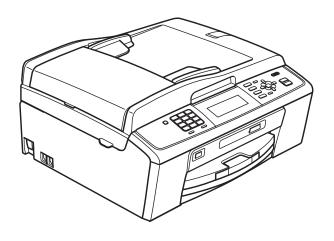**brother**®

BASIC USER'S GUIDE

MFC-J615W

If you need to call Customer Service

Please complete the following information for future reference:

Model Number: MFC-J615W

Serial Number: [1]

Date of Purchase:

Place of Purchase:

[1] **The serial number is on the back of the unit. Retain this User's Guide with your sales receipt as a permanent record of your purchase, in the event of theft, fire or warranty service.**

Register your product on-line at

http://www.brother.com/registration/

User's Guides and where do I find it?

Which manual?	What's in it?	Where is it?
Safety and Legal	Please read the Safety Instructions before you set up your machine.	Printed / In the box
Quick Setup Guide	Read this Guide first. Follow the instructions for setting up your machine and installing the drivers and software for the operating system and connection type you are using.	Printed / In the box
Basic User's Guide	Learn the basic Fax, Copy, Scan and PhotoCapture Center™ operations and how to replace consumables. See troubleshooting tips.	Printed / In the box
Advanced User's Guide	Learn more advanced operations: Fax, Copy, security features, printing reports and performing routine maintenance.	PDF file / Documentation CD-ROM
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning, PhotoCapture Center™, Remote Setup, PC-Fax, and using the Brother ControlCenter utility.	PDF file / Documentation CD-ROM
Network User's Guide	This Guide provides more advanced information for configuring the Ethernet and Wireless network connections. In addition, find information about network utilities, network printing, troubleshooting tips and supported network specifications.	PDF file / Documentation CD-ROM

Table of Contents
(BASIC USER'S GUIDE)

Table of Contents
(ADVANCED USER'S GUIDE)

The *Advanced User's Guide* explains the following features and operations.

You can view the *Advanced User's Guide* on the Documentation CD-ROM.

1 General information

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 buttons on the machine's control panel, or on the computer screen.
Italics	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.

⚠ **WARNING**

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.

⚠ **CAUTION**

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.

🛈 **IMPORTANT**

IMPORTANT indicates a potentially hazardous situation which may result in property-damage-only accidents or loss of product functionality.

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

⚡ Electrical Hazard icons alert you to possible electrical shock.

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

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

Viewing Documentation

1 Turn on your computer. Insert the Documentation CD-ROM into your CD-ROM drive.

Note
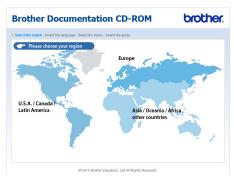
(Windows® users)
If the screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **index.html**.
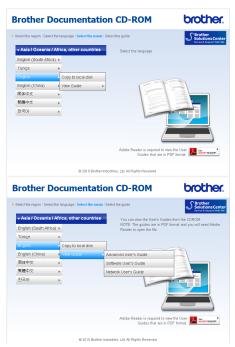
2 (Macintosh users)
Double-click the CD-ROM icon, and then double-click **index.html**.

3 Click your country.

4 Point to your language, point to **View Guide**, and then click the guide you want to read.

Note

- (Windows® users only)
  Your web browser may display a yellow bar at the top of the page that contains a security warning about Active X controls. For the page to display correctly you must click on the bar, click **Allow Blocked Content**, then click **Yes** in the Security Warning dialog box.

- (Windows® users only) [1]
  For faster access, you can copy all user documentation in PDF format to a local folder on your computer. Point to your language, then click **Copy to local disk**.

[1] Microsoft® Internet Explorer® 6.0 or greater.

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*
- *ControlCenter*
- *Network Scanning*

**(Windows®)
ScanSoft™ PaperPort™11SE with OCR How-to-Guides
(Not available in Hong Kong)**

- The complete ScanSoft™ PaperPort™11SE with OCR How-to-Guides can be viewed from the Help selection in the ScanSoft™ PaperPort™11SE application.

**Presto! PageManager User's Guide
(Hong Kong users only)**

- Instructions for scanning directly from Presto! PageManager. The complete Presto! PageManager User's Guide can be viewed from the Help selection in the Presto! PageManager application.

**(Macintosh)
Presto! PageManager User's Guide**

Note

Presto! PageManager must be downloaded and installed before use. See *Accessing Brother Support (Macintosh)* on page 3 for further instructions.

- The complete Presto! PageManager User's Guide can be viewed from the Help selection in the Presto! PageManager application.

How to find Network setup instructions

Your machine can be connected to a wireless or wired network. You can find basic setup instructions in the Quick Setup Guide. If your wireless access point or router supports Wi-Fi Protected Setup or AOSS™, you can also follow the steps in the Quick Setup Guide. For more information about network setup please see the *Network User's Guide* on the Documentation CD-ROM.

1

Accessing Brother Support (Windows®)

You can find all the contacts you will need, such as Web support (Brother Solutions Center), on the Installation CD-ROM.

■ Click **Brother Support** on the **Top Menu**. The following screen will appear:

■ To access our website (http://www.brother.com), click **Brother Home Page**.

■ For the latest news and product support information (http://solutions.brother.com/), click **Brother Solutions Center**.

■ To visit our website for original Brother Supplies (http://www.brother.com/original/), click **Supplies Information**.

■ To access the Brother CreativeCenter (http://www.brother.com/creativecenter/) for FREE photo projects and printable downloads, click **Brother CreativeCenter**.

■ To return to the **Top Menu**, click **Back** or if you have finished, click **Exit**.

Accessing Brother Support (Macintosh)

You can find all the contacts you will need, such as Web support (Brother Solutions Center) on the Installation CD-ROM.

■ Double-click the **Brother Support** icon. The following screen will appear:

■ To download and install Presto! PageManager, click **Presto! PageManager**.

■ To register your machine from the Brother Product Register Page (http://www.brother.com/registration/), click **On-Line Registration**.

■ For the latest news and product support information (http://solutions.brother.com/), click **Brother Solutions Center**.

■ To visit our website for original Brother Supplies (http://www.brother.com/original/), click **Supplies Information**.

Control panel overview

1 Fax and telephone keys:

■ **Redial/Pause**

Redials one of the last 30 numbers called. It also inserts a pause when programming quick dial numbers.

■ **Hook**

Press before dialing 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 pseudo/double-ring.

2 Mode keys:

■ **FAX**

Lets you access Fax mode.

■ **SCAN**

Lets you access Scan mode.

■ **COPY**

Lets you access Copy mode.

■ **PHOTO CAPTURE**

Lets you access PhotoCapture Center™ mode.

3 Menu keys:

■ **Volume keys**

◀ ▶

While the machine is idle, you can press these keys to adjust the ring volume.

■ **Speed Dial key**

▲

Lets you store, look up, and dial numbers that are stored in the memory.

■ **◀ or ▶**

Press to scroll backward or forward to a menu selection.

Also, press to choose options.

■ **▲ or ▼**

Press to scroll through the menus and options.

■ **Menu**

Access the main menu.

■ **Clear**

Press to delete characters or to go back to the previous menu level.

■ **OK**

Lets you confirm a selection.

4 **Start keys:**

■ [Mono Start button] **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).

■ [Colour Start button] **Colour Start**

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

5 [Stop/Exit button] **Stop/Exit**

Stops an operation or exits the menu.

6 **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 by lifting it.

7 **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. (Not available in New Zealand)

8 **On/Off**

You can turn the machine on and off.
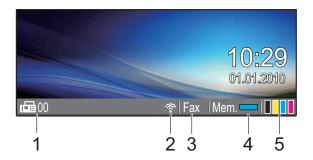
Press **On/Off** to turn the machine on. Press and hold down **On/Off** to turn the machine off. The LCD will show Shutting Down and will stay on for a few seconds before going off.

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

If you turn the machine off, it will still periodically clean the print head to maintain print quality. To prolong print head life, provide the best ink cartridge economy, and maintain print quality, you should keep your machine connected to the power at all times.

LCD screen indications

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

1 Faxes in memory

Shows how many received faxes are in the memory.

2 Wireless Status

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

0   Max

3 Current Receive Mode

Lets you see the current receive mode.

- Fax (Fax only)
- F/T (Fax/Tel)
- TAD (External TAD)
- Mnl (Manual)

4 Memory Status

Lets you see the available memory in the machine.

5 Ink indicator
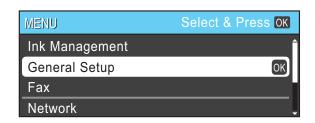
Lets you see the available ink volume.

The warning icon ⚠ appears when there is an error or maintenance message. For details, see *Error and Maintenance messages* on page 63.

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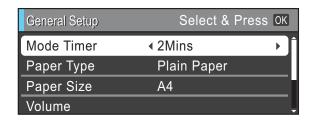
The following steps show how to change a setting in the machine. In this example the Mode Timer setting is changed from 2 minutes to 30 seconds.

1 Press **Menu**.

2 Press ▲ or ▼ to choose General Setup.

Press **OK**.
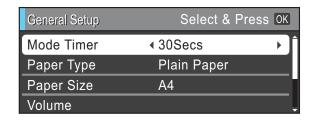
3 Press ▲ or ▼ to choose Mode Timer.
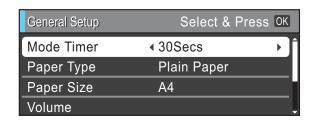
4 Press ◀ or ▶ to choose 30Secs.

Press **OK**.
You can see the current setting on the LCD:

5 Press **Stop/Exit**.

Volume Settings

Ring Volume

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

While the machine is idle, 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`.

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 beeper 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`.

5. Press ◀ or ▶ to choose `Low`, `Med`, `High` or `Off`.
   Press **OK**.

6. Press **Stop/Exit**.

1

Speaker Volume

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

a Press **Menu**.

b Press ▲ or ▼ to choose
General Setup.
Press **OK**.

c Press ▲ or ▼ to choose Volume.
Press **OK**.

d Press ▲ or ▼ to choose Speaker.

e Press ◀ or ▶ to choose Low, Med, High
or Off.
Press **OK**.

f Press **Stop/Exit**.

LCD display

Setting the backlight brightness

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

a Press **Menu**.

b Press ▲ or ▼ to choose
General Setup.
Press **OK**.

c Press ▲ or ▼ to choose LCD Settings.
Press **OK**.

d Press ▲ or ▼ to choose Backlight.

e Press ◀ or ▶ to choose Light, Med or
Dark.
Press **OK**.

f Press **Stop/Exit**.
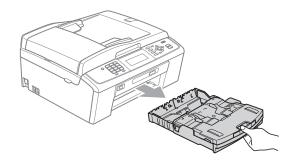
2 Loading paper

Loading paper and other print media
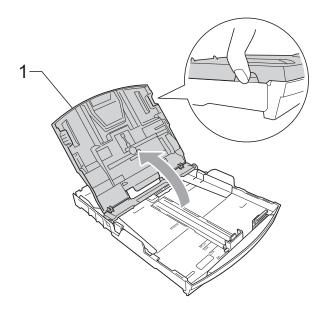
> **Note**
>
> To print on Photo (10 × 15 cm) or Photo L (89 × 127 mm) paper, you must use the photo paper tray. (See *Loading photo paper* on page 13.)

a If the paper support flap is open, close it, and then close the paper support. Pull the paper tray completely out of the machine.
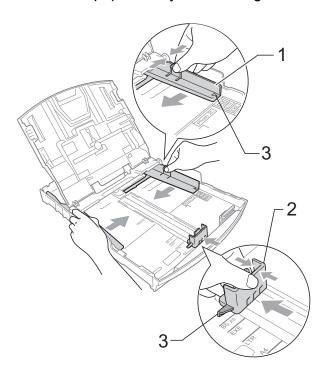
b Lift the output paper tray cover (1).
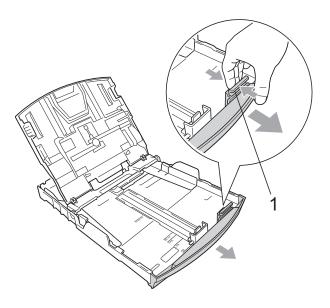
c With both hands, gently press and slide the paper side guides (1) and then the paper length guide (2) to fit the paper size.

Make sure that the triangular marks (3) on the paper side guides (1) and paper length guide (2) line up with the marks for the paper size you are using.
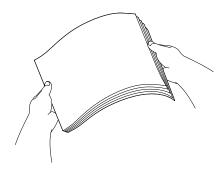
Note

When you are using Legal size paper, press and hold the universal guide release button (1) as you slide out the front of the paper tray.
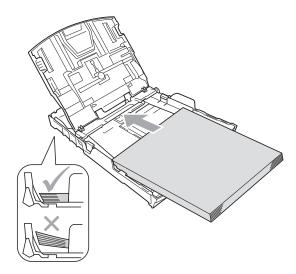
d Fan the stack of paper well to avoid paper jams and misfeeds.

❶ IMPORTANT

Always make sure that the paper is not curled or wrinkled.
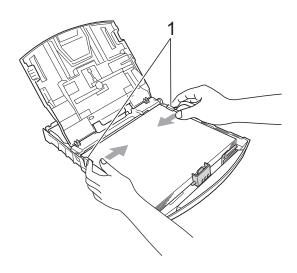
e Gently put the paper into the paper tray print side down and top edge in first. Check that the paper is flat in the tray.
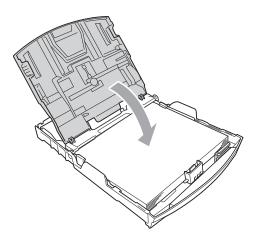
❶ IMPORTANT

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.
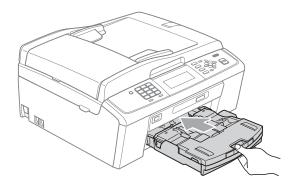
f Gently adjust the paper side guides (1) to fit the paper using both hands. Make sure the paper side guides touch the sides of the paper.

g Close the output paper tray cover.

h *Slowly* push the paper tray completely into the machine.

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

IMPORTANT

DO NOT use the paper support flap for Legal size paper.

Loading envelopes and postcards

About envelopes

■ Use envelopes that weigh between 80 to 95 gsm.

■ Some envelopes need margin settings to be set in the application. Make sure you do a test print first before printing many envelopes.

IMPORTANT

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

- That 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.

Loading envelopes and postcards

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

❶ IMPORTANT
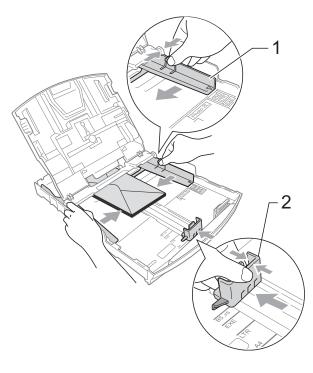
If envelopes or postcards are "double-feeding", put one envelope or postcard in the paper tray at a time.
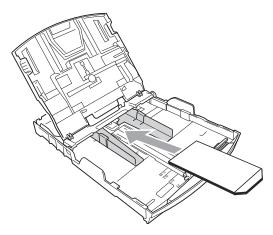
2 Put envelopes or postcards in the paper tray with the side to be printed on face down, and the shortest edge in first as shown in the illustration. With both hands, gently press and slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or postcards.

If you have problems printing on envelopes with the flap on the short edge, try the following:

- **1** Open the envelope flap.

- **2** Put the envelope into the paper tray with the address side down and the flap positioned as shown in the illustration.

- **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 × 15 cm) and Photo L (89 × 127 mm) size paper. When you use the photo paper tray, you do not have to take out the paper that is in the tray beneath it. (For the maximum number of photo cards you can load, see *Paper weight, thickness and capacity* on page 21.)

- **1** Squeeze the blue photo paper tray release button (1) using your right index finger and thumb and push the photo paper tray forward until it clicks into the photo printing position (2).

Photo Paper Tray

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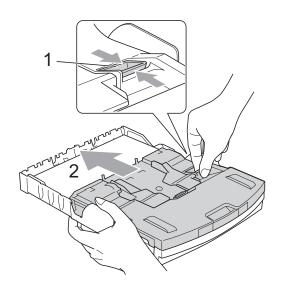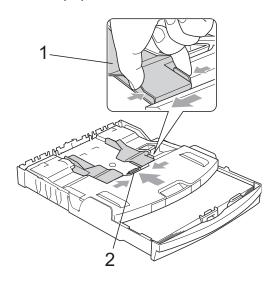
2 Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.

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.
Check that the paper is flat in the tray.
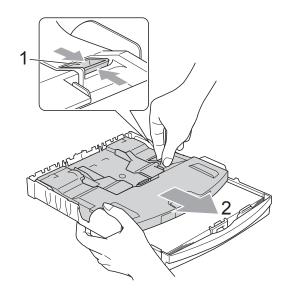
Note

- 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 or wrinkled.

4 When you have finished printing photos return the photo paper tray to the *Normal* printing position. If you do not, you will get No Paper Fed errors when you use A4 size paper.

Squeeze the blue photo paper tray release button (1) using your right index finger and thumb and pull the photo paper tray back until it clicks (2).

