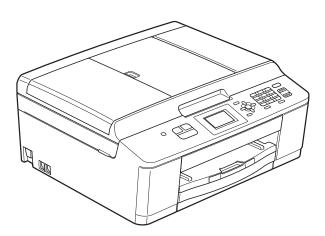


BASIC USER'S GUIDE



MFC-J430W MFC-J432W

Version A

ARL/ASA/NZ

If you need to call Customer Service
Please complete the following information for future reference:
Model Number: MFC-J430W and MFC-J432W (Circle your model number)
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?
Product Safety Guide	Read this Guide first. Please read the Safety Instructions before you set up your machine. See this Guide for trademarks and legal limitations.	Printed / In the box
Quick Setup Guide	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 and Scan 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 / CD-ROM
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning, PC-Fax Send, Web Services (Scan), and using the Brother ControlCenter utility.	PDF file / CD-ROM
Network Glossary	This Guide provides basic information about advanced network features of Brother machines along with explanations about general networking and common terms.	PDF file / CD-ROM
Network User's Guide	This Guide provides useful information about wireless network settings and security settings using the Brother machine. You can also find supported protocol information for your machine and detailed troubleshooting tips.	PDF file / CD-ROM
Mobile Print/Scan Guide	This Guide provides useful information about printing data from your mobile phone and transmitting scanned data from the Brother machine to your mobile phone.	PDF file / Brother Solutions Center ¹

¹ Visit us at <u>http://solutions.brother.com/</u>.

Table of Contents (BASIC USER'S GUIDE)

1

General information	1
Using the documentation	1
Symbols and conventions used in the documentation	
Accessing the Advanced User's Guide, Software User's Guide,	
Network User's Guide, and Network Glossary	2
Viewing Documentation	2
Accessing Brother Support (Windows [®])	4
Accessing Brother Support (Macintosh)	5
Control panel overview	6
LCD screen indications	8
Basic Operations	8
Volume Settings	
Ring Volume	
Beeper Volume	10
Speaker Volume	10
LCD display	10
Setting the backlight brightness	10

2 Loading paper

Loading paper and other print media	
Loading envelopes and postcards	
Printable area	
Paper settings	17
Paper Type	17
Paper Size	17
Acceptable paper and other print media	
Recommended print media	
Handling and using print media	
Choosing the right print media	

11

22

25

3 Loading documents

5	
How to load documents	22
Using the ADF	22
Using the scanner glass	
Unscannable area	

4 Sending a fax

How to send a fax	
Stop faxing	
Setting scanner glass size for faxing	
Colour fax transmission	
Cancelling a fax in progress	
Transmission Verification Report	

5 Receiving a fax

Receive Modes	
Choose the Receive Mode	
Using Receive Modes	
Fax Only	
Fax/Tel.	
Manual	
External TAD	
Receive Mode settings	
Ring Delay	
F/T Ring Time (Fax/Tel mode only)	
Fax Detect	

6 Telephone and external devices

Voice operations	
Tone or pulse (Not Available for New Zealand)	
Fax/Tel mode.	
Telephone Service for Australia	
Distinctive Ring	
Caller ID	
How Does the Caller ID Work?	
The Caller ID is Stored in Your Machine Memory	
Telephone Service for New Zealand	
FaxAbility	
Caller ID	
How Does the Caller ID Work?	
Telephone Service for Some Countries	
Distinctive Ring (For Singapore and Hong Kong)	
Caller ID (For Singapore and Hong Kong)	
Connecting an external TAD (telephone answering device)	
Connections settings	
Recording an outgoing message (OGM) on an external TAD	40
Multi-line connections (PABX)	40
External and extension telephones	
Connecting an external or extension telephone	40
Operation from external and extension telephones	41
Using a cordless external telephone	41
Using remote codes	41

