standard pattern.
A4 size in draft mode.

³ When you set the Borderless feature to On.

⁴ See *Paper type and size for each operation for paper tray* on page 13.

Interfaces

USB

A USB 2.0 interface cable that is no longer than 2.0 m (6 feet).^{1 2}

LAN cable³

Ethernet UTP cable category 5 or greater.

Wireless LAN (MFC-665CW only)

Your machine supports IEEE 802.11b/g wireless communication with your wireless LAN using Infrastructure mode or a wireless Peer-to-Peer connection in Ad-Hoc Mode.

¹ Your machine has a USB 2.0 Full-speed interface. This interface is compatible with USB 2.0 Hi-Speed; however, the maximum data transfer rate will be 12 Mbits/s. The machine can also be connected to a computer that has a USB 1.1 interface.

² Third party USB ports are not supported for Macintosh®.

³ See the *Network User's Guide* on the CD-ROM for detailed network specifications.

Computer requirements

Minimum System Requirements and Supported PC Software Functions								
Computer Platform & Operating System Version		Supported PC Software Functions	Interfaces	Minimum Processor Speed	Minimum RAM	Recommended RAM	Available Hard Disk Space	
							for Drivers	for Applications
Windows® 1 Operating Systems	98, 98SE	Printing, PC Fax 4, Scanning, Removable Disk 3	USB	Intel® Pentium® II or equivalent	32MB	128MB	120MB	130MB
	Me							
	2000 Professional		64MB		256MB	170MB	220MB	
	XP Home		128MB		256MB			
	XP Professional		Wireless 802.11 b/g (MFC-665CW only)		256MB	512MB	170MB	220MB
XP Professional x64 Edition	AMD Opteron™	AMD Athlon™64						
Apple® Macintosh® Operating Systems	OS X 10.2.4 or greater	Printing, PC Fax Send 4, Scanning, Removable Disk 3	USB 2	PowerPC G3 350MHz 5	128MB	256MB	80MB	200MB
<p>1 Microsoft® Internet Explorer 5 or greater.</p> <p>2 Third party USB ports are not supported.</p> <p>3 Removable disk is a function of PhotoCapture Center™.</p> <p>4 PC Fax supports black and white faxing only.</p> <p>5 Power PC G3/G4/G5, Intel® Core™ Solo/Duo.</p>				<p>For the latest driver updates, access the Brother Solutions Center at http://solutions.brother.com/</p>				

Consumable items

Ink

The machine uses individual Black, Yellow, Cyan and Magenta ink cartridges that are separate from the print head assembly.

Service Life of Ink Cartridge

Replacement Ink Cartridges

Black - Approximately 500 pages at 5% coverage

Yellow, Cyan and Magenta - Approximately 400 pages at 5% coverage

- The first time you install a set of ink cartridges the machine will use an amount of ink to fill the ink delivery tubes for high quality print outs. This process will only happen once. With all following ink cartridges you can print the specified number of pages.
- The above figures assume continuous printing at a resolution of 600 x 600 dpi in normal mode after installing new ink cartridge.
- The number of pages a cartridge will print may change depending on how often you use the machine and how many pages you print with each use.
- The machine will automatically and periodically clean the print head assembly, a process that uses a small amount of ink.
- When the machine identifies a cartridge as empty there may be a small amount of ink left in it. This is necessary to prevent air from drying out and damaging the print head assembly.

Replacement Consumables

<Black> LC960BK, <Cyan> LC960C
<Magenta>LC960M, <Yellow> LC960Y



Note

Brother does not recommend the use of consumables other than genuine Brother consumables.

Your machine warranty may not cover any damage arising from the use of non genuine Brother consumables.