IMPORTANT

If you do not return the photo paper tray to the *Normal* printing position after printing photos, you will get a `No Paper Fed` error when you use standard paper.
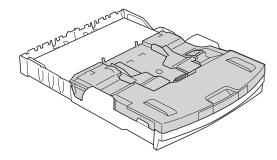
Photo paper tray in the normal printing position
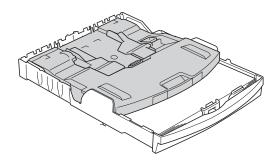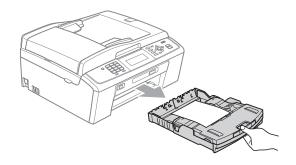
Photo paper tray in the photo printing position

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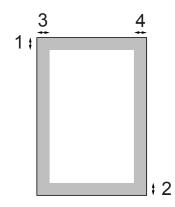
When the machine ejects small paper onto the output paper tray cover you may not be able to reach it. Make sure printing has finished, and then pull the tray completely out of the machine.

2
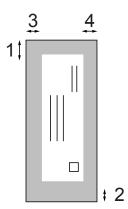
Printable area

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 print in the shaded areas of cut sheet paper when the Borderless print feature is available and turned on.

(See *Printing* for Windows® or *Printing and Faxing* for Macintosh in the *Software User's Guide*.)

Cut Sheet Paper   **Envelopes**

	Top (1)	Bottom (2)	Left (3)	Right (4)
Cut Sheet	3 mm	3 mm	3 mm	3 mm
Envelopes	12 mm	24 mm	3 mm	3 mm

Note

The Borderless feature is not available for envelopes.

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.

4. Press ◄ or ► to choose Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy 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: A4, A5, Letter, Legal and 10 × 15 cm and three sizes for printing faxes: A4, Legal and Letter. 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.

4. Press ◄ or ► to choose A4, A5, 10x15cm, Letter or Legal. Press **OK**.

5. Press **Stop/Exit**.

Acceptable paper and other print 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 glossy paper, be sure to choose the correct print media in the **Basic** tab of the printer driver or in the Paper Type setting of the menu. (See *Paper Type* on page 17.)

■ When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.

■ 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 print media

To get the best print quality, we suggest using Brother paper. (See the 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	BP71GA4
A4 Inkjet (Matte)	BP60MA
10 × 15 cm Glossy Photo	BP71GP
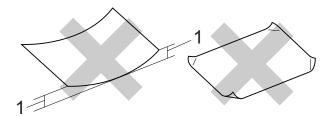
Handling and using print media

■ Store paper in its original packaging, and keep it sealed. Keep the paper flat and away from moisture, direct sunlight and heat.

■ Avoid touching the shiny (coated) side of photo paper. 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.

❶ IMPORTANT

DO NOT use the following kinds of paper:

- Damaged, curled, wrinkled, or irregularly shaped paper

1   2 mm or greater curl may cause jams to occur.

- Extremely shiny or highly textured paper

- Paper that cannot be arranged uniformly when stacked

- Short grain paper

Paper capacity of the output paper tray cover

Up to 50 sheets of 80 gsm A4 paper.

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

Choosing the right print media

Paper type and size for each operation

Paper Type	Paper Size		Usage			
			Fax	Copy	Photo Capture	Printer
Cut Sheet	A4	210 × 297 mm (8.3 × 11.7 in.)	Yes	Yes	Yes	Yes
	Letter	215.9 × 279.4 mm (8 1/2 × 11 in.)	Yes	Yes	Yes	Yes
	Legal	215.9 × 355.6 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
	Postcard 1	100 × 148 mm (3.9 × 5.8 in.)	–	–	–	Yes
	Postcard 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	A4	210 × 297 mm (8.3 × 11.7 in.)	–	Yes	–	Yes
	Letter	215.9 × 279.4 mm (8 1/2 × 11 in.)	–	Yes	–	Yes
	Legal	215.9 × 355.6 mm (8 1/2 × 14 in.)	–	Yes	–	Yes
	A5	148 × 210 mm (5.8 × 8.3 in.)	–	Yes	–	Yes

Paper weight, thickness and capacity

Paper Type		Weight	Thickness	No. of sheets
Cut Sheet	Plain Paper	64 to 120 gsm	0.08 to 0.15 mm	100 [1]
	Inkjet Paper	64 to 200 gsm	0.08 to 0.25 mm	20
	Other Glossy Paper	Up to 220 gsm	Up to 0.25 mm	20 [2] [3]
Cards	Photo Card	Up to 220 gsm	Up to 0.25 mm	20 [2] [3]
	Index Card	Up to 120 gsm	Up to 0.15 mm	30
	Postcard	Up to 200 gsm	Up to 0.25 mm	30
Envelopes		75 to 95 gsm	Up to 0.52 mm	10
Transparencies		–	–	10

[1] Up to 100 sheets of 80 gsm paper.

[2] For Photo 10 × 15 cm paper and Photo L 89 × 127 mm paper, use the photo paper tray. (See *Loading photo paper* on page 13.)

[3] BP71 (260 gsm) paper is especially designed for Brother inkjet machines.

How to load documents

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

Using the ADF

The ADF can hold up to 15 pages and feeds each sheet individually. Use standard 80 gsm paper and always fan the pages before putting them in the ADF.

Document Sizes Supported

Paper:	80 gsm A4
Length:	148 to 355.6 mm
Width:	148 to 215.9 mm
Weight:	64 to 90 gsm

How to load documents
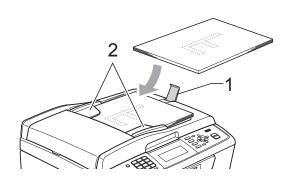
> **IMPORTANT**
>
> • DO NOT pull on the document while it is feeding.
>
> • DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper clipped, pasted or taped.
>
> • DO NOT use cardboard, newspaper or fabric. Instead use the scanner glass.

Make sure documents written with ink are completely dry.

① Unfold the ADF Document Output Support Flap (1).

② Fan the pages well.

③ Adjust the paper guides (2) to fit the width of your document.

④ Make sure you place your documents, **face down**, **top edge first** in the ADF underneath the guides until you feel them touch the feed roller and the LCD shows ADF Ready.

> **IMPORTANT**
>
> 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
Width:	Up to 215.9 mm
Weight:	Up to 2 kg
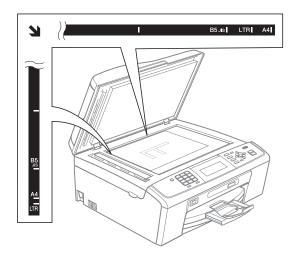
How to load documents

Note

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

a Lift the document cover.

b Using the document guidelines on the left and top, place the document face down in the upper left corner of the scanner glass.
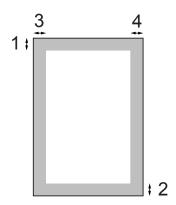
c Close the document cover.

IMPORTANT

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

Scannable area

The scannable area depends on the settings in the application you are using. The figures below show unscannable areas.

Usage	Document Size	Top (1) Bottom (2)	Left (3) Right (4)
Fax	A4	3 mm	3 mm [1]
	Letter	3 mm	4 mm
	Legal	3 mm	4 mm
Copy	A4	3 mm	3 mm
	Letter	3 mm	3 mm
Scan	A4	3 mm	3 mm
	Letter	3 mm	3 mm
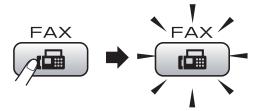
[1] The unscannable area is 1 mm when you use the ADF.

3

4 Sending a fax
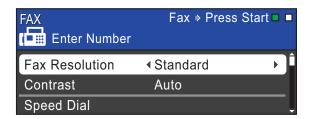
How to send a fax

The following steps show how to send a fax.

a When you want to send a fax, or change fax send or receive settings, press the (**FAX**) key to illuminate it in blue.

FAX → FAX

■ The LCD shows:

```
FAX                    Fax → Press Start ■ ■
    Enter Number
Fax Resolution     ◄ Standard           ►
Contrast             Auto
Speed Dial
```

b Do one of the following to load your document:

■ Place the document *face down* in the ADF. (See *Using the ADF* on page 22.)

■ Load your document *face down* on the scanner glass. (See *Using the scanner glass* on page 22.)

Note

• If you send a mono fax from the ADF when the memory is full it will be sent in real time.

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

• To send colour faxes with multiple pages use the ADF.

• 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.

c Set the scanner glass size, fax resolution or contrast if you want to change them.

For more advanced fax sending operations and settings, see *Sending a fax* in *Chapter 3* in the *Advanced User's Guide*:

■ Broadcasting
■ Delayed Fax
■ Batch TX
■ Real Time TX
■ Polled TX
■ Polling RX
■ Overseas Mode
■ Fax Resolution
■ Contrast
■ Glass ScanSize

d Enter the fax number.

Using the dial pad

Using the Phone Book

■ Speed Dial

Using call history

■ Outgoing Call
■ Caller ID hist.

e Press **Mono Start** or **Colour Start**.

Faxing from the ADF

■ The machine starts scanning the document.

Faxing from the scanner glass

■ If you press **Mono Start**, the machine starts scanning the first page.

Do one of the following:

 • To send a single page, press **2** to choose No(Send) (or press **Mono Start** again).

   The machine starts sending the document.

 • To send more than one page, press **1** to choose Yes and place the next page on the scanner glass. Press **OK**. The machine starts scanning the page. (Repeat this step for each additional page.)

■ If you press **Colour Start**, the machine starts sending the document.

Note

To cancel, press **Stop/Exit**.

Setting scanner glass size for faxing

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.

a Press ⬛ (**FAX**).

b Press ▲ or ▼ to choose Glass ScanSize.

c Press ◄ or ► to choose Letter. Press **OK**.

Note

You can save the setting you use most often by setting it as default. (See *Setting your changes as a new default* in *chapter 3* in the *Advanced User's Guide*.)

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**.

Transmission Verification Report

You can use the Transmission Verification Report as proof that you sent a fax. This report lists the sender's name or fax number, the time and date of transmission, duration of transmission, number of pages sent, and whether or not the transmission was successful.

There are several settings available for the Transmission Verification Report:

- **On:** Prints a report after every fax you send.

- **On+Image:** Prints a report after every fax you send. A portion of the fax's first page appears on the report.

- **Off:** Prints a report if your fax is unsuccessful due to a transmission error. Off is the default setting.

- **Off+Image:** Prints a report if your fax is unsuccessful due to a transmission error. A portion of the fax's first page appears on the report.

a Press **Menu**.

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

c Press ▲ or ▼ to choose
Report Setting.
Press **OK**.

d Press ▲ or ▼ to choose Transmission.

e Press ◀ or ▶ to choose On, On+Image, Off or Off+Image.
Press **OK**.

f Press **Stop/Exit**.

Note

- If you choose On+Image or Off+Image the image will only appear on the Transmission Verification Report if Real Time Transmission is set to Off. (See *Real Time Transmission* in *chapter 3* in the *Advanced User's Guide*.)

- If your transmission is successful, "OK" will appear next to "RESULT" on the Transmission Verification Report. If transmission is not successful, "ERROR" will appear next to "RESULT".

5 Receiving a fax
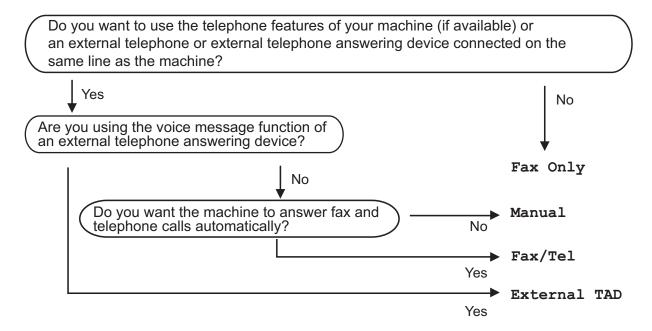
Receive modes

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

Choose the Receive Mode

By default, your machine will automatically receive any faxes that are sent to it. The diagram below will help you choose the correct mode.

For more detailed information on the receive modes, see *Using receive modes* on page 28.

Do you want to use the telephone features of your machine (if available) or an external telephone or external telephone answering device connected on the same line as the machine?

Yes ↓   No ↓

Are you using the voice message function of an external telephone answering device?

Fax Only

No ↓

Do you want the machine to answer fax and telephone calls automatically?   No → **Manual**

Yes ↓

Fax/Tel

Yes ↓

External TAD

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`.

4 Press ◄ or ► to choose `Fax Only`, `Fax/Tel`, `External TAD` or `Manual`.
Press **OK**.

5 Press **Stop/Exit**.
The LCD will display the current receive mode.

Using receive modes

Some receive modes answer automatically (`Fax Only` and `Fax/Tel`). You may want to change the ring delay before using these modes. (See *Ring Delay* on page 29.)

Fax Only

Fax Only mode will automatically answer every call as a fax call.

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.

(See *F/T Ring Time (Fax/Tel mode only)* on page 29 and *Ring Delay* on page 29.)

Manual

To receive a fax in manual mode lift the handset of an external telephone. When you hear fax tones (short repeating beeps), press **Mono Start** or **Colour Start** and choose `Receive`. You can also use the Fax Detect feature to receive faxes by lifting a handset on the same line as the machine.

(See *Fax Detect* on page 30.)

External TAD

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 38.)

Note

Do not turn off Distinctive Ring if you are subscribed to FaxStream® Duet®.

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 telephones on the same line as the machine choose the maximum number of rings.

(See *Operation from external and extension telephones* on page 40 and *Fax Detect* on page 30.)

a Press **Menu**.

b Press ▲ or ▼ to choose `Fax`.
Press **OK**.

c Press ▲ or ▼ to choose
`Setup Receive`.
Press **OK**.

d Press ▲ or ▼ to choose `Ring Delay`.

e Press ◀ or ▶ to choose how many times the line rings before the machine answers (`2-10` for Australia, `1-10` for New Zealand, `0-10` for some countries).
Press **OK**.
If you choose `0`, the line will not ring at all.

f Press **Stop/Exit**.

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

When somebody calls your machine, you and your caller will hear the normal telephone ring sound. The number of rings is set by the ring delay setting.

If the call is a fax, then your machine will receive it; however, if it is a voice call the machine will sound the F/T Ring (a fast double-ring) for the time you have set in the F/T Ring Time setting. If you hear the F/T Ring it means that you have a voice caller on the line.

Because the F/T Ring is made by the machine, extension and external telephones will *not* ring; however, you can still answer the call on any telephone. (For more information see *Using remote codes* on page 41.)

a Press **Menu**.

b Press ▲ or ▼ to choose `Fax`.
Press **OK**.

c Press ▲ or ▼ to choose
`Setup Receive`.
Press **OK**.

d Press ▲ or ▼ to choose
`F/T Ring Time`.

e Press ◀ or ▶ to choose how long the machine will ring to alert you that you have a voice call (20, 30, 40 or 70 seconds for Australia and some countries, 20, 30, 40 or 55 seconds for New Zealand).
Press **OK**.

f Press **Stop/Exit**.

Note

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

5

Fax Detect

If Fax Detect is `On`:

Fax Detect is turned `On` as default.

The machine receives a fax call automatically, even if you answer the call. When you see `Receiving` on the LCD or when you hear "chirps" through the handset you are using, just replace the handset. Your machine will do the rest.

If Fax Detect is `Off`:

If you are at the machine and answer a fax call by lifting the handset, press **Mono Start** or **Colour Start**, then press **2** to receive the fax.

If you answered at an extension telephone, press * **5 1** (* **9 1** for New Zealand). (See *Operation from external and extension telephones* on page 40.)

Note

- If this feature is set to `On`, but your machine does not connect a fax call when you lift an extension or external telephone handset, press the remote activation code * **5 1** (* **9 1** for New Zealand).

- If you send faxes from a computer on the same telephone 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`.

5 Press ◄ or ► to choose `On` (or `Off`). Press **OK**.

6 Press **Stop/Exit**.

Telephone and external devices

Voice operations

Tone or pulse (Not Available for New Zealand)

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

1 Pick up the handset of the external telephone.

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 (fast double-ring) to alert you to pick up a voice call.

If you are at an external telephone, lift the handset of the external telephone, and then press **Hook** to answer.

If you are at an extension telephone, you'll need to lift the handset during the F/T Ring Time and then press **# 5 1** (**# 9 1** for New Zealand) between the fast double-rings. If no one is on the line, or if someone wants to send you a fax, send the call back to the machine by pressing $*$ **5 1** ($*$ **9 1** for New Zealand).

Telephone Service for Australia

Telstra® FaxStream® Duet® (Distinctive Ring)

Telstra® FaxStream® Duet® is an enhanced Public Switched Telephone Service (PSTS) offered by Telstra® that allows you to have an additional number on one phone line, with its own distinctive ring pattern. Telstra® FaxStream® Duet® is a call handling feature that helps users distinguish voice and facsimile calls. With FaxStream® Duet®, incoming calls to a fax number are announced by a different, distinctive ring signal. Only one call can be answered (or made) at any one time and while this call is in progress, incoming calls to either number will be presented with a busy tone.