28

32

7	Dialling and storing numbers	43
	How to dial	43
	Manual dialling	43
	Speed Dialling	43
	Search	43
	Fax Redial	
	Additional Dialling Operations	
	Outgoing Call history	
	Caller ID history	
	Storing numbers	
	Storing a pause	
	Storing Speed Dial numbers	
	Changing Speed Dial names or numbers	40
8	Making copies	48
	How to copy	
	Stop copying	
	Copy settings	
	Paper Options	49
9	How to print from a computer	50
9	How to print from a computer	
9	How to print from a computer Printing a document	
9 10		50 51
	Printing a document	50 51
	Printing a document	50 51 51
	Printing a document How to scan to a computer Scanning a document	
	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key	
	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver	
10	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver Scanning using the ControlCenter Routine maintenance	
10	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver Scanning using the ControlCenter Routine maintenance Replacing the ink cartridges	
10	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver Scanning using the ControlCenter Routine maintenance Replacing the ink cartridges Cleaning and checking the machine	
10	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver Scanning using the ControlCenter Routine maintenance Replacing the ink cartridges Cleaning and checking the machine Cleaning the scanner glass	
10	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver Scanning using the ControlCenter Routine maintenance Replacing the ink cartridges Cleaning and checking the machine Cleaning the scanner glass Cleaning the print head	
10	Printing a document How to scan to a computer Scanning a document Scanning using the SCAN key Scanning using a scanner driver Scanning using the ControlCenter Routine maintenance Replacing the ink cartridges Cleaning and checking the machine Cleaning the scanner glass	

B Troubleshooting

Error and Maintenance messages	59
Error animations display	
Transferring your faxes or Fax Journal report	
Document jam	65
Printer jam or paper jam	66
Troubleshooting	
If you are having difficulty with your machine	69
Dial Tone detection	
Telephone line interference / VoIP	76
Machine Information	
Checking the serial number	77
Reset functions	77
How to reset the machine	77

C Menu and features

78

On-screen programming	78
Menu table	
Entering Text	
Inserting spaces	
Making corrections	92
Repeating letters	92
Special characters and symbols	92

D Specifications

93

General Print media	
Fax	
Сору	
Scanner	
Printer	
Interfaces	
Computer requirements	
Consumable items	
Network (LAN)	

E Index

V

59

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 CD-ROM.

1 General setup

Memory storage Setting Daylight Saving Time Sleep Mode LCD display Mode Timer

2 Security features

TX Lock

3 Sending a fax

Additional sending options Additional sending operations

4 Receiving a fax

Additional receiving operations

5 Dialling and storing numbers

Additional dialling operations Additional ways to store numbers

6 Printing reports

Fax reports Reports

7 Making copies

Copy settings

A Routine maintenance

Cleaning and checking the machine Packing and shipping the machine

B Glossary

C Index

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 Text in the Courier New font New identifies messages on the LCD of the machine.

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

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

IMPORTANT

<u>IMPORTANT</u> indicates a potentially hazardous situation which, if not avoided, may result in damage to property 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 shocks.

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

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

Network User's Guide, and

Network Glossary that are on the CD-ROM.

Viewing Documentation

Viewing Documentation (Windows[®])

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

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

Turn on your PC. Insert the Brother CD-ROM into your CD-ROM drive.

🖉 Note

If the Brother screen does not appear automatically, go to

My Computer (Computer), double-click the CD-ROM icon, and then double-click start.exe.

2 If the model name screen appears, click your model name.

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





Click **Documentation**.

5 Click **PDF documents**. If the country screen appears, choose your country. After the list of User's Guides appears, choose the guide you want to read.

Viewing Documentation (Macintosh)

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



- 2 Double-click the **Documentation** icon.
- 3 Double-click your language folder.
- 4 Double-click **top.pdf**. If the country screen appears, choose your country.
- 5 After the list of User's Guides appears, choose the guide you want to read.

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

ScanSoft™ PaperPort™12SE with OCR How-to-Guides (Windows[®] users)

(Not available in Hong Kong and Taiwan)

■ The complete ScanSoft™ PaperPort™12SE with OCR How-to-Guides can be viewed from the Help section in the ScanSoft™ PaperPort™12SE application.

Presto! PageManager User's Guide (Windows[®] users) (Hong Kong and Taiwan users only)

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

Presto! PageManager User's Guide (Macintosh users)

🖉 Note

Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh)
> page 5 for further instructions.

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

How to find Network setup instructions

Your machine can be connected to a wireless network.