Network (LAN)

LAN	You can connect your machine to a network for Network Printing, Network Scanning and PC Fax Send and PC Fax Receive ¹ (Windows [®] only). Also included is Brother BRAdmin Professional Network Management software.
Support for	Windows [®] 98/98SE/Me/2000/XP/XP Professional x64 Edition Mac OS [®] X 10.2.4 or greater Ethernet 10/100 BASE-TX Auto Negotiation (Wired LAN) IEEE 802.11 b/g (Wireless LAN) (MFC-665CW only)
Protocols	TCP/IP ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), NetBIOS Name Resolution, WINS DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, FTP Server, mDNS, TELNET, SNMP
Network Security (MFC-665CW only)	SSID/ESSID, 128 (104) / 64 (40) bit WEP, WPA/WPA2-PSK (TKIP/AES)
SecureEasySetup™ (MFC-665CW only)	Yes (simple setup with your SecureEasySetup™-capable access point/router)

¹ See the Computer Requirements chart on page 169.

E

Glossary

This is a comprehensive list of features and terms that appear in Brother manuals. Availability of these features depends on the model you purchased.

ADF (automatic document feeder)

Documents can be placed in the ADF and scanned one page at a time automatically.

Auto Reduction

Reduces the size of incoming faxes.

Automatic fax transmission

Sending a fax without picking up the handset of an external phone.

Automatic Redial

A feature that enables your machine to redial the last fax number after five minutes if the fax did not go through because the line was busy.

Backup Print

Your machine prints a copy of every fax that is received and stored in memory. This is a safety feature so you will not lose messages during a power failure.

Batch Transmission

(Black and white faxes only) As a cost saving feature, all delayed faxes to the same fax number can be sent as one transmission.

Beeper Volume

Volume setting for the beep when you press a key or make an error.

Brightness

Changing the Brightness makes the whole image lighter or darker.

Broadcasting

The ability to send the same fax message to more than one location.

Caller ID

A service purchased from the telephone company that lets you see the number (or name) of the party calling you.

CNG tones

The special tones (beeps) sent by fax machines during automatic transmission to tell the receiving machine that a fax machine is calling.

Coding method

Method of coding the information contained in the document. All fax machines must use a minimum standard of Modified Huffman (MH). Your machine is capable of greater compression methods, Modified Read (MR), Modified Modified Read (MMR) and JPEG, if the receiving machine has the same capability.

Colour Enhancement

Adjusts the colour in the image for better print quality by improving sharpness, white balance and colour density.

Communication error (Comm. Error)

An error during fax sending or receiving, usually caused by line noise or static.

Compatibility group

The ability of one fax unit to communicate with another. Compatibility is assured between ITU-T Groups.

Contrast

Setting to compensate for dark or light documents, by making faxes or copies of dark documents lighter and light documents darker.

Delayed Fax

Sends your fax at a specified time later.

Distinctive Ring

A subscriber service purchased from the telephone company that gives you another phone number on an existing phone line. The Brother machine uses the new number to simulate a dedicated fax line.

Dual Access

Your machine can scan outgoing faxes or scheduled jobs into memory at the same time it is sending a fax from memory or receiving or printing an incoming fax.

ECM (Error Correction Mode)

Detects errors during fax transmission and resends the pages of the fax that had an error.

Extension phone

A telephone using the same line as your fax but plugged into a separate wall socket.

External phone

A TAD (telephone answering device) or telephone that is connected to your machine.

F/T Ring Time

The length of time that the Brother machine rings (when the Receive Mode setting is Fax/Tel) to notify you to pick up a voice call that it answered.

FaxAbility

A subscriber service purchased from the telephone company that provides another phone number on an existing phone line. The Brother fax machine uses the new number to simulate a dedicated fax line.

Fax Detect

Enables your machine to respond to CNG tones if you interrupt a fax call by answering it.

Fax Forwarding

Sends a fax received into the memory to another pre-programmed fax number.

Fax Receive Code

Press this code (*** 5 1**) when you answer a fax call on an extension or external phone.

Fax Storage

You can store received faxes in memory.

Fax tones

The signals sent by sending and receiving fax machines while communicating information.

Fax/Tel

You can receive faxes and telephone calls. Do not use this mode if you are using a telephone answering device (TAD).