Your machine has a Distinctive Ring function, allowing you to dedicate one phone number just for receiving faxes.

Note

After you have set the Distinctive Ring feature to `On`, the receive mode is set to `Manual` automatically. Your Distinctive Ring Number does not allow Voice calls - only Faxes. You can not change the receive mode from `Manual` mode while the Distinctive Ring is set to on.

What is the Advantage of using Telstra® FaxStream® Duet® Function?

Using Telstra® FaxStream® Duet® is the most efficient way to receive both fax and telephone calls on the same line. When the voice call comes in, all phones (extension and external) and the fax machine will ring to alert you to pick it up. If a fax call comes in, the fax machine will answer automatically without ringing, whereas the extension and external phones will ring twice with a distinctive ring pattern. It is also a more efficient way of operating a Fax machine with an extension phone as you do not have to use the remote activation codes. It gives you two independent numbers without the higher cost of a second line.

How does Telstra® FaxStream® Duet® Work?

Incoming calls to the voice number, will have the standard ring pattern of long, long tone, followed by a pause, repeated, while the new fax number will have a different ring pattern of three short bursts of ring, repeated at regular intervals.

When FaxStream® Duet® is On and you receive a voice call all extension and external phones will ring with a standard ring pattern. The fax machine will ring on the third ring with a standard ring pattern. All external and the extension phones will continue to ring, until you or a telephone answering device can answer the voice number.

When FaxStream® Duet® is On and you receive a fax call on the Duet® number the Fax machine will answer and automatically receive the fax message without ringing. On the other hand, all extension and external phones will ring twice with a distinctive ring pattern. Do not answer the phone as you are receiving a fax message.

Flowchart Sequence of Incoming call

```
           ┌─────────────────────────┐
           │     Incoming Call       │
           │ (either Voice or Fax)   │
           └─────────────────────────┘
                        │
                        ▼
           ┌─────────────────────────┐
           │ All extension phones ring│
           │ twice, fax machine is    │
           │ silent.                  │
           └─────────────────────────┘
  Registered  │                    │  Main number
  Duet (Fax)  │                    │  (Voice Number)
  Number      ▼                    ▼
 ┌──────────────┐       ┌──────────────┐
 │ Fax machine  │       │ Fax machine  │
 │ automatically│       │ begins ringing│
 │ receives and │       │ on third ring.│
 │ prints       │       └──────────────┘
 │ fax message  │         │          │
 │ without      │         ▼          ▼
 │ ringing.     │  ┌──────────┐ ┌──────────────┐
 └──────────────┘  │You answer│ │Telephone     │
                   │the call  │ │Answering     │
                   │at an     │ │Device (TAD)  │
                   │external  │ │answers the   │
                   │phone or  │ │call.         │
                   │an        │ └──────────────┘
                   │extension │
                   │phone or  │
                   │at the    │
                   │machine's │
                   │handset.  │
                   └──────────┘
```

Registering the Distinctive Ring pattern

Very Important!

After you have set the Distinctive Ring feature to on, the receive mode is set to `Manual` automatically. Your Distinctive Ring Number does not allow Voice calls - only Faxes. You cannot change the receive mode to another mode while the Distinctive Ring is set to 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 `Distinctive`.

5. Press ◀ or ▶ to choose `On`.
   Press **OK**.

6. Press **Stop/Exit**.
   Distinctive Ring is now set to on.

Turning off Distinctive Ring

1. Press **Menu**.

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

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

4. Press ▲ or ▼ to choose `Distinctive`.

5. Press ◀ or ▶ to choose `Off`.
   Press **OK**.

6. Press **Stop/Exit**.

Note

If you turn off Distinctive Ring, the machine will stay in `Manual` receive mode. You will need to set the Receive Mode again. (See *Choose the Receive Mode* on page 27.)

Caller ID

Caller ID is a telephone service that allows the subscriber to see a display of the caller's phone number or name 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 machine memory.

Note

To get the Caller ID Service: apply for the Caller ID service at your local telephone company, if available.

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls. Businesses that provide mail order services, money-lending services or provide confidential information, can protect themselves from false orders or acceptance of false identification.

At Home

Residential customers can protect themselves from unwanted calls.

6

How Does the Caller ID Work?

The Caller ID Appears on the Display When Your Telephone Rings

As your telephone rings, the display shows you the caller's phone number or name if the name has stored in the Speed Dial. Once you answer the call, the caller's ID disappears. You will see up to the first 16 characters of the number on the display.

Note

• If `ID Unknown` appears on the display, it means that the call came from outside your caller ID service area or a public phone. [1]

• If `ID Withheld` appears on the display, it means the caller intentionally blocked the transmission of his/her ID. [1]

[1] Depends on network function.

The Caller ID is Stored in Your Machine Memory

The machine can store a maximum of the last 30 incoming caller IDs in the memory, along with the time and date of reception. The 31st call will cause the oldest ID to be erased.

The Caller ID information stored in the memory can be used for the following.

■ **Printing the Caller ID List.**

You can review calls you received by checking the Caller IDs in memory. This report will list the Date, Time, Phone Number (Caller ID) name, and type of Call (Comment) if available. (See *How to print a report* in *chapter 6* in the *Advanced User's Guide*.)

Telephone Service for New Zealand

FaxAbility

FaxAbility is a service offered by Telecom that allows you to have an additional number on one phone line, with its own distinctive ring pattern. This way, when you get an incoming call, you can identify the number being called by its ring.

How Will the Fax Machine Treat All Other Numbers?

FaxAbility mode ensures that the machine will answer calls to the FaxAbility (secondary) number. When a call comes in to your main number, all the phones will ring. You can set an external answering device (TAD) to answer calls on the other number(s). (See the chart in the following page.)
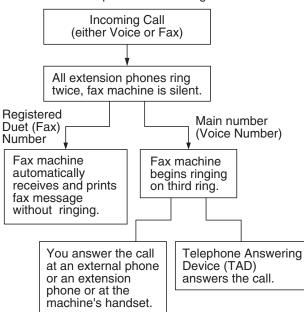
What is the Advantage of Using the FaxAbility Function?

Using FaxAbility is the most efficient way to receive both fax and telephone calls on the same line. It is much easier for your callers who dial manually. The fax machine will answer with receiving tones so they will not have to press an activation code. And the people who call to talk on your main number will not have to talk to your fax machine. Basically, it gives you two independent numbers without the higher cost of a second line.

How Does FaxAbility Work?

Your telephone number will have the standard ring pattern of long, long tone, while the new number will have a ring pattern of long, silence, long, etc. When FaxAbility is On, you will not hear the first ring of all incoming calls on the fax machine. Extension phones will ring as usual. If the fax machine recognizes the ring pattern, all ringing will stop and the fax machine will answer and automatically receive the fax message. Otherwise, you will hear the extension phones and the fax machine continue to ring. The fax machine always listens to the ring pattern before it answers, so do not pick up the phone during that time. You will quickly learn to recognize the ring pattern for faxes, so you will not be tempted to answer that number. Either you or a telephone answering device can answer the main number(s).

Flowchart Sequence of Incoming call

```
        ┌─────────────────────────┐
        │  Incoming Call          │
        │  (either Voice or Fax)  │
        └─────────────────────────┘
                    │
                    ▼
        ┌─────────────────────────┐
        │  All extension phones   │
        │  ring twice, fax        │
        │  machine is silent.     │
        └─────────────────────────┘
```

Registered Duet (Fax) Number / Main number (Voice Number)

```
┌──────────────────┐   ┌──────────────────┐
│ Fax machine      │   │ Fax machine      │
│ automatically    │   │ begins ringing   │
│ receives and     │   │ on third ring.   │
│ prints fax       │   └──────────────────┘
│ message without  │
│ ringing.         │
└──────────────────┘
```

```
┌──────────────────┐   ┌──────────────────┐
│ You answer the   │   │ Telephone        │
│ call at an       │   │ Answering        │
│ external phone   │   │ Device (TAD)     │
│ or an extension  │   │ answers the      │
│ phone or at the  │   │ call.            │
│ machine's        │   └──────────────────┘
│ handset.         │
└──────────────────┘
```

Note

After you have set the FaxAbility feature to On, the receive mode is set to Manual automatically. Unless you have a TAD or Voice Mail set up on the FaxAbility number, Manual mode means you must answer all the call yourself. You can not change the receive mode to the other mode while the FaxAbility is set to on.

How to Turn FaxAbility OFF or ON

The FaxAbility function is designed to accommodate the FaxAbility service provided by Telecom. To change the setting, repeat steps ❶-❼; Step ❺ is where you can choose either On or Off.

Call Waiting beeps caused by incoming calls on your main number can affect fax transmissions. If you have FaxAbility Service but don't have Call Waiting, you need do nothing at this stage. If you do have Call Waiting as well as FaxAbility, set the Call Waiting menu option to On. See below.

❶ Press **Menu**.

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

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

❹ Press ▲ or ▼ to choose Faxability.

❺ Press ◀ or ▶ to set FaxAbility to On (or Off).
If you have FaxAbility service, choose On.
Press **OK**.

❻ Press ▲ or ▼ to choose Call Waiting.

❼ Press ◀ or ▶ to choose Call Waiting to On (or Off).
If you have Call Waiting service, choose On to avoid the trouble caused by Call Waiting.
Press **OK**.

❽ Press **Stop/Exit**.

6

Caller ID

Caller ID is a telephone service that allows the subscriber to see a display of the caller's phone number and name if available 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 machine memory.

Note

To get the Caller ID Service, apply for the Caller ID service at your local telephone company, if available.

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls. Businesses that provide mail order services, money-lending services or provide confidential information, can protect themselves from false orders or acceptance of false identification.

At Home

Residential customers can protect themselves from unwanted calls.

How Does the Caller ID Work?

The Caller ID Appears on the Display When Your Telephone Rings

As your telephone rings, the display shows you the caller's phone number or name if available. Once you answer the call, the caller's ID disappears. You will see up to the first 16 characters of the number and name if available on the display. (See *How to print a report* in *chapter 6* in the *Advanced User's Guide*.)

Note

- If `ID Unknown` appears on the display, it means that the call came from outside your caller ID service area. [1]

- If `ID Withheld` appears on the display, it means the caller intentionally blocked the transmission of his/her ID. [1]

[1]   Depends on network function.

Telephone Service for Some Countries

Distinctive Ring (For Singapore and Hong Kong)

This machine feature lets you use the Distinctive Ring subscriber service offered by some telephone companies, which allows you to have several telephone numbers on one phone line. Each phone number has its own Distinctive Ring pattern, so you will know which phone number is ringing. This is one way you can have a separate phone number for your machine.

Your machine has a Distinctive Ring function, allowing you to dedicate one phone number just for receiving faxes. You will need to set Distinctive Ring to On.

Note

You can switch it off temporarily, then turn it back on. When you get a new fax number, make sure you reset this function.

• The machine will answer only calls to the Distinctive Ring number.

Registering the Distinctive Ring pattern

Very Important!

After you have set the Distinctive Ring feature to on, the receive mode is set to Manual automatically. Unless you have a TAD or Voice Mail set up on the Distinctive Ring number, Manual mode means you must answer all the calls yourself. You cannot change the receive mode to another mode while the Distinctive Ring is set to 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 Distinctive.

5. Press ◄ or ► to choose On.
   Press **OK**.

6. Press **Stop/Exit**.
   Distinctive Ring is now set to on.

Turning off Distinctive Ring

1. Press **Menu**.

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

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

4. Press ▲ or ▼ to choose Distinctive.

5. Press ◄ or ► to choose Off.
   Press **OK**.

6. Press **Stop/Exit**.

Note

If you turn off Distinctive Ring, the machine will stay in Manual receive mode. You will need to set the Receive Mode again. (See *Choose the Receive Mode* on page 27.)

6

Caller ID (For Singapore and Hong Kong)

The Caller ID feature of this machine lets you use the Caller ID subscriber service offered by many local phone companies. Call your telephone company for details. This service provides you, by means of the screen display, the telephone number (or name) of your caller as the line rings.

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.

■ `ID Unknown` display means call originates outside your Caller ID service area.

■ `ID 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. (See *How to print a report* in *chapter 6* in the *Advanced User's Guide*.)

Caller ID service varies with different carriers. Call your local phone company to determine the kind of service available in your area.
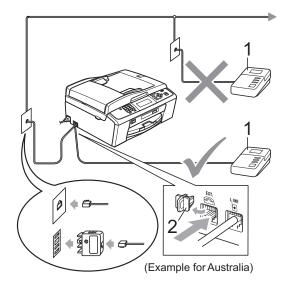
Connecting an external TAD (telephone answering device)

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 recommended setting is 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, shorten the Ring Delay setting on your external TAD.

(Example for Australia)

1 TAD

2 Protective Cap

When the TAD answers a call, the LCD shows `Telephone`.

❶ IMPORTANT

DO NOT connect a TAD elsewhere on the same telephone line.

Settings

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

❶ Set your external TAD to one or two rings. (The machine's Ring Delay setting does not apply.)

❷ Record the outgoing message on your external TAD.

❸ Set the TAD to answer calls.

❹ Set the Receive Mode to External TAD. (See *Choose the Receive Mode* on page 27.)

Recording an outgoing message (OGM) on an external TAD

Timing is important in recording this message.

❶ 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.)

❷ 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 (PABX)

Most offices use a central telephone system.

Brother recommends that all our machines be connected to a discreet (dedicated) line. Although a particular PABX may appear to work with a particular model of fax machine, we cannot guarantee that the unit will operate correctly.
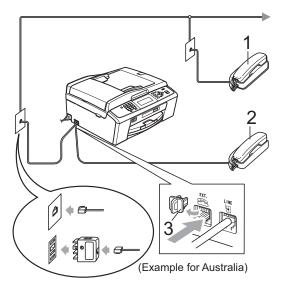
While it is often relatively simple to connect a fax machine to a PABX, (Private Automatic Branch Exchange), we suggest that you contact the company that installed your telephone system and ask them to connect the fax machine for you.

Brother does not recommend the use of a PABX line. PABX limitations in general can cause some functions of the fax machine not to work correctly.

6

External and extension telephones

Connecting an external or extension telephone

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

(Example for Australia)

1 Extension telephone

2 External telephone

3 Protective Cap

When you are using a telephone on the same phone line, the LCD shows Telephone.

Operation from external and extension telephones

If you answer a fax call on an extension or an external telephone, you can make your machine take the call by using the Remote Activation Code. When you press the Remote Activation Code ✱ **5 1** (✱ **9 1** for New Zealand), the machine starts to receive the fax.

If the machine answers a voice call and fast double-rings for you to take over, use the Remote Deactivation Code **# 5 1** (**# 9 1** for New Zealand) to take the call at an extension telephone. (See *F/T Ring Time (Fax/Tel mode only)* on page 29.)

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** (✱ **9 1** for New Zealand) 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 30.)

Using a cordless external telephone

Once the base unit of the cordless telephone has been connected to the same telephone line as the machine (see *External and extension telephones* on page 40), it is easier to answer calls during the Ring Delay if you carry the cordless handset around with you.

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

Using remote codes

Remote Activation code

If you answer a fax call on an extension or external telephone, you can tell your machine to receive it by dialling the Remote Activation Code ✶ **5 1** (✶ **9 1** for New Zealand). Wait for the chirping sounds then replace the handset. (See *Fax Detect* on page 30.)

If you answer a fax call at the external telephone, you can make the machine receive the fax by pressing **Mono Start** and choose Receive.

Remote Deactivation Code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T Ring (fast double-ring), after the initial ring delay. If you pick up the call on an extension telephone you can turn the F/T Ring off by pressing **# 5 1** (**# 9 1** for New Zealand) (make sure you press this *between* the rings).

If the machine answers a voice call and fast double-rings for you to take over, you can take the call at the external telephone by pressing **Hook**.

Changing the remote codes

If you want to use Remote Activation, you have to turn on the remote codes. The preset Remote Activation Code is ✶ **5 1** (✶ **9 1** for New Zealand). The preset Remote Deactivation Code is **# 5 1** (**# 9 1** for New Zealand). If you want to, you can replace them with your own codes.

a Press **Menu**.

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

c Press ▲ or ▼ to choose Setup Receive.
Press **OK**.

d Press ▲ or ▼ to choose Remote Codes.

e Press ◀ or ▶ to choose On (or Off).
Press **OK**.

f Enter the new Remote Activation Code.
Press **OK**.

g Press ▲ or ▼ to choose Deact.Code: and enter the new Remote Deactivation Code.
Press **OK**.

h Press **Stop/Exit**.

Note

• If you are always disconnected when accessing your external TAD remotely, try changing the Remote Activation Code and Remote Deactivation Code to another three-digit code using the numbers **0**-**9**, ✶, **#**.

• Remote Codes might not work with some telephone systems.

Dialling and storing numbers

How to dial

Manual dialling

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

Speed Dialling

a Press ☐ (**Speed Dial**).

You can also choose Speed Dial by pressing ☐ (**FAX**).

b Press ▲ or ▼ to choose Search.
Press **OK**.

c Press the two-digit Speed Dial number. (See *Storing Speed Dial numbers* on page 45.)