Basic setup instructions ➤ Quick Setup Guide

If your wireless access point or router supports Wi-Fi Protected Setup or AOSS™ ➤Quick Setup Guide

Network setup ➤➤Network User's Guide

Accessing Brother Support (Windows[®])

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

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

Macromedia Flash Player 8	■■ brother
Multi-Function Center	Top Menu S Brother Support Image: Stroker Home Page Image: Stroker Solutions Center Image: Supplies Information Image: Brother CreativeCenter
@ 2001-2011 Brother Industries, Ltd. All Rights Reserved.	Back Exit

- To access our website (<u>http://www.brother.com/</u>), click
 Brother Home Page.
- For the latest news and product support information (<u>http://solutions.brother.com/</u>), click
 Brother Solutions Center.
- To visit our website for original Brother Supplies (<u>http://www.brother.com/original/</u>), click Supplies Information.
- To access the Brother CreativeCenter (<u>http://www.brother.com/creativecenter/</u>) 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 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 Registration Page (<u>http://www.brother.com/registration/</u>), click **On-Line Registration**.
- For the latest news and product support information (<u>http://solutions.brother.com/</u>), click
 Brother Solutions Center.
- To visit our website for original Brother Supplies (<u>http://www.brother.com/original/</u>), click
 Supplies Information.

Chapter 1

Control panel overview

MFC-J430W and MFC-J432W have the same control panel keys.



1 Mode keys:

■ 📾 FAX

Lets you access the FAX mode.

SCAN 🖻

Lets you access the SCAN mode.

Lets you access the COPY mode.

2 Telephone keys:

Redial/Pause

Redials one of the last 30 numbers called. It also inserts a pause when dialling.

Hook

Press before dialling if you want to make sure a fax machine will answer, and then press **Mono Start** or **Colour Start**.

Also, press this key after picking up the handset of an external telephone during the F/T pseudo/double-ring.

3 Start keys:

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 scan setting in the ControlCenter software).

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 scan setting in the ControlCenter software).

4 Stop/Exit

Stops an operation or exits the menu.

5 Dial Pad

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



6 Menu keys:

Volume keys

 $\texttt{I}(\mathbf{A}) = \texttt{I}(\mathbf{A})$

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 \triangleleft or \triangleright to move the selected area left or right on the LCD.

■ ▲ or ▼

Press \blacktriangle or \lor 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 choose a setting.

7 LCD (Liquid Crystal Display)

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

8 ()

You can turn the machine on and off.

Press

to turn the machine on.

Press and hold down (1) 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 using the



button, 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.

🖉 Note

Most of the illustrations in this User's Guide show the MFC-J430W.

1

LCD screen indications

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



1 Wireless Status

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



2 Current Receive Mode

Lets you see the current Receive Mode.

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

🖉 Note

(For Australia, Singapore and Hong Kong) When the Distinctive Ring feature is turned on, the LCD shows D/R. For details, see *Distinctive Ring* ➤> page 32 and 37 for your relevant country. (For New Zealand) When the FaxAbility feature is turned on, the

LCD shows D/R. For details, see *FaxAbility* ▶▶ page 35.

3 Memory Status

Lets you see the available memory in the machine.

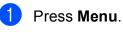
4 Ink indicator

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* **>** page 59.

Basic Operations

The following steps show how to change a setting in the machine. In this example the Receive Mode setting is changed from Fax Only to Fax/Tel.



Press ▲ or ▼ to choose

Initial Setup.



Press OK.



Press ▲ or ▼ to choose Receive Mode.



Press OK.

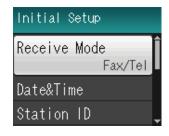


4 Press ▲ or ▼ to choose Fax/Tel.



Press OK.

You can see the current setting on the LCD:



5 Press Stop/Exit.

Volume Settings

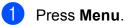
Ring Volume

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

While the machine is idle, press (1) < or > (1)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

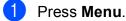


- Press ▲ or ▼ to choose
 - General Setup. Press OK.
- 3 Press ▲ or ▼ to choose Volume. Press OK.
- 4 Press ▲ or ▼ to choose Ring. Press OK.
- 5 Press ▲ or ▼ to choose Low, Med, High or Off. Press OK.
- Press Stop/Exit.

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 from a range of beeper volume levels, from High to Off.