Fine resolution

Resolution is 203 × 196 dpi. It is used for small print and graphs.

Grey scale

The shades of grey available for copying, scanning and faxing photographs.

Group number

A combination of Speed-Dial numbers that are stored in a Speed-Dial location for Broadcasting.

Help list

A printout of the complete Menu table that you can use to program your machine when you do not have the User's Guide with you.

Fax Journal

Lists information about the last 200 incoming and outgoing faxes. TX means Transmit. RX means Receive.

Journal Period

The pre-programmed time period between automatically printed Fax Journal Reports. You can print the Fax Journal on demand without interrupting the cycle.

LCD (liquid crystal display)

The display screen on the machine that shows interactive messages during On-Screen Programming and shows the date and time when the machine is idle.

Manual fax

Depending on your model, you can lift the handset, cordless handset, or handset of the external telephone or you can press **Hook** or **Speaker Phone** to hear the receiving fax machine answer before you press **Mono Start** or **Colour Start** to begin sending.

Menu mode

Programming mode for changing your machine's settings.

Out of Paper Reception

Receives faxes into the machine's memory when the machine is out of paper.

Overseas Mode

Makes temporary changes to the fax tones to accommodate noise and static on overseas phone lines.

Pause

Allows you to place a 3.5 second delay in the dialling sequence stored on Speed-Dial numbers. Press **Redial/Pause** as many times as needed for longer pauses.

PhotoCapture Center™

Allows you to print digital photos from your digital camera at high resolution for photo quality printing.

Photo resolution

A resolution setting that uses varying shades of grey for the best representation of photographs.

PictBridge

Allows you to print photos directly from your digital camera at high resolution for photo quality printing.

Polling

The process of a fax machine calling another fax machine to retrieve waiting fax messages.

Pulse

A form of rotary dialling on a telephone line.

Quick Dial List

A listing of names and numbers stored in Speed-Dial memory, in numerical order.

Real Time Transmission

When memory is full, you can send faxes in real time.

Remaining jobs

You can check which jobs are waiting in memory and cancel jobs individually.

Remote Access Code

Your own four-digit code (---*) that allows you to call and access your machine from a remote location.

Remote Retrieval Access

The ability to access your machine remotely from a touch tone phone.

Resolution

The number of vertical and horizontal lines per inch. See: Standard, Fine, Super Fine and Photo.

Ring Delay

The number of rings before the machine answers in *Fax Only* and *Fax/Tel* modes.

Ring Volume

Volume setting for the machine's ring.

Scanning

The process of sending an electronic image of a paper document into your computer.

Scan to Card

You can scan a black and white or colour document into a Memory Card. Black and white images can be in TIFF or PDF file format and colour images can be in PDF or JPEG file format.

Search

An electronic, alphabetical listing of stored Speed-Dial and Group numbers.

Speed-Dial

A pre-programmed number for easy dialling. You must press **Search/Speed Dial**, the two digit code, and **Mono Start** or **Colour Start** to start the dialling process.

Standard resolution

203 × 97 dpi. It is used for regular size text and quickest transmission.

Station ID

The stored information that appears on the top of faxed pages. It includes the sender's name and fax number.

Super Fine resolution

392 × 203 dpi. Best for very small print and line art.

TAD (telephone answering device)

You can connect an external TAD to your machine.

**Telephone Answer Code
(For Fax/Tel mode only)**

When the machine answers a voice call, it pseudo/double-rings. You can pick up at an extension phone by pressing this code (**# 5 1**).

Temporary settings

You can choose certain options for each fax transmission and copy without changing the default settings.

Tone

A form of dialling on the telephone line used for Touch Tone telephones.

Transmission

The process of sending faxes over the phone lines from your machine to the receiving fax machine.

User Settings

A printed report that shows the current settings of the machine.

Xmit Report (Transmission Verification Report)

A listing for each fax sent, that shows its date, time and number.

F

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