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

e Press Send a fax to confirm.

Note

If the LCD shows Not Registered when you enter or search 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.

a Press ☐ (**Speed Dial**).
You can also choose Speed Dial by pressing ☐ (**FAX**).

b Press ▲ or ▼ to choose Search.
Press **OK**.

c Press ▲ or ▼ to choose
Alphabetic Order or
Numeric Order.
Press **OK**.

Note

• Press ✱ to make the LCD font size larger.

• Press **#** to make the LCD font size smaller.

d If you chose Alphabetic Order in step c, 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 minute intervals.

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 Real Time Transmission the automatic redial feature does not work when using the scanner glass.

Additional dialling operations

Outgoing Call history

The last 30 numbers you sent a fax to will be stored in the outgoing call history. You can choose one of these numbers to 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.
   Press **OK**.

3. Do one of the following:

   ■ To send a fax, press ▲ or ▼ to choose Send a fax.

   Press **OK**.

   Press **Mono Start** or **Colour Start**.

   ■ If you want to store the number, press ▲ or ▼ to choose Add SpeedDial.

   Press **OK**.

   (See *Storing Speed Dial numbers from Outgoing Calls* in *chapter 5* in the *Advanced User's Guide*.)

   ■ Press ▲ or ▼ to choose Delete.

   Press **OK**.

   Press **1** to confirm.

4. Press **Stop/Exit**.

7

Caller ID history

This feature requires the Caller ID subscriber service offered by many local telephone companies. (See *Caller ID* on page 33.) (See *Caller ID* on page 36.) (See *Caller ID (For Singapore and Hong Kong)* on page 38.)

The numbers, or names if available, from the last 30 faxes and telephone calls you received will be stored in the Caller ID history. You can view the list or choose one of these numbers to fax to, add to Speed Dial or delete from the history. When the thirty-first call comes into the machine, it replaces information about the first call.

✎ Note _____

If you are not a Caller ID subscriber, you can still view call dates from the Caller ID history, and delete entries from the list.

_____

a Press **Redial/Pause** and press ✱.
You can also choose
Caller ID hist. by pressing
 (**FAX**).

b Press ▲ or ▼ to choose the number you want.
Press **OK**.

c Do one of the following:

■ To send a fax, press ▲ or ▼ to choose
Send a fax.
Press **OK**.
Press **Mono Start** or **Colour Start**.

■ If you want to store the number, press ▲ or ▼ to choose
Add SpeedDial.
Press **OK**.
(See *Storing Speed Dial numbers from Outgoing Calls* in *chapter 5* in the *Advanced User's Guide*.)

■ If you want to delete the number, press ▲ or ▼ to choose Delete.
Press **OK**.
Press **1** to confirm.

d Press **Stop/Exit**.

✎ Note _____

You can print the Caller ID list.
(See *How to print a report* in *chapter 6* in the *Advanced User's Guide*.)

_____

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 number.

Note

If you lose electrical power, the Quick Dial numbers that are in the memory will not be lost.

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

Names and numbers can be stored as two-digit Speed Dial locations. You can store up to 100 different Speed Dial locations. When you dial you will only have to press a few keys (for example: ▥ (**Speed Dial**), Search, **OK**, the two-digit number, and **Mono Start** or **Colour Start**).

1 Press ▥ (**Speed Dial**).

2 Press ▲ or ▼ to choose
Set Speed Dial.
Press **OK**.

3 Press ▲ or ▼ to choose the Speed Dial location where you want to store the number in.
Press **OK**.

4 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 104.)

■ To store the number without a name, press **OK**.

5 Enter the fax or telephone number (up to 20 digits).
Press **OK**.

6 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**.

7 Press ▲ or ▼ to choose Complete.
Press **OK**.

8 Do one of the following:

■ To store another Speed Dial number, go to step 3.

■ If you are finished storing numbers, press **Stop/Exit**.

7

Changing Speed Dial names or numbers

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

a Press ☐ (**Speed Dial**).

b Press ▲ or ▼ to choose
Set Speed Dial.
Press **OK**.

c Press ▲ or ▼ to choose the 2-digit
Speed Dial location you want to change.
Press **OK**.

d Do one of the following:

■ Press ▲ or ▼ to choose Change.
Press **OK**.

■ Press ▲ or ▼ to choose Delete.
Press **OK**.
Press **1** to confirm.
Go to step ⑧.

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**. Re-enter the character.

e If you want to change the name, press
▲ or ▼ to choose Name, then press ▶ and
enter the new name using the dial pad
(up to 16 characters).
Press **OK**.
(See *Entering Text* on page 104.)

f If you want to change a Fax/Tel number,
do one of the following:

■ If you want to change the first
Fax/Tel number, press ▲ or ▼ to
choose Fax/Tel1:, then press ▶
and enter the new fax or telephone
number using the dial pad (up to
20 digits).
Press **OK**.

■ If you want to change the second
Fax/Tel number, press ▲ or ▼ to
choose Fax/Tel2:, then press ▶
and enter the new fax or telephone
number using the dial pad (up to
20 digits).
Press **OK**.

■ If you want to change both numbers
in this Speed Dial location, repeat
this step and choose the other
number.

g Press ▲ or ▼ to choose Complete.
Press **OK**.

h Press **Stop/Exit**.
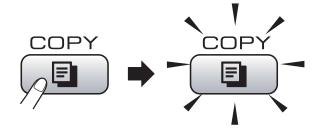
8 Making copies

How to copy

The following steps show the basic copy operation. For details about each option, see the *Advanced User's Guide*.

a Make sure you are in copy mode, press ⊟ (**COPY**) to illuminate it in blue.

■ The LCD shows:

1 No. of Copies

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

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* in *chapter 1* in the *Advanced User's Guide*.)

b Do one of the following to load your document:

■ Place the document *face down* in the ADF.

(See *Using the ADF* on page 22.)

■ Load your document *face down* on the scanner glass.

(See *Using the scanner glass* on page 22.)

c If you want more than one copy, enter the number (up to 99).

d Press **Mono Start** or **Colour Start**.

Stop copying

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

8

Copy settings

You can change the following copy settings.
Press **COPY** and then press ▲ or ▼ to scroll
through the copy settings. When the setting
you want is highlighted, press **OK**.

(Basic User's Guide)

For details about changing the following copy
settings, see page 48.

■ Paper Type

■ Paper Size

(Advanced User's Guide)

For details about changing the following copy
settings, see chapter 7:

■ Quality

■ Enlarge/Reduce

■ Density

■ Ink Save Mode

■ Stack/Sort

■ Page Layout

■ Book Copy

■ Watermark Copy

■ Set New Default

■ Factory Reset

Note

• If you want to sort copies, use the ADF.

• Book Copy, Watermark Copy and
Ink Save Mode features are supported
by technology from Reallusion, Inc.

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.

a Press [▣] (**COPY**).

b Load your document.

c Enter the number of copies you want.

d Press ▲ or ▼ to choose Paper Type.

e Press ◄ or ► to choose Plain Paper,
Inkjet Paper, Brother BP71,
Brother BP61, Other Glossy or
Transparency.
Press **OK**.

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

Paper Size

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

a Press [▣] (**COPY**).

b Load your document.

c Enter the number of copies you want.

d Press ▲ or ▼ to choose Paper Size.

e Press ◄ or ► to choose A4, A5,
10x15cm, Letter or Legal.
Press **OK**.

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

9

Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center™ operations

Even if your machine is *not* connected to your computer, you can print photos directly from digital camera media or a USB Flash memory drive. (See *Print Images* on page 52.)

You can scan documents and save them directly to a memory card or USB Flash memory drive. (See *How to scan to a memory card or USB Flash memory drive* on page 53.)

If your machine is connected to a computer, you can access a memory card or USB Flash memory drive that is inserted in the front of the machine from your computer.

(See *PhotoCapture Center*™ for Windows® or *Remote Setup & PhotoCapture Center*™ for Macintosh in the *Software User's Guide*.)
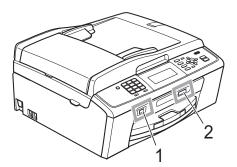
Using a memory card or USB Flash memory drive

Your Brother machine has media drives (slots) for use with the following popular digital camera media: Memory Stick™, Memory Stick PRO™, Memory Stick Duo™, Memory Stick PRO Duo™, SD, SDHC and USB Flash memory drives.

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

Getting started

Firmly put a memory card or USB Flash memory drive into the correct slot.

1 USB Flash memory drive

> **IMPORTANT**
>
> The USB direct interface supports only a USB Flash memory drive, a PictBridge compatible camera, or a digital camera that uses the USB mass storage standard. Any other USB devices are not supported.
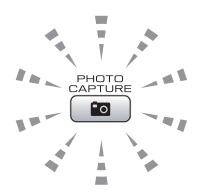
2 Memory card slot

Slot	Compatible memory cards	
Upper slot		Memory Stick™ Memory Stick PRO™
		Memory Stick Duo™ Memory Stick PRO Duo™
		Memory Stick Micro™ (Adapter required)
Lower slot		SD SDHC
		mini SD (Adapter required) micro SD (Adapter required)

> **IMPORTANT**
>
> DO NOT insert a Memory Stick Duo™ into the lower SD slot, this may cause damage to the machine.

PHOTO CAPTURE key indications:

- **PHOTO CAPTURE** light is on, the memory card or USB Flash memory drive is correctly inserted.

- **PHOTO CAPTURE** light is off, the memory card or USB Flash memory drive is not correctly inserted.

- **PHOTO CAPTURE** light is blinking, the memory card or USB Flash memory drive is being read or written to.

❶ IMPORTANT

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

The machine can only read one device at a time.

9

Print Images

View Photos

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.

a Make sure you have put the memory card or USB Flash memory drive in the correct slot.

Press ⬚ (**PHOTO CAPTURE**).

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

c Press ◄ or ► to choose your photo or movie.

d Enter the number of copies you want using dial pad.

e Repeat step ❸ and step ❹ until you have chosen all the photos.

Note

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

f After you have chosen all the photos, do one of the following:

■ Press **OK** and change the print settings. (See *PhotoCapture Center™ print settings* on page 52.)

■ If you do not want to change any settings, press **Colour Start** to print.

PhotoCapture Center™ print settings
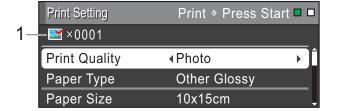
You can change the print settings temporarily.

The machine returns to its default settings after 3 minutes, or if the Mode Timer returns the machine to Fax mode. (See *Mode Timer* in *chapter 1* in the *Advanced User's Guide*.)

Note

You can save the print settings you use most often by setting them as the default. (See *Setting your changes as a new default* in *chapter 8* in the *Advanced User's Guide*.)

```
Print Setting          Print ➜ Press Start ▣ ▢
1─  ▣ ×0001
     Print Quality        ◄Photo              ►
     Paper Type           Other Glossy
     Paper Size           10x15cm
```

1   No. of prints

(For View Photo(s), Search by Date, Slide Show)
You can see the total number of photos that will be printed.

(For Print All Photos, Print Photos, Enhance Photos, Trimming)
You can see the number of copies of each photo that will be printed.

(For DPOF printing)
This does not appear.

How to scan to a memory card or USB Flash memory drive

You can scan monochrome and colour documents onto a memory card or USB Flash memory drive. Monochrome documents will be stored in PDF (*.PDF) or TIFF (*.TIF) file formats. Colour documents may be stored in PDF (*.PDF) or JPEG (*.JPG) file formats. The factory setting is `Color 150` and the default file format is PDF. The machine automatically creates file names based on the current date. (For details, see the *Quick Setup Guide*.) For example, the fifth image scanned on July 1, 2010 would be named 01071005.PDF. You can change the colour and quality.

Quality	Selectable File Format
`Color 150`	JPEG / PDF
`Color 300`	JPEG / PDF
`Color 600`	JPEG / PDF
`B/W 200x100`	TIFF / PDF
`B/W 200`	TIFF / PDF
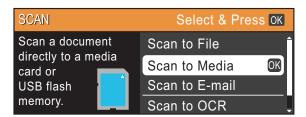
a Make sure you have put the memory card or USB Flash memory drive in the correct slot.

❶ IMPORTANT

DO NOT take out the memory card or USB Flash memory drive while **PHOTO CAPTURE** is blinking to avoid damaging the card, USB Flash memory drive or data stored on them.

b Load your document.

c When you want to scan to a memory card or USB Flash memory drive, press ⬆ (**SCAN**).

d Press ▲ or ▼ to choose `Scan to Media`.

SCAN	Select & Press OK
Scan a document directly to a media card or USB flash memory.	Scan to File
	Scan to Media OK
	Scan to E-mail
	Scan to OCR

Press **OK**.

e Do one of the following:

■ To change the quality, press ▲ or ▼ to choose `Quality`.

Go to step f.

■ Press **Mono Start** or **Colour Start** to start scanning without changing additional settings.

f Press ◀ or ▶ to choose `Color 150`, `Color 300`, `Color 600`, `B/W 200x100` or `B/W 200`. Press **OK**.

g Do one of the following:

■ To change the file type, go to step h.

■ Press **Mono Start** or **Colour Start** to start scanning without changing additional settings.

h Press ▲ or ▼ to choose `File Type`. Press ◀ or ▶ to choose `JPEG`, `PDF` or `TIFF`. Press **OK**.

✏ Note

• If you chose a `Color` resolution in step f, you cannot choose `TIFF`.

• If you chose a `B/W` resolution in step f, you cannot choose `JPEG`.

9

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.
   Press ▲ or ▼ to choose File Name.
   Enter the new name. (See *Entering Text*
   on page 104.)
   You can only change the first
   6 characters.
   Press **OK**.

📝 **Note**

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

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

📝 **Note**

You can place multiple documents on the
scanner glass and scan them as separate
files. (See *Auto Crop* in *chapter 8* in the
Advanced User's Guide.)

10

How to print from a computer

Printing a document

The machine can receive data from your computer and print it. To print from a computer, install the printer driver.

(See *Printing* for Windows® or *Printing and Faxing* for Macintosh in the *Software User's Guide* for the details about the print settings.)

① Install the Brother printer driver on the Installation CD-ROM. (See the *Quick Setup Guide*.)

② From your application, choose the Print command.

③ Choose the name of your machine in the **Print** dialog box and click **Properties**.

④ Choose the settings you want in the Properties dialog box.
- **Media Type/Quality**
- **Paper Size**
- **Page Layout**
- **Colour Settings**
- **Scaling**
- **Use Watermark**
- **Print Date & Time**

⑤ Click **OK**.

⑥ Click **OK** to begin printing.

10

11 How to scan to a computer

Scanning a document

There are several ways to scan documents. You can use the **SCAN** key on the machine or the scanner drivers on your computer.

1 To use the machine as a scanner, install a scanner driver. If the machine is on a Network, configure it with a TCP/IP address.

- Install the scanner drivers on the Installation CD-ROM. (See the *Quick Setup Guide* and *Scanning* in the *Software User's Guide*.)

- Configure the machine with a TCP/IP address if network scanning does not work. (See *Configuring Network Scanning* in the *Software User's Guide*.)

2 Load your document. (See *How to load documents* on page 22.)

- Use the ADF to scan multiple pages of documents. It feeds each sheet automatically.

- Use the scanner glass to scan a page of a book or one sheet at a time.

3 Do one of the following:

- To scan using the **SCAN** key, go to *Scanning using the scan key*.

- To scan using a scanner driver at your computer, go to *Scanning using a scanner driver*.

Scanning using the scan key

For more information, see *Using the Scan key* in the *Software User's Guide*.

1 Press the **SCAN** key.

2 Choose the scan mode you want.

- `Scan to File`
- `Scan to Media`
- `Scan to E-mail`
- `Scan to OCR` [1]
- `Scan to Image`

[1] (Macintosh users)
Presto! PageManager must be downloaded and installed before use. See *Accessing Brother Support (Macintosh)* on page 3 for further instructions.

3 (For network users)
Choose the computer you want to send the data to.

4 Press **Start** to begin scanning.

Scanning using a scanner driver

For more information, see *Scanning a document using the TWAIN driver* or *Scanning a document using the WIA driver* in the *Software User's Guide*.

1 Start a scanning application and click the **Scan** button.

2 Adjust the settings such as **Resolution**, **Brightness** and **Scan Type** in the **Scanner Setup** dialog box.

3 Click **Start** or **Scan** to begin scanning.

Routine maintenance

Replacing the ink cartridges

Your machine is equipped with an ink dot counter. The ink dot counter 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.

Note

For example, when one of the ink cartridge is nearly empty, the LCD will display Ink low (name of colour).

You should purchase a replacement cartridge in preparation for when the machine indicates the colour is completely empty.

When one of the ink cartridge is empty, the LCD will display Cannot Print or B&W Print Only.