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

Speaker Volume

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

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

LCD display

Setting the backlight brightness

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

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

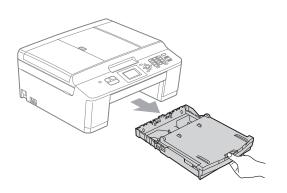
2

Loading paper

Loading paper and other print media

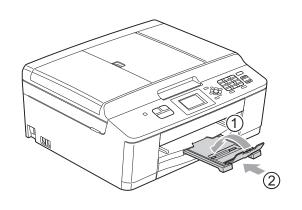
Load only one size of paper and one type of paper in the paper tray at any one time.

Pull the paper tray completely out of the machine.

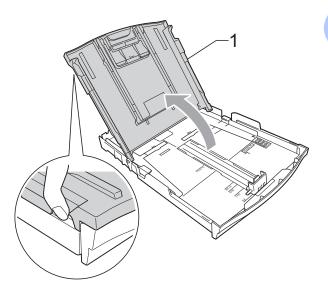


🖉 Note

If the paper support flap (1) is open, close it, and then close the paper support (2).



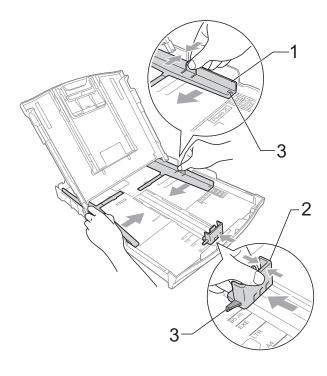
Lift the output paper tray cover (1).



3 w

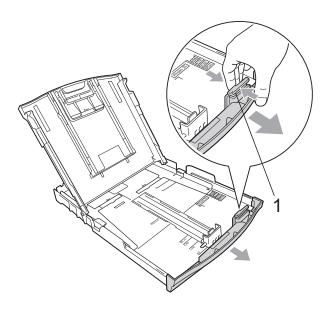
With both hands, gently press and slide the paper side guides (1) and then the paper length guide (2) to fit the paper size.

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.

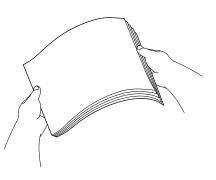


🖉 Note

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. (Only available for some countries.)



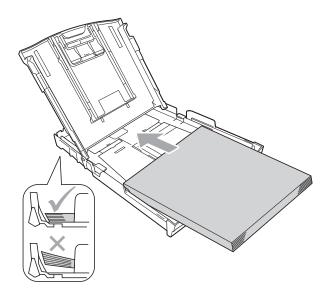
Fan the stack of paper well to avoid paper jams and misfeeds.



Note

Always make sure that the paper is not curled or wrinkled.

5 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.

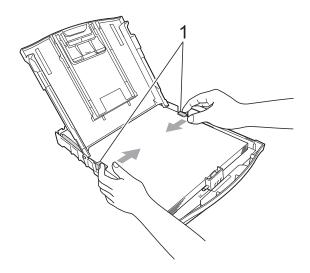


IMPORTANT

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

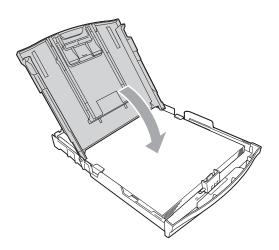


When there are only a few sheets of paper left in the paper tray, the machine may start to misfeed. Load at least 10 sheets of paper into the paper tray. 6 Gently adjust the paper side guides (1) to fit the paper using both hands. Make sure the paper side guides touch the sides of the paper.



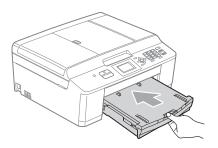


7 Close the output paper tray cover.

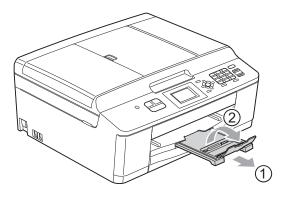


8

Slowly push the paper tray completely into the machine.



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



IMPORTANT

DO NOT use the paper support flap for Legal size paper. (Only available for some countries.)

Loading envelopes and postcards

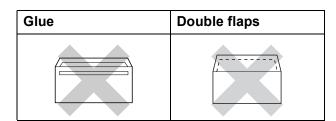
About envelopes

- 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 have windows.
- That are embossed (have raised writing on them).
- That have clasps or staples.
- That are pre-printed on the inside.



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

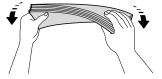
Loading envelopes and postcards

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

IMPORTANT