You should only replace the actual ink cartridge when this message Cannot Print or B&W Print Only appears 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 to replace an ink cartridge, 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 drying out and damaging the print head assembly.
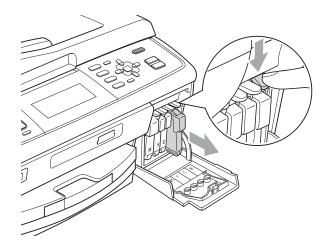
IMPORTANT
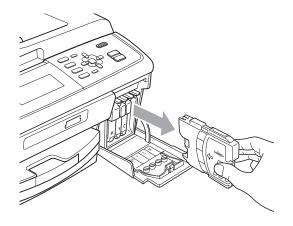
Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance and reliability when used with genuine Brother Original ink cartridges. Brother cannot guarantee this optimum performance and reliability if ink or ink cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother Original cartridges or the refilling of used 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.

a Open the ink cartridge cover.
If one or more of the ink cartridges have reached the end of their life, the LCD shows Cannot Print or B&W Print Only.
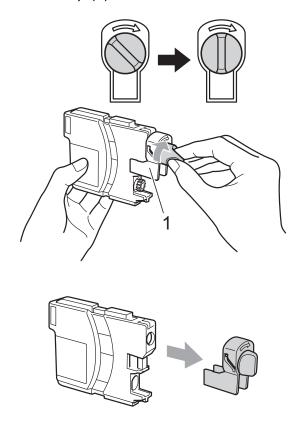
b Press the lock release lever as shown to release the cartridge indicated on the LCD. Remove the cartridge from the machine.
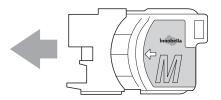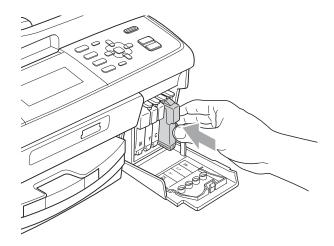
c Open the new ink cartridge bag for the colour shown on the LCD, and then take out the ink cartridge.

d Turn the green knob on the protective yellow cap clockwise until it clicks to release the vacuum seal, then remove the cap (1).

e Each colour has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.

f Gently push the ink cartridge until it clicks, and then close the ink cartridge cover.

g The machine will automatically reset the ink dot counter.

Note

• If you replaced an ink cartridge, for example Black, the LCD may ask you to verify that it was a brand new one (for example, Did You Change BK 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 Ink Cartridge or Cannot Detect after you install the ink cartridges, check that the ink cartridges are installed correctly.

⚠ CAUTION

If ink gets in your eyes, wash it out with water at once and call a doctor if you are concerned.
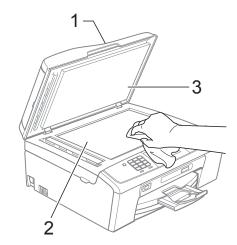
❶ IMPORTANT

- 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 gets on your skin or clothing immediately wash it off with soap or detergent.

- 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.
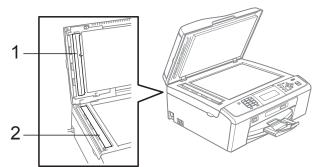
Cleaning and checking the machine

Cleaning the scanner glass

1️⃣ Lift the document cover (1). Clean the scanner glass (2) and the white plastic (3) with a soft lint-free cloth moistened with a non-flammable glass cleaner.

2️⃣ In the ADF unit, clean the white bar (1) and the glass strip (2) with a lint-free cloth moistened with a non-flammable glass cleaner.
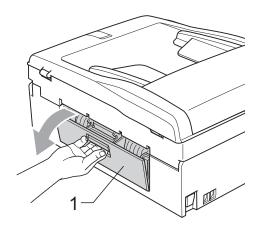
📝 Note
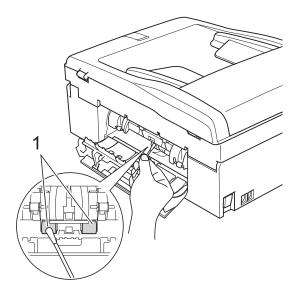
In addition to cleaning the glass strip with a non-flammable glass cleaner, run your finger tip over the glass strip to see if you can feel anything on it. If you feel dirt or debris, clean the glass strip again concentrating on that area. You may need to repeat the cleaning process three or four times. To test, make a copy after each cleaning attempt.

A

Cleaning the paper pick-up rollers

a. Pull the paper tray completely out of the machine.

b. Unplug the machine from the electrical socket and open the Jam Clear Cover (1).

c. Clean the Paper Pick-up Rollers (1) with isopropyl alcohol on a cotton swab.

d. Close the Jam Clear Cover. Make sure the cover is closed correctly.

e. Put the paper tray firmly back in the machine.

f. Re-connect the power cord.

Cleaning the print head

To maintain good print quality, the machine will automatically clean the print head when needed. You can start the cleaning process manually if there is a print quality problem.

Clean the print head and ink cartridges if you get a horizontal line in the text or graphics, or blank text on your printed pages. You can clean Black only, three colours at a time (Cyan/Yellow/Magenta), or all four colours at once.

Cleaning the print head consumes ink. Cleaning too often uses ink unnecessarily.

> **IMPORTANT**
>
> DO NOT touch the print head. Touching the print head may cause permanent damage and may void the print head's warranty.

a. Press **Menu**.

b. Press ▲ or ▼ to choose
Ink Management.
Press **OK**.

c. Press ▲ or ▼ to choose Cleaning.
Press **OK**.

d. 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 the standby mode automatically.

> **Note**
>
> If you clean the print head at least five times and the print has not improved, try installing a new Brother Original Innobella™ ink cartridge for each problem colour. Try cleaning the print head again up to five more times. If 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 **Menu**.

2. Press ▲ or ▼ to choose
   Ink Management.
   Press **OK**.

3. Press ▲ or ▼ to choose Test Print.
   Press **OK**.

4. Press ▲ or ▼ to choose
   Print Quality.
   Press **OK**.

5. Press **Colour Start**.
   The machine begins printing the Print Quality Check Sheet.

6. Check the quality of the four colour blocks on the sheet.

7. 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 and go to step ⑪.

   ■ If you can see missing short lines as shown below, press **2** to choose No.

   OK   Poor

8. The LCD asks you if the print quality is OK for black and three colours.
   Press **1** (Yes) or **2** (No).

9. The LCD asks you if you want to start cleaning.
   Press **1** (Yes).
   The machine starts cleaning the print head.

10. After cleaning is finished, press **Colour Start**.
    The machine starts printing the Print Quality Check Sheet again. Return to step ⑥.

11. Press **Stop/Exit**.
    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.

IMPORTANT

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.

A

Checking the print alignment

You may need to adjust the print alignment after transporting the machine, if your printed text becomes blurred or images become faded.

a Press **Menu**.

b Press ▲ or ▼ to choose
Ink Management.
Press **OK**.

c Press ▲ or ▼ to choose Test Print.
Press **OK**.

d Press ▲ or ▼ to choose Alignment.
Press **OK**.

e Press **Mono Start** or **Colour Start**.
The machine starts printing the
Alignment Check Sheet.

f Check the 600 dpi and 1200 dpi test prints to see if number 5 most closely matches number 0.

g Do one of the following:

■ If the number 5 samples of both the 600 dpi and 1200 dpi test prints are the best matches, press **1** (Yes) to finish the Alignment Check and go to step j.

■ If another test print number is a better match for either 600 dpi or 1200 dpi, press **2** (No) to choose it.

h For 600 dpi, press the number of the test print that most closely matches the number 0 sample (1-8).

i For 1200 dpi, press the number of the test print that most closely matches the number 0 sample (1-8).

j Press **Stop/Exit**.

B Troubleshooting

Error and Maintenance messages

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

You can correct most errors and routine maintenance 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

`B&W Print Only`
 	
`Replace Ink`
	One or more of the colour ink cartridges have reached the end of their life.
	
	You can use the machine in monochrome mode for approximately four weeks depending on the number of pages you print.
	
	While this message appears on the LCD, each operation works in the following way:
	
	■ Printing
	
	If you click **Greyscale** in the **Advanced** tab of the printer driver you can use the machine as a monochrome printer.
	
	■ Copying
	
	If the paper type is set to `Plain Paper` or `Inkjet Paper` you can make copies in monochrome.
	
	■ Faxing
	
	If the paper type is set to `Plain Paper` or `Inkjet Paper`, the machine will receive and print the faxes in monochrome.
	
	If a sending machine has a colour fax, the machine's "handshake" will ask that the fax be sent as monochrome.
	
	If the paper type is set to `Other Glossy`, `Brother BP71` or `Brother BP61` the machine will stop all print operations. *If you unplug the machine, or take out the ink cartridge, you cannot use the machine until you change to a new ink cartridge.*
		Replace the ink cartridges. (See *Replacing the ink cartridges* on page 57.)

Error Message	Cause	Action
Cannot Detect	You installed a new ink cartridge too quickly and the machine did not detect it.	Take out the new ink cartridge and re-install it slowly until it clicks.
	If you are using non Brother Original ink the machine may not detect the ink cartridge.	Replace the cartridge with a Brother Original ink cartridge. If the error message remains, contact your Brother dealer.
	An ink cartridge is not installed correctly.	Take out the new ink cartridge and re-install it slowly until it clicks. (See *Replacing the ink cartridges* on page 57.)
Cannot Print Replace Ink	One or more of the ink cartridges have reached the end of their life. The machine will stop all print operations. While memory is available, monochrome 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 monochrome.	Replace the ink cartridges. (See *Replacing the ink cartridges* on page 57.)
Comm.Error	Poor telephone line quality caused a communication error.	If the problem continues, call the telephone company and ask them to check your telephone 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 completely closed.	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.	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 correctly, or the document scanned from the ADF was too long.	(See *Using the ADF* on page 22.) (See *Document jam* on page 70.)
High Temperature	The print head is too warm.	Allow the machine to cool down.
Hub is Unusable.	A Hub or USB Flash memory drive with Hub has been connected to the USB direct interface.	A Hub or USB Flash memory drive with Hub are not supported. Unplug the device from the USB direct interface.
Image Too Long.	The proportions of your photo are irregular so effects could not be added.	Choose a regularly proportioned image.
Image Too Small.	The size of your photo is too small to trim.	Choose a larger image.

Error Message	Cause	Action
Ink Absorber Full	Internal servicing required. This problem may be caused by the use of cartridges other than genuine Brother Original cartridges 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 other brands of ink or ink cartridges, any repairs required as a result may not be covered by the warranty.	Call Brother Customer Service / your Brother dealer.
Ink Absorber NearFull	The ink absorber box or flushing box is near full.	Call Brother Customer Service / your Brother dealer.
Ink low	One or more of the ink cartridges are near the end of their life. If a sending machine has a colour fax to send, your machine's "handshake" will ask that the fax be sent as monochrome. If the sending machine has the ability to convert it, the colour fax will be printed at your machine as a monochrome fax.	Order a new ink cartridge. You can continue printing until the LCD shows Cannot Print. (See *Replacing the ink cartridges* on page 57.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, incorrectly 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 (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB Flash memory drive you are using already contains 999 files.	Your machine can only save to your memory card or USB Flash memory drive if it contains less than 999 files. Try deleting unused files to free some space and try again.
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 *Caller ID* on page 33.) (See *Caller ID* on page 36.) (See *Caller ID (For Singapore and Hong Kong)* on page 38.)
No File	The memory card or USB Flash memory drive in the media drive does not contain a .JPG file.	Put the correct memory card or USB Flash memory drive into the slot again.

B

Error Message	Cause	Action
No Ink Cartridge	An ink cartridge is not installed correctly.	Take out the new ink cartridge and re-install it slowly until it clicks. (See *Replacing the ink cartridges* on page 57.)
No Paper Fed	The Photo Paper Tray is in the *Photo* printing position.	Make sure that the Photo Paper Tray is in the *Normal* printing position. (See step ❹ and the Important note in *Loading photo paper* on page 13.)
	The machine is out of paper or paper is not correctly loaded in the paper tray.	Do one of the following: ■ 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**. (See *Loading paper and other print media* on page 9.)
	The paper is jammed in the machine.	Remove the jammed paper by following the steps in *Printer jam or paper jam* on page 71.
	The Jam Clear Cover is not closed correctly.	Check the Jam Clear Cover is closed evenly at both ends. (See *Printer jam or paper jam* on page 71.)
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 *Storing Speed Dial numbers* on page 45.)
Out of Fax Memory	The fax memory is full.	Do one of the following: ■ Clear the data in the memory. To gain extra memory, you can turn off Memory Receive. (See *Turning off Memory Receive operations* in *chapter 4* in the *Advanced User's Guide*.) ■ Print the faxes that are in the memory. (See *Printing a fax from the memory* in *chapter 4* in the *Advanced User's Guide*.)

Error Message	Cause	Action
Out of Memory	The machine's memory is full.	**Copy operation in progress** Do one of the following: ■ Press **Stop/Exit** and wait until the other operations in progress finish and then try again.
	The memory card or USB Flash memory drive you are using does not have enough free space to scan the documents.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.
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 *Printer jam or paper jam* on page 71.)
		Make sure the paper length guide is adjusted to the correct paper size. Do not extend the paper tray when you load A5 or smaller size paper.
Unable to Clean XX Unable to Init. XX Unable to Print XX Unable to Scan XX	The machine has a mechanical problem. —OR— A foreign object such as a paper clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects and paper scraps from inside the machine. If the error message continues, see *Transferring your faxes or Fax Journal report* on page 68 before disconnecting the machine so you will not lose any important messages. Then, disconnect the machine from the power for several minutes and reconnect it.
Unusable Device Disconnect device from front connector & turn machine off & then on	A broken device has been connected to the USB direct interface.	Unplug the device from the USB direct interface, then press **On/Off** to turn the machine off and then on again.
Unusable Device Please Disconnect USB Device.	A USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com/	Unplug the device from the USB direct interface.
Wrong Paper Size	Paper is not the correct size.	Check that the Paper Size setting matches the size of paper in the tray. Load the correct size of paper, and then press **Mono Start** or **Colour Start**. (See *Paper Size* on page 17.)

B

Error animations display

Error animations display step-by-step instructions when paper gets jammed. You can read the steps at your own pace by pressing ▶ to see the next step and ◀ to go backward.

Transferring your faxes or Fax Journal report

If the LCD shows:

- 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* on page 68 or *Transferring faxes to your PC* on page 69.)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (See *Transferring the Fax Journal report to another fax machine* on page 69.)

Transferring faxes to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode. (See *Enter personal information (Station ID)* in the *Quick Setup Guide*.)

a Press **Stop/Exit** to interrupt the error temporarily.

b Press **Menu**.

c Press ▲ or ▼ to choose Service. Press **OK**.

d Press ▲ or ▼ to choose Data Transfer. Press **OK**.

e Press ▲ or ▼ to choose Fax Transfer. Press **OK**.

f 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.

g 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* in the *Software User's Guide*.)

3. Make sure you have set PC-Fax Receive on the machine. (See *PC-Fax Receive (Windows® only)* in *chapter 4* in the *Advanced User's Guide*.)
   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 the Fax Journal report to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode. (See *Enter personal information (Station ID)* in the *Quick Setup Guide*.)

1. Press **Stop/Exit** to interrupt the error temporarily.

2. Press **Menu**.

3. Press ▲ or ▼ to choose Service. Press **OK**.
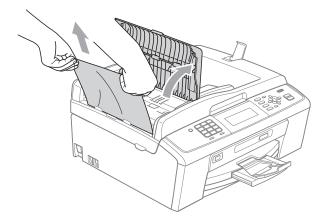
4. Press ▲ or ▼ to choose Data Transfer. Press **OK**.

5. Press ▲ or ▼ to choose Report Trans. Press **OK**.

6. Enter the fax number to which the Fax Journal report will be forwarded.

7. Press **Mono Start**.

B

Document jam

Documents can jam in the ADF unit if they are not inserted or fed correctly, 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

a Take out any paper from the ADF that is not jammed.

b Open the ADF cover.

c Pull the jammed document out to the left.

d Close the ADF cover.
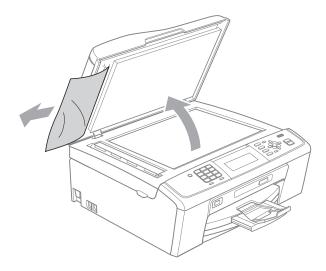
e Press **Stop/Exit**.

IMPORTANT

To avoid document jams close the ADF cover correctly by pushing it gently in the middle.

Document is jammed inside the ADF unit

a Take out any paper from the ADF that is not jammed.

b Lift the document cover.

c Pull the jammed document out to the left.

d Close the document cover.

e Press **Stop/Exit**.

Printer jam or paper jam
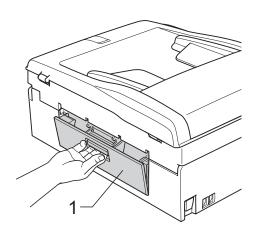
Take out the jammed paper depending on where it is jammed in the machine.

a Unplug the machine from the electrical socket.
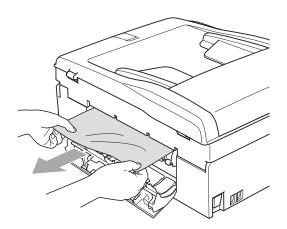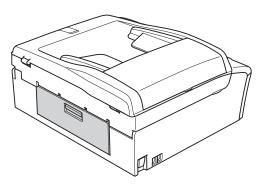
> **❶ IMPORTANT**
>
> Before you unplug the machine from the power source, you can transfer your faxes that are stored in the memory to your PC or another fax machine so you will not lose any important messages. (See *Transferring your faxes or Fax Journal report* on page 68.)

b Open the Jam Clear Cover (1) at the back of the machine. Pull the jammed paper out of the machine.
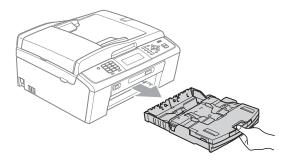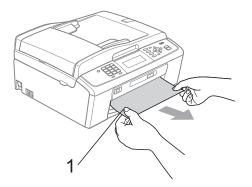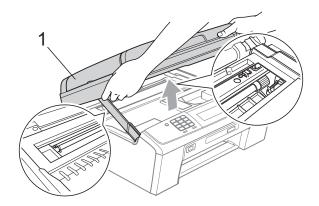
1

c Close the Jam Clear Cover.
Make sure the cover is closed correctly.

d If the paper support flap is open, close it, and then close the paper support. Pull the paper tray completely out of the machine.

e Pull out the jammed paper (1).

1

B
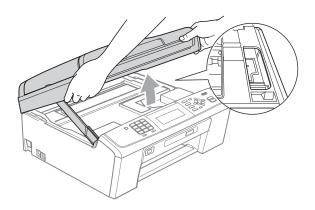
f Using both hands, grasp the plastic tabs on both sides of the machine and lift the scanner cover (1) until it locks securely in the open position.

Move the print head (if necessary) to take out any paper remaining in this area. Make sure that jammed paper is not left in the corners of the machine. Check *both* ends of the print cartridge.

📝 **Note**
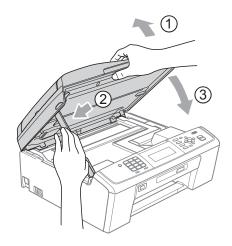
If the print head is at the right corner as shown in the illustration, you cannot move it. Re-connect the power cord, then hold down **Stop/Exit** until the print head moves to the middle. Unplug the machine from the power source, and take out the paper.

🚫 **IMPORTANT**

If ink gets on your skin or clothing immediately wash it off with soap or detergent.

g Lift the scanner cover to release the lock (①). Gently push the scanner cover support down (②) and close the scanner cover (③) using both hands.

h Push the paper tray firmly back into the machine.

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

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

🚫 **IMPORTANT**

DO NOT use the paper support flap for Legal size paper.

j Re-connect the power cord.

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 on both the machine and your computer. (See the *Quick Setup Guide*.)
	Check that the machine is plugged in and that the **On/Off** key is on.
	One or more ink cartridges have reached the end of their life. (See *Replacing the ink cartridges* on page 57.)
	Check to see if the LCD is showing an error message. (See *Error and Maintenance messages* on page 63.)
	If the LCD shows Cannot Print and Replace Ink, see *Replacing the ink cartridges* on page 57.
	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**. **Brother MFC-XXXXX** (where XXXXX is your model name), and make sure that **Use Printer Offline** is unchecked.
	When you choose the **Print Odd Pages** and **Print Even Pages** settings, you may see a print error message on your computer, as the machine pauses during the printing process. The error message will disappear after the machine re-starts printing.
Poor print quality.	Check the print quality. (See *Checking the print quality* on page 61.)
	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 *Printing* for Windows® or *Printing and Faxing* for Macintosh in the *Software User's Guide* and *Paper Type* on page 17.)
	Make sure that your ink cartridges are fresh. The following may cause ink to clog: ■ The expiration date written on the cartridge package has passed. (Brother Original cartridges stay usable for up to two years if kept in their original packaging.) ■ The ink cartridge has been in your machine for over six months. ■ The ink cartridge may not have been stored correctly before use.
	Make sure you are using Brother Original Innobella™ ink.
	Try using the recommended types of paper. (See *Acceptable paper and other print media* on page 18.)
	The recommended environment for your machine is between 20 °C to 33 °C.

B

Printing (continued)

Difficulty	Suggestions
White horizontal lines appear in text or graphics.	Clean the print head. (See *Cleaning the print head* on page 60.)
	Make sure you are using Brother Original Innobella™ ink.
	Try using the recommended types of paper. (See *Acceptable paper and other print media* on page 18.)
The machine prints blank pages.	Clean the print head. (See *Cleaning the print head* on page 60.)
	Make sure you are using Brother Original Innobella™ ink.
Characters and lines are stacked.	Check the printing alignment. (See *Checking the print alignment* on page 62.)
Printed text or images are skewed.	Make sure the paper is loaded correctly in the paper tray and the paper side guides are adjusted correctly. (See *Loading paper and other print media* on page 9.)
	Make sure the Jam Clear Cover is closed correctly.
Smudged stain at the top centre of the printed page.	Make sure the paper is not too thick or curled. (See *Acceptable paper and other print media* on page 18.)
Smudged stain at the right or left corner of the printed page.	Make sure the paper is not curled when you print on the back side of the paper with the **Print Odd Pages** and **Print Even Pages** settings.
Printing appears dirty or ink seems to run.	Make sure you are using the recommended types of paper. (See *Acceptable paper and other print media* on page 18.) Don't handle the paper until the ink is dry.
	Make sure you are using Brother Original Innobella™ ink.
	If you are using photo paper, make sure that you have set the correct paper type. If you are printing a photo from your PC, set the **Media Type** in the **Basic** tab of the printer driver.
Stains appear on the reverse side or at the bottom of the page.	Make sure the printer platen is not dirty with ink. (See *Cleaning the machine's printer platen* in *appendix A* in the *Advanced User's Guide*.)
	Make sure you are using Brother Original Innobella™ ink.
	Make sure you are using the paper support flap. (See *Loading paper and other print media* on page 9.)
The machine prints dense lines on the page.	Check **Reverse Order** in the **Basic** tab of the printer driver.
The printouts are wrinkled.	In the printer driver **Advanced** tab, click **Colour Settings**, and uncheck **Bi-Directional Printing** for Windows® or **Bi-Directional Printing** for Macintosh.
	Make sure you are using Brother Original Innobella™ ink.
Cannot perform "Page Layout" 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 **Advanced** tab. Also, click **Colour Settings**, and make sure you uncheck **Colour Enhancement**.
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh in the *Software User's Guide*.)
Colour Enhancement is not working correctly.	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.

Printing (continued)

Difficulty	Suggestions
Photo paper does not feed correctly.	When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
	Clean the paper pick-up rollers. (See *Cleaning the paper pick-up rollers* on page 60.)
Machine feeds multiple pages.	Make sure the paper is loaded correctly in the paper tray. (See *Loading paper and other print media* on page 9.)
	Check that more than two types of paper are not loaded in the paper tray at any one time.
There is a paper jam.	Make sure the paper length guide is set to the correct paper size. Do not extend the paper tray when you load A5 or smaller size paper. (See *Printer jam or paper jam* on page 71.)
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See *Loading paper and other print media* on page 9.)
Machine does not print from Adobe® Illustrator®.	Try to reduce the print resolution. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh in the *Software User's Guide*.)

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 have reached the end of their life, and then ask the other person to send the colour fax again. (See *Replacing the ink cartridges* on page 57.)
Left and Right margins are cut off or a single page is printed on two pages.	Turn on Auto Reduction. (See *Printing a reduced incoming fax* in *chapter 4* in the *Advanced User's Guide*.)

Telephone Line or Connections

Difficulty	Suggestions
Dialling does not work. (No dial tone)	Make sure the machine is plugged in and turned on.
	Check the line cord connections.
	(Not available in New Zealand) Change the Tone/Pulse setting. (See *Tone or pulse (Not Available for New Zealand)* on page 31.)
	Lift the external telephone's handset and listen for a dial tone. If there is no dial tone, ask your telephone company to check the line and/or socket.
The machine does not answer when called.	Make sure the machine is in the correct Receive Mode for your setup. (See *Choose the Receive Mode* on page 27.) 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.

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Sending Faxes

Difficulty	Suggestions
Cannot send a fax.	Check all line cord connections.
	Make sure that the **FAX** key is illuminated.
	Ask the other party to check that the receiving machine has paper.
	Print the Transmission Verification Report and check for an error. (See *Reports* in *chapter 6* in the *Advanced User's Guide*.)
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:ERROR" on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Memory Receive (see *Turning off Memory Receive operations* in *chapter 4* in the *Advanced User's Guide*), print fax messages in memory (see *Printing a fax from the memory* in *chapter 4* in the *Advanced User's Guide*) or cancel a Delayed Fax or Polling Job (see *Cancelling a fax in progress* on page 25 and *Checking and cancelling waiting jobs* in *chapter 3* in the *Advanced User's Guide*). If the problem continues, ask the telephone company to check your telephone line.
	If you often get transmission errors due to possible interference on the telephone line, try changing the menu setting of Compatibility to Basic(for VoIP). (See *Telephone line interference / VoIP* on page 81.)
Poor fax send quality.	Try changing your resolution to Fine or S.Fine. Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner. (See *Cleaning the scanner glass* on page 59.)
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See *Cleaning the scanner glass* on page 59.)

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 *Fax Detect* on page 30.)
Sending a fax call to the machine.	If you answered on an extension telephone, press your Remote Activation Code (the factory setting is ✱ **5 1** (✱ **9 1** for New Zealand)). If you answered on an external telephone, press **Start** to receive the fax. When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, an alarm system or other custom feature on a single telephone 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 (Error Correction Mode) 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 telephone line with no custom features is recommended.

Copying Difficulties

Difficulty	Suggestions
Cannot make a copy.	Make sure that the **COPY** ⊟ key is illuminated.
Poor copy results when using the ADF.	Try using the scanner glass. (See *Using the scanner glass* on page 22.)
Vertical black lines or streaks appear in copies.	Vertical black lines or streaks on copies are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See *Cleaning the scanner glass* on page 59.)
Fit to Page does not work correctly.	Make sure your source document is not skewed. Reposition the document and try again.

Scanning Difficulties

Difficulty	Suggestions
TWAIN or WIA errors appear when starting to scan. (Windows®)	(Not available in Hong Kong) Make sure the Brother TWAIN or WIA driver is chosen as the primary source in your scanning application. For example, in PaperPort™11SE with OCR, click **File**, **Scan or Get Photo** and click **Select** to choose the Brother TWAIN or WIA driver.
TWAIN or ICA errors appear when starting to scan. (Macintosh)	(Hong Kong users only) Make sure the Brother TWAIN driver is chosen as the primary source. In PageManager, click **File**, **Select Source**, **TWAIN** and choose the Brother TWAIN driver. Mac OS X 10.6.x users can also scan documents using the ICA Scanner Driver. See *Scanning a document using the ICA driver (Mac OS X 10.6.x)* in the *Software User's Guide*.
Poor scanning results when using the ADF.	Try using the scanner glass. (See *Using the scanner glass* on page 22.)
OCR does not work.	Try increasing the scanner resolution. (Macintosh users) Presto! PageManager must be downloaded and installed before use. See *Accessing Brother Support (Macintosh)* on page 3 for further instructions.

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Software Difficulties

Difficulty	Suggestions
Cannot install software or print.	(Windows® users only) Run the **Repair MFL-Pro Suite** program on the Installation 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.
Cannot print images from FaceFilter Studio.	To use FaceFilter Studio, you must install the FaceFilter Studio application from the Installation CD-ROM supplied with your machine. To install FaceFilter Studio see the *Quick Setup Guide*. Also, before you start FaceFilter Studio for the first time, you must make sure your Brother machine is turned On and connected to your computer. This will allow you to access all the functions of FaceFilter Studio.

PhotoCapture Center™ Difficulties

Difficulty	Suggestions

Removable Disk does not work correctly.	1 Have you installed the Windows® 2000 update? If not, do the following:
	
	  1) Unplug the USB cable.
	
	  2) Install the Windows® 2000 update using one of the following methods.
	    ■ Install MFL-Pro Suite from the Installation CD-ROM. (See the *Quick Setup Guide*.)
	    ■ Download the latest service pack from the Microsoft web site.
	
	  3) Wait about 1 minute after you restart the PC, and then connect the USB cable.
	
	2 Take out the memory card or USB Flash memory drive and put it back in again.
	
	3 If you have tried "Eject" from within Windows®, take out the memory card or USB Flash memory drive before you continue.
	
	4 If an error message appears when you try to eject the memory card or USB Flash memory drive, 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 that you have correctly inserted the memory card or USB Flash memory drive.
Part of my photo is missing when printed.	Make sure that Borderless printing and Cropping are turned off. (See *Borderless printing* and *Cropping* in *chapter 8* in the *Advanced User's Guide*.)

Network Difficulties

Difficulty	Suggestions
Cannot print over the network.	Make sure that your machine is powered on and is online and in Ready mode. Print a Network Configuration list (see *Reports* in *chapter 6* in the *Advanced User's Guide*.) 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 `LAN Active` for 2 seconds. (If you are having Network problems, see the *Network User's Guide* for more information.)
The network scanning feature does not work.	(Windows® users) It is necessary to configure third-party Security/Firewall Software to allow Network scanning. To add port 54925 for Network scanning, enter the information below: In Name: Enter any description, for example Brother NetScan. In Port number: Enter 54925. In Protocol: UDP is selected. Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer. (Macintosh users) Re-select your machine in the **Device Selector** application located in **Macintosh HD**/**Library**/**Printers**/**Brother**/**Utilities**/**DeviceSelector** or from the model list in ControlCenter2.
The network PC-Fax Receive feature does not work.	(Windows® users only) It is necessary to set the third-party Security/Firewall Software to allow PC-FAX Rx. To add port 54926 for Network PC-FAX Rx, enter the information below: In Name: Enter any description, for example Brother PC-FAX Rx. In Port number: Enter 54926. In Protocol: UDP is selected. Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.

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Network Difficulties (continued)

Difficulty	Suggestions
The Brother software cannot be installed.	(Windows® users)
	Allow network access to the following programs if your security software displays an alert message during MFL-Pro Suite installation.
	BrC3Rgin.exe
	BrnIPMon
	Brother Status Monitor (Network)
	ControlCenter Program
	Generic Host Process f...
	Setup.exe
	Spooler SubSystem App
	wdsw MFC Application
	(Macintosh users)
	Re-select your machine in the **Device Selector** application located in **Macintosh HD**/**Library**/**Printers**/**Brother**/**Utilities**/**DeviceSelector** or from the model list in ControlCenter2.
Cannot connect to wireless network.	Investigate the problem using the `WLAN Report`. Press **Menu** key, choose `Print Reports` and then press **OK**. Choose `WLAN Report`. For details, see the *Network User's Guide*.
Reset the network settings.	Press **Menu** key, choose `Network` and then press **OK**. Choose `Network Reset`. For details, see the *Network User's Guide*.

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.

4. Press ◄ or ► to choose Detection or
   No Detection.
   Press **OK**.

5. Press **Stop/Exit**.

Telephone line interference / VoIP

If you are having problems sending or receiving a fax due to possible interference on the telephone line, you can change the compatibility setting, which reduces the modem speed to minimise errors.

1. Press **Menu**.

2. Press ▲ or ▼ to choose
   Initial Setup.
   Press **OK**.

3. Press ▲ or ▼ to choose
   Compatibility.

4. Press ◄ or ► to choose High, Normal or
   Basic(for VoIP).

   ■ Basic(for VoIP) cuts the modem speed to 9,600 bps and turns off ECM except for colour fax sending. Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed.

   To improve compatibility with most VoIP services, Brother recommends changing the compatibility setting to Basic(for VoIP).

   ■ Normal sets the modem speed at 14,400 bps.

   ■ High increases the modem speed to 33,600 bps. (factory setting)

   Press **OK**.

5. Press **Stop/Exit**.

Note

- VoIP (Voice over IP) is a type of phone system that uses an internet connection, rather than a traditional phone line.

- Brother does not recommend the use of a VoIP line. VoIP limitations in general can cause some functions of the fax machine not to work correctly.

B

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**.

Reset functions

The following reset functions are available:

1. `Network`

   You can reset the print server back to its default factory settings such as the password and IP address information.

2. `Speed Dial&Fax`

   Speed Dial & Fax resets the following settings:

   ■ Speed Dial

      (Speed-Dial and Setup Groups)

   ■ Programmed fax jobs in the memory

      (Polled Transmit, Delayed Fax and Delayed Batch Transmission)

   ■ Station ID

      (Name and Number)

   ■ Remote Fax Options

      (Fax Forwarding)

   ■ Report settings

      (Transmission Verification Report, Quick Dial List and Fax Journal)

   ■ History

      (Caller ID history and Outgoing Call)

   ■ Faxes in memory

3. `All Settings`

   You can reset all the machine settings back to the settings that were set at the factory.

   Brother strongly recommends you use this operation when you dispose of the machine.

Note

Unplug the interface cable before you choose `Network` or `All Settings`.

How to reset the machine

1. Press **Menu**.

2. Press ▲ or ▼ to choose
   `Initial Setup.`
   Press **OK**.

3. Press ▲ or ▼ to choose `Reset.`
   Press **OK**.

4. Press ▲ or ▼ to choose the type of reset you want to use.
   Press **OK**.
   Press **1** to confirm.

5. Press **1** to reboot the machine.

C

Menu and features

On-screen programming

Your machine is designed to be easy to operate 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.

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 (⌴Menu)

Level1	Level2	Level3	Options	Descriptions	Page
Ink Management	Test Print	—	Print Quality Alignment	Lets you check the print quality or alignment.	61
	Cleaning	—	Black Color All	Lets you clean the print head.	60
	Ink Volume	—	—	Lets you check the available ink volume.	See [1].
General Setup	Mode Timer	—	Off 0Sec 30Secs 1Min **2Mins*** 5Mins	Sets the time to return to Fax mode.	
	Paper Type	—	**Plain Paper*** Inkjet Paper Brother BP71 Brother BP61 Other Glossy Transparency	Sets the type of paper in the paper tray.	17
	Paper Size	—	**A4*** A5 10x15cm Letter Legal	Sets the size of the paper in the paper tray.	17
[1] See *Advanced User's Guide*.					
✎ The factory settings are shown in Bold with an asterisk.					

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Level1	Level2	Level3	Options	Descriptions	Page
General Setup (Continued)	**Volume**	**Ring**	Off Low **Med*** High	Adjusts the ring volume.	7
		Beeper	Off **Low*** Med High	Adjusts the volume level of the beeper.	7
		Speaker	Off Low **Med*** High	Adjusts the volume level of the speaker.	8
	Daylight Save	—	**On*** Off	Changes for Daylight Savings Time manually.	See [1].
	LCD Settings	**Backlight**	**Light*** Med Dark	You can adjust the brightness of the LCD backlight.	8
		Dim Timer	Off 10Secs 20Secs **30Secs***	You can set how long the LCD backlight stays on for after the last key press.	See [1].
		Wallpaper	**1*** 2 3 4	You can choose the wallpaper of the LCD.	
	Sleep Mode	—	1Min 2Mins 3Mins **5Mins*** 10Mins 30Mins 60Mins	You can choose how long the machine will remain idle before it goes into sleep mode.	
	[1] See *Advanced User's Guide*.				
	✎ The factory settings are shown in Bold with an asterisk.				

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Level1	Level2	Level3	Options	Descriptions	Page
Fax	**Setup Receive**	**Ring Delay**	02-10 (**02***) (Example for Australia.)	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	29
		F/T Ring Time	20Secs **30Secs*** 40Secs 70Secs (For New Zealand) 20Secs **30Secs*** 40Secs 55Secs	Sets the fast double-ring time in Fax/Tel mode.	29
		Fax Detect	**On*** Off	Receives fax messages automatically when you answer a call and hear fax tone.	30
		Remote Codes	**On*** (*51, #51) (*91, #91 for New Zealand) Off	Allows you to answer all calls at an extension or external telephone and use codes to turn the machine on or off. You can personalize these codes.	41
		Auto Reduction	**On*** Off	Cuts the size of incoming faxes to fit the paper size.	See [1].
		Memory Receive	**Off*** Fax Forward Fax Storage PC Fax Receive	You can set the machine to either forward fax messages, store incoming faxes in the memory (so you can retrieve them while you are away from your machine), or send faxes to your PC. If you choose Fax Forward or PC-Fax Receive, you can turn on the safety feature Backup Print.	
[1] See *Advanced User's Guide*.					
📝 The factory settings are shown in Bold with an asterisk.					

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	**Report Setting**	**Transmission**	On On+Image **Off*** Off+Image	Initial setup for Transmission Verification Report and Fax Journal Report.	26
		Journal Period	Off **Every 50 Faxes*** Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days		See [1].
	Print Document	—	—	Prints incoming faxes stored in the memory.	
	Remote Access	—	---✳	Set your own code for Remote Retrieval.	
	Remaining Jobs	—	—	Check which jobs are in the memory and lets you cancel chosen jobs.	
	Miscellaneous	**TX Lock**	—	Prohibits most functions except receiving faxes.	
		Distinctive (Not available in New Zealand)	On **Off***	Use with phone company distinctive ringing service allows you to have a voice number and fax number on the one phone line.	31 37
		Faxability (For New Zealand only)	On **Off***	If you have FaxAbility from Telecom, you can use this function to store the ringing pattern of your fax number. And if you set in to On, you should use the registered number only.	34
		Call Waiting (For New Zealand only)	On **Off***	If you have Call Waiting as well as FaxAbility, set the Call Waiting to On.	34
[1]	See *Advanced User's Guide*.				
📝	The factory settings are shown in Bold with an asterisk.				

C

Network menu

Level1	Level2	Level3	Level4	Options	Descriptions
Network	Wired LAN	TCP/IP	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.
			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	BRNXXXXXXXXXXXX	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.
	See *Network User's Guide*.				
	The factory settings are shown in Bold with an asterisk.				

Level1	Level2	Level3	Level4	Options	Descriptions
Network (Continued)	Wired LAN (Continued)	Ethernet	—	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.
		MAC Address	—	—	You can see your machine's MAC address from the control panel.
	WLAN	TCP/IP	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.
			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	BRWXXXXXXXXXXXX	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.
	See *Network User's Guide*.				
	📝	The factory settings are shown in Bold with an asterisk.			

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Level1	Level2	Level3	Level4	Options	Descriptions
Network (Continued)	**WLAN** (Continued)	**TCP/IP** (Continued)	**APIPA**	**On*** Off	Automatically allocates the IP address from the link-local address range.
		Setup Wizard	—	—	You can manually configure your print server for a wireless network.
		WPS/AOSS	—	—	You can easily configure your wireless network settings using the one-button push method.
		WPS w/PIN Code	—	—	You can easily configure your wireless network settings using WPS with a PIN code.
		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.
		MAC Address	—	—	You can see your machine's MAC address from the control panel.
	Network I/F	—	**Wired LAN*** WLAN	—	You can choose the network connection type.
	Network Reset	—	—	—	—
	See *Network User's Guide*.				
✎	The factory settings are shown in Bold with an asterisk.				

Menu (^{Menu}) (continued)

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	**XMIT Verify**	—	—	Prints these lists and reports.	26
	Help List	—	—		See [1].
	Quick Dial	—	Alphabetic Order Numeric Order		
	Fax Journal	—	—		
	User Settings	—	—		
	Network Config	—	—		
	WLAN Report	—	—		
	Caller ID hist.	—	—		
Machine Info.	**Serial No.**	—	—	Lets you check the serial number of your machine.	82
Initial Setup	**Receive Mode**	—	**Fax Only*** Fax/Tel External TAD Manual	Choose the receive mode that best suits your needs.	27
	Date&Time	—	—	Puts the date and time on the LCD and in headings of faxes you send.	See [2].
	Station ID	—	Fax: Name:	Set your name and fax number to appear on each page you fax.	
	Tone/Pulse (Not available in New Zealand)	—	**Tone*** Pulse	Choose the dialling mode.	31
	Dial Tone	—	Detection **No Detection***	Turns Dial Tone Detection on or off.	81
	Compatibility	—	**High*** Normal Basic(for VoIP)	Adjusts the modem speed to help resolve transmission problems.	81
	[1] See *Advanced User's Guide*.				
	[2] See *Quick Setup Guide*.				
	The factory settings are shown in Bold with an asterisk.				

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Level1	Level2	Level3	Options	Descriptions	Page
Initial Setup (Continued)	**Reset**	**Network**	—	Resets the print server back to its factory default settings, such as the password and IP address information.	82
		Speed Dial&Fax	—	Deletes all stored Speed Dial numbers and faxes, restores the Station ID, Quick Dial List, Transmission Verification Report and Fax Journal back to the factory default settings.	
		All Settings	—	Resets all the machine's settings back to the settings that were set at the factory.	
	Local Language (Not available in Australia and New Zealand)	—	**English*** Spanish	Always you to change the LCD language for your country.	—

[1] See *Advanced User's Guide*.

[2] See *Quick Setup Guide*.

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.	See [1].
Contrast	—	—	**Auto*** Light Dark	Changes the lightness or darkness of faxes you send.	
Speed Dial	**Search**	—	Alphabetic Order Numeric Order	You can dial by pressing only a few keys (and **Start**).	42
	Set Speed Dial	—	—	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and **Start**).	45
	Setup Groups	—	—	You can set up Group numbers for Broadcasting.	See [1].
Outgoing Call	**Send a fax** **Add SpeedDial** **Delete**	—	—	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	43
Caller ID hist.	**Send a fax** **Add SpeedDial** **Delete**	—	—	You can choose a number from the Caller ID history and then send a fax to it, add it to Speed Dial, or delete it.	44
Broadcasting	**Add Number** **Speed Dial** **Complete**	—	—	You can send the same fax message to more than one fax number.	See [1].
Delayed Fax	—	—	On **Off***	Sets the time of day in 24-hour format that the delayed faxes will be sent.	
Batch TX	—	—	On **Off***	Combines delayed faxes to the same fax number at the same time of day into one transmission.	
[1] See *Advanced User's Guide*.					
The factory settings are shown in Bold with an asterisk.					

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Level1	Level2	Level3	Options	Descriptions	Page
Real Time TX	—	—	On **Off***	You can send a fax without using the memory.	See [1].
Polled TX	—	—	Standard Secure **Off***	Sets up the document on your machine to be retrieved by another fax machine.	
Polling RX	—	—	Standard Secure Timer **Off***	Sets up your machine to poll another fax machine.	
Overseas Mode	—	—	On **Off***	If you are having difficulty sending faxes overseas, set this to On.	
Glass ScanSize	—	—	**A4*** Letter	Adjust the scan area of the scanner glass to the size of the document.	25
Set New Default	—	—	—	You can save your fax settings.	See [1].
Factory Reset	—	—	—	You can restore all settings to the factory settings.	
[1] See *Advanced User's Guide*.					
✎ The factory settings are shown in Bold with an asterisk.					

SCAN ( )

Level1	Option1	Option2	Option3	Descriptions	Page
Scan to File	—	—	—	You can scan a monochrome or a colour document into your computer.	See [1].
Scan to Media (when a memory card or USB Flash memory drive is inserted)	Quality	—	Color 150* Color 300 Color 600 B/W 200x100 B/W 200	You can choose the scan resolution, file format, and enter a file name for your document.	53
	File Type	—	(If you chose colour option in Quality setting) PDF* JPEG (If you chose Mono option in Quality setting) PDF* TIFF		
	File Name	—	—		
	Auto Crop	—	On Off*	Scan multiple documents placed on the scanner glass to a memory card or USB Flash memory drive one at a time.	See [2].
	Set New Default	—	—	You can save your scan settings.	
	Factory Reset	—	—	You can restore all settings to the factory settings.	
Scan to E-mail	—	—	—	You can scan a monochrome or a colour document into your E-mail application.	See [1].
Scan to OCR [3]	—	—	—	You can have your text document converted to an editable text file.	
Scan to Image	—	—	—	You can scan a colour picture into your graphics application.	

[1] See *Software User's Guide*.

[2] See *Advanced User's Guide*.

[3] (Macintosh users)
Presto! PageManager must be downloaded and installed before use. See *Accessing Brother Support (Macintosh)* on page 3 for further instructions.

The factory settings are shown in Bold with an asterisk.

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COPY (📋)

Level1	Level2	Level3	Options	Descriptions	Page
Quality	—	—	Fast **Normal*** Best	Choose the Copy resolution for the next copy.	See [1].
Enlarge/Reduce	**100%***	—	—	—	
	Enlarge	—	142% A5→A4 186% 10x15cm→LTR 198% 10x15cm→A4	You can choose the enlargement ratio for the next copy.	
	Reduce	—	47% A4→10x15cm 69% A4→A5 83% LGL→A4 93% A4→LTR 97% LTR→A4	You can choose the reduction ratio for the next copy.	
	Fit to Page	—	—	Your machine will adjust the size automatically to the paper size you set.	
	Custom(25-400%)	—	—	You can choose the enlargement or reduction ratio for your type of document.	
Paper Type	—	—	**Plain Paper*** Inkjet Paper Brother BP71 Brother BP61 Other Glossy Transparency	Choose the paper type that matches the paper in the tray.	48
Paper Size	—	—	**A4*** A5 10x15cm Letter Legal	Choose the paper size that matches the paper in the tray.	48
Density	—	—	▢▢▢▢■ ▢▢▢■▢ ▢▢■▢▢ * ▢■▢▢▢ ▢▢▢▢▢	Adjusts the density of copies.	See [1].
Ink Save Mode	—	—	On **Off***	You can save ink.	
[1]	See *Advanced User's Guide*.				
📝	The factory settings are shown in Bold with an asterisk.				

Level1	Level2	Level3	Options	Descriptions	Page
Stack/Sort	—	—	**Stack*** Sort	You can choose to stack or sort multiple copies.	See [1].
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.	
Book Copy	On	—	—	Corrects dark borders and skew when copying from the scanner glass.	
	On(Preview)	Skew Adjustment	—		
		Shadow Revise	—		
	Off*	—	—		
Watermark Copy	**Watermark Copy**	—	On **Off*** (If you choose On, see the watermark copy settings in the following table.)	You can place a logo or text into your document as a Watermark.	
	Current Setting	—	—		
	Exit	—	—		
Set New Default	—	—	—	You can save your copy settings.	
Factory Reset	—	—	—	You can restore all settings to the factory settings.	
[1] See *Advanced User's Guide*.					
The factory settings are shown in Bold with an asterisk.					

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Watermark Copy Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Template	**Text**	—	**CONFIDENTIAL*** DRAFT COPY	Uses a template to place text into your document as a Watermark.	See [1].
	Position		A B C D **E*** F G H I Pattern		
	Size		Small **Medium*** Large		
	Angle		–90° **–45°*** 0° 45° 90°		
	Transparency		–2 –1 **0*** +1 +2		
	Colour		Red Orange Yellow Blue Green Purple **Black***		
	Apply		—		

[1] See *Advanced User's Guide*.

The factory settings are shown in Bold with an asterisk.

Option1	Option2	Option3	Option4	Descriptions	Page
Media	(Select image from media)	**Position**	A B C D **E*** F G H I Pattern	Places a logo or text into your document as a Watermark using an image from removable media.	See [1].
		Size	Small **Medium*** Large		
		Angle	−90° **−45°*** 0° 45° 90°		
		Transparency	−2 −1 **0*** +1 +2		
		Apply	—		
Scan	(Set watermark document and press **Start**.)	**Transparency**	−2 −1 **0*** +1 +2	You can place a logo or text into your document as a Watermark by scanning a paper document.	
		Apply	—		
[1] See *Advanced User's Guide*.					
The factory settings are shown in Bold with an asterisk.					

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PHOTO CAPTURE (📷)

Level1	Level2	Level3	Options	Descriptions	Page
View Photo(s)	—	—	See the print settings in the following table.	You can preview your photos on the LCD.	52
Print Index	**Layout Format**	—	**6 Images/Line*** 5 Images/Line	You can print a thumbnail page.	See [1].
	Paper Type		**Plain Paper*** Inkjet Paper Brother BP71 Brother BP61 Other Glossy		
	Paper Size		**A4*** Letter		
Print Photos	—	—	See the print settings in the following table.	You can print an individual image.	
Enhance Photos	**Auto Correct** **Enhance Skin** **Enhance Scenery** **Remove Red-Eye** **Monochrome** **Sepia**	—		You can adjust your photos with these settings.	
Search by Date	—	—		You can search your photos in date order.	
Print All Photos	—	—		You can print all photos in your memory card or USB Flash memory drive.	
Slide Show	—	—		The machine starts a Slide Show of your photos.	
Trimming	—	—		You can trim your photo and print a part of the image.	
	[1] See *Advanced User's Guide*.				
🖉	The factory settings are shown in Bold with an asterisk.				

Print Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Print Quality (Not available for DPOF printing.)	Normal **Photo***	—	—	Choose the print quality.	See [1].
Paper Type	Plain Paper Inkjet Paper Brother BP71 Brother BP61 **Other Glossy***	—	—	Choose the paper type.	
Paper Size	**10x15cm*** 13x18cm A4 Letter	(When A4 or Letter is chosen) 8 x 10cm 9 x 13cm 10 x 15cm 13 x 18cm 15 x 20cm **Max. Size***	—	Choose the paper and print size.	
Brightness (Not available when Enhance Photos is chosen.)	*****	—	—	Adjusts the brightness.	
Contrast (Not available when Enhance Photos is chosen.)	*****	—	—	Adjusts the contrast.	
[1] See *Advanced User's Guide*.					
The factory settings are shown in Bold with an asterisk.					

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Option1	Option2	Option3	Option4	Descriptions	Page
Color Enhance (Not available when Enhance Photos is chosen.)	On **Off***	White Balance	+2 +1 0 -1 -2	Adjusts the hue of the white areas.	See [1].
		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.	
Borderless	**On*** Off	—	—	Expands the printable area to fit the edges of the paper.	
Date Print (Not available for DPOF printing.)	On **Off***	—	—	Prints the date on your photo.	
Set New Default	—	—	—	You can save your print settings.	
Factory Reset	—	—	—	You can restore all the settings to factory settings.	
[1] See *Advanced User's Guide*.					
✎ The factory settings are shown in Bold with an asterisk.					

Speed Dial ( )

Level1	Level2	Level3	Options	Descriptions	Page
Search	—	—	Alphabetic Order Numeric Order	You can search for names you have stored in the Speed Dial memory.	42
Set Speed Dial	—	—	—	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and **Start**).	45
Setup Groups	—	—	—	Sets up Group numbers for Broadcasting.	See [1].
[1] See *Advanced User's Guide*.					
	The factory settings are shown in Bold with an asterisk.				

Redial/Pause (Redial/Pause)

Level1	Level2	Level3	Options	Descriptions	Page
Outgoing Call	**Send a fax** **Add SpeedDial** **Delete**	—	—	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	43
Caller ID hist.	**Send a fax** **Add SpeedDial** **Delete**	—	—	You can choose a number from the Caller ID history and then send a fax to it, add it to Speed Dial, or delete it.	44
	The factory settings are shown in Bold with an asterisk.				

C

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.

Press the appropriate dial pad key the number of times shown in this reference table to access the character you want.

Press Key	one time	two times	three times	four times	five times
2	A	B	C	2	A
3	D	E	F	3	D
4	G	H	I	4	G
5	J	K	L	5	J
6	M	N	O	6	M
7	P	Q	R	S	7
8	T	U	V	8	T
9	W	X	Y	Z	9

Inserting 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**. 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

D Specifications

General

Printer Type	Inkjet	
Print Method	Mono:	Piezo with 94 × 1 nozzle
	Colour:	Piezo with 94 × 3 nozzles
Memory Capacity	40 MB	
LCD (Liquid Crystal Display)	Wide 3.3 in. (82.79 mm) TFT Colour LCD	
Power Source	AC 220 to 240 V 50/60Hz	
Power Consumption [1]	Copying Mode:	Approx. 19.5 W [2]
	Standby Mode:	Approx. 6 W
	Sleep Mode:	Approx. 3.5 W
	Off:	Approx. 0.5 W
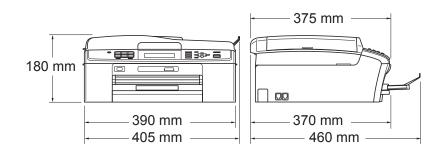
Dimension

Weight		8 kg
Noise	Operating:	50 dB or less [3]
Temperature	Operating:	10 to 35 °C
	Best Print Quality:	20 to 33 °C
Humidity	Operating:	20 to 80% (without condensation)
	Best Print Quality:	20 to 80% (without condensation)

D

ADF (automatic document feeder)	Up to 15 pages
	Paper: 80 gsm A4 or Letter size
Document Size	ADF Width: 148 mm to 215.9 mm
	ADF Length: 148 mm to 355.6 mm
	Scanner Glass Width: Max. 215.9 mm
	Scanner Glass Length: Max. 297 mm

[1]   When all the modes are connected to USB.

[2]   When using ADF, resolution: standard, draft: ISO/IEC24712 printed pattern.

[3]   Noise depends on printing conditions.

Print media

Paper Input	**Paper Tray**
	■ Paper type:
	Plain paper, inkjet paper (coated paper), glossy paper [1], transparency [1] [2] and envelopes
	■ Paper size:
	A4, Legal, Executive, Letter, A5, A6, JIS B5, Envelopes (commercial No.10, DL, C5, Monarch, JE4), Photo 10 × 15 cm, Photo 2L (13 × 18 cm), Index Card and Postcard [3]
	Width: 98 mm - 215.9 mm
	Length: 148 mm - 355.6 mm
	For more details, see *Paper weight, thickness and capacity* on page 21.
	■ Maximum paper tray capacity:
	Approx. 100 sheets of 80 gsm plain paper
	Photo Paper Tray
	■ Paper type:
	Plain paper, inkjet paper (coated paper) and glossy paper [1]
	■ Paper size:
	Photo 10 × 15 cm and Photo L 89 × 127 mm
	Width: 89 mm - 102 mm
	Length: 127 mm - 152 mm
	■ Maximum paper tray capacity:
	Approx. 20 sheets
Paper Output	Up to 50 sheets of A4 plain paper (face up print delivery to the output paper tray) [1]

[1] For glossy paper or transparencies, remove printed pages from the output paper tray immediately after they exit the machine to avoid smudging.

[2] Use only transparencies recommended for inkjet printing.

[3] See *Paper type and size for each operation* on page 20.

D

Fax

Compatibility	ITU-T Super Group 3
Modem Speed	Automatic Fallback
	33,600 bps
Scanning Width	ADF: 208 mm (A4)
	Scanner Glass: 204 mm (A4)
Printing Width	208 mm
Greyscale	Levels: 64 (B&W)/256 (Colour)
Resolution	■ Horizontal 8 dot/mm
	■ Vertical
	Standard
	3.85 line/mm (Mono)
	7.7 line/mm (Colour)
	Fine
	7.7 line/mm (Mono/Colour)
	Photo
	7.7 line/mm (Mono)
	Superfine
	15.4 line/mm (Mono)
Speed Dial	100 stations × 2 numbers
Groups	Up to 6
Broadcasting	250 stations
Automatic Redial	3 times at 5 minute intervals
Memory Transmission	Up to 400 [1] pages
Out of Paper Reception	Up to 400 [1] pages

[1] "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.

Copy

Colour/Monochrome	Yes/Yes
Copy Width	Max. 210 mm
Multiple Copies	Stacks/Sorts up to 99 pages
Enlarge/Reduce	25% to 400% (in increments of 1%)
Copy Speed	Monochrome: Up to 23 pages/minute (A4 paper) [1]
	Colour: Up to 20 pages/minute (A4 paper) [1]
Resolution	(Mono)
	■ Prints up to 1200 × 1200 dpi
	(Colour)
	■ 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.

D

PhotoCapture Center™

Compatible Media [1]	Memory Stick™ (16 MB - 128 MB)
	Memory Stick PRO™ (256 MB - 16 GB)
	Memory Stick Duo™ (16 MB - 128 MB)
	Memory Stick PRO Duo™ (256 MB - 16 GB)
	Memory Stick Micro™ (M2™) with adapter
	SD (16 MB to 2 GB)
	SDHC (4 GB to 16 GB)
	microSD with adapter
	miniSD with adapter
	USB Flash memory drive [2]
Resolution	Up to 1200 × 2400 dpi
File Extension	
(Media Format)	DPOF (ver. 1.0, ver. 1.1), Exif DCF (up to ver. 2.1)
(Image Format)	Photo Print: JPEG [3], AVI [4], MOV [4]
	Scan to Media: JPEG, PDF (Colour)
	TIFF, PDF (Monochrome)
Number of Files	Up to 999 files
	(The folder inside memory cards or USB Flash memory drive is also counted.)
Folder	File must be stored in the 4th folder level of the memory card or USB Flash memory drive.
Borderless	A4, Letter, Photo 10 × 15 cm, Photo 2L 13 × 18 cm [5]

[1] Memory cards, adapters and USB Flash memory drive are not included.

[2] USB 2.0 Standard
USB Mass Storage standard from 16 MB to 32 GB
Support format: FAT12/FAT16/FAT32

[3] Progressive JPEG format is not supported.

[4] Motion JPEG only

[5] See *Paper type and size for each operation* on page 20.

PictBridge

Compatibility	Supports the Camera & Imaging Products Association PictBridge standard CIPA DC-001.
	Visit http://www.cipa.jp/pictbridge for more information.
Interface	USB direct interface

D

Scanner

Colour/Monochrome	Yes/Yes
TWAIN Compliant	Yes (Windows® 2000 Professional/Windows® XP/ Windows® XP Professional x64 Edition/Windows Vista®/ Windows® 7)
	Mac OS X 10.4.11 - 10.5.x - 10.6.x [1]
WIA Compliant	Yes (Windows® XP [2]/Windows Vista®/Windows® 7)
ICA Compliant	Yes (Mac OS X 10.6.x)
Colour Depth	36 bit colour Processing (Input)
	24 bit colour Processing (Output)
	(Actual Input: 30 bit colour/Actual Output: 24 bit colour)
Resolution	Up to 19200 × 19200 dpi (interpolated) [3]
	Up to 1200 × 2400 dpi (optical) (Scanner Glass)
	Up to 1200 × 600 dpi (optical) (ADF)
Scanning Speed	Monochrome: up to 3.44 sec.
	Colour: up to 4.83 sec.
	(A4 size at 100 × 100 dpi)
Scanning Width	Up to 210 mm
Scanning Length	Up to 291 mm
Greyscale	256 levels

[1] For the latest driver updates for the Mac OS X you are using, visit us at http://solutions.brother.com/

[2] Windows® XP in this User's Guide includes Windows® XP Home Edition, Windows® XP Professional, and Windows® XP Professional x64 Edition.

[3] Maximum 1200 × 1200 dpi scanning when using the WIA Driver for Windows® XP, Windows Vista® and Windows® 7 (resolution up to 19200 × 19200 dpi can be selected by using the Brother scanner utility).

Printer

Resolution	Up to 1200 × 6000 dpi
Printing Width	204 mm [210 mm (borderless) [1]] [3]
Borderless	A4, Letter, A6, Photo 10 × 15 cm, Index Card 127 × 203 mm, Photo L 89 × 127 mm, Photo 2L 13 × 18 cm, Postcard 1 100 × 148 mm [2]

[1]   When the Borderless feature is set to On.

[2]   See *Paper type and size for each operation* on page 20.

[3]   When printing on A4 size paper.

Interfaces

USB [1] [2]	A USB 2.0 interface cable that is no longer than 2 m.
LAN cable [3]	Ethernet UTP cable category 5 or greater.
Wireless LAN	IEEE 802.11b/g (Infrastructure/Ad-hoc Mode)

[1]   Your machine has a Hi-Speed USB 2.0 interface. The machine can also be connected to a computer that has a USB 1.1 interface.

[2]   Third party USB ports are not supported.

[3]   See the *Network User's Guide* for detailed network specifications.

Computer requirements

SUPPORTED OPERATING SYSTEMS AND SOFTWARE FUNCTIONS							
Computer Platform & Operating System Version		Supported PC Software Functions	PC Interface	Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install
							For Drivers	For Applications

Computer Platform & Operating System Version		Supported PC Software Functions	PC Interface	Processor Minimum Speed	Minimum RAM	Recommended RAM	For Drivers	For Applications
Windows® Operating System [1]	Windows® 2000 Professional [5]	Printing, PC Fax [4], Scanning, Removable Disk [6]	USB, 10/100 Base-TX (Ethernet), Wireless 802.11b/g	Intel® Pentium® II or equivalent	64 MB	256 MB	110 MB	340 MB
	Windows® XP Home [2][5] Windows® XP Professional [2][5]				128 MB		110 MB	340 MB
	Windows® XP Professional x64 Edition [2]			64-bit (Intel®64 or AMD64) supported CPU	256 MB	512 MB	110 MB	340 MB
	Windows Vista® [2]			Intel® Pentium® 4 or equivalent	512 MB	1 GB	600 MB	530 MB
	Windows® 7 [2]			64-bit (Intel®64 or AMD64) supported CPU	1 GB (32 bit) 2 GB (64 bit)	1 GB (32 bit) 2 GB (64 bit)	650 MB	530 MB
	Windows Server® 2003 (print only via network)	Printing	10/100 Base-TX (Ethernet), Wireless 802.11b/g	Intel® Pentium®III or equivalent	256 MB	512 MB	50 MB	N/A
	Windows Server® 2003 x64 Edition (print only via network)			64-bit (Intel®64 or AMD64) supported CPU				
	Windows Server® 2003 R2 (print only via network)			Intel® Pentium®III or equivalent				
	Windows Server® 2003 R2 x64 Edition (print only via network)			64-bit (Intel®64 or AMD64) supported CPU	512 MB	1 GB		
	Windows Server® 2008 (print only via network)			Intel® Pentium® 4 or equivalent 64-bit (Intel®64 or AMD64) supported CPU		2 GB		
	Windows Server® 2008 R2 (print only via network)			64-bit (Intel®64 or AMD64) supported CPU				
Macintosh Operating System	Mac OS X 10.4.11, 10.5.x	Printing, PC Fax Send [4], Scanning, Removable Disk [6]	USB [3] 10/100 Base-TX (Ethernet), Wireless 802.11b/g	PowerPC G4/G5 Intel® Core™ Processor	512 MB	1 GB	80 MB	400 MB
	Mac OS X 10.6.x			Intel® Core™ Processor	1 GB	2 GB		

Conditions:

[1]   Microsoft® Internet Explorer® 5.5 or greater.

[2]   For WIA, 1200 × 1200 resolution. Brother Scanner Utility enables to enhance up to 19200 × 19200 dpi.

[3]   Third party USB ports are not supported.

[4]   PC Fax supports black and white only.

[5]   PaperPort™ 11SE supports Microsoft® SP4 or higher for Windows® 2000 and SP2 or higher for XP.

[6]   Removable disk is a function of PhotoCapture Center™.

For the latest driver updates, visit us at http://solutions.brother.com/

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Consumable items

Ink	The machine uses individual Black, Cyan, Magenta, Yellow ink cartridges that are separate from the print head assembly.
Service Life of Ink Cartridge	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 printouts. This process will only happen once. After this process is complete the cartridges provided with your machine will have a lower yield than standard cartridges (65%). With all following ink cartridges you can print the specified number of pages.
Replacement Consumables	<Black> LC67BK, <Cyan> LC67C, <Magenta>LC67M, <Yellow> LC67Y
	Black - Approximately 450 pages [1]
	Yellow, Cyan and Magenta - Approximately 325 pages [1]
	[1] Approx. cartridge yield is declared in accordance with ISO/IEC 24711.
	For more information about the replacement consumables, visit us at http://www.brother.com/pageyield

What is Innobella™?

Innobella™ is a range of genuine consumables offered by Brother. The name "Innobella™" derives from the words "Innovation" and "Bella" (meaning "Beautiful" in Italian) and is a representation of the "innovative" technology providing you with "beautiful" and "long lasting" print results.

When you print photo images, Brother recommends Innobella™ glossy photo paper (BP71 series) for high quality. Brilliant prints are made easier with Innobella™ Ink and paper.

Network (LAN)

✎ Note ───────────────────────────────────

For details about the full Network specifications, see the *Network User's Guide*.
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LAN	You can connect your machine to a network for Network Printing, Network Scanning, PC Fax Send, PC Fax Receive (Windows® only), access photos from PhotoCapture Center™, and Remote Setup [1]. Also included is Brother BRAdmin Light [2] Network Management software.
Wireless Network Security	SSID (32 chr), WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
Setup Support Utility	**AOSS™** Yes
	WPS Yes

[1] See the Computer Requirements chart on page 115.

[2] If you require more advanced printer management, use the latest Brother BRAdmin Professional utility version that is available as a download from http://solutions.brother.com/

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For Australia Only:

Warranty & Repair - For details about warranty on your Brother Product, the details are listed on the following link: **www.brother.com.au** under Warranty. For warranty service (repair) of your Brother product you will need to retain a copy of your sales docket and contact the Support Centre for location of the nearest Authorised Warranty Centre (AWC)

Support - For technical support for your Brother Product other than what you can resolve through the User's Guide, please visit our website or our solutions website for FAQs/Troubleshooting, Drivers & Software, or contact the Product Support Centre for any technical or customer care/support enquiry.

Product Support Centre: Australia

Brother International (Aust) Pty Ltd

Phone: 02 8875 6000

Fax: 02 9870 7223

Email: **productsupport@brother.com.au**

Web Site: **www.brother.com.au**

Solutions Site: **http://solutions.brother.com**

Our Technical Support Consultants are available 5 days a week by phone during the hours of 8.30am to 5pm Monday to Friday.

For New Zealand Only:

To contact Brother International (NZ) Limited for support with a Brother product please use the following methods.

Phone:

Premium End User Assistance	0900 552 152
Auto Attendant Self Help	0800 652 152
Brother Recycle Assistance	0800 632 467
Fax Assistance	0800 837 822
Email Assistance	Please visit **www.brother.co.nz** and submit a helpdesk enquiry from Online Help
Web Assistance	Please visit **www.brother.co.nz** under Online Help for Frequently Asked Questions, Driver downloads, Warranty information and Service Centres

Our Technical Support Consultants are available 7 days a week by phone during the hours of 8.30am to 5pm Monday to Friday and 9am to 5pm Saturday and Sunday. Outside of these hours you can find assistance from our Auto Attendant Self Help and our Website **www.brother.co.nz** under Online Help.

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**Visit us on the World Wide Web
http://www.brother.com**

This machine is approved for use in the country of purchase only. Local Brother companies or their dealers will only support machines purchased in their own countries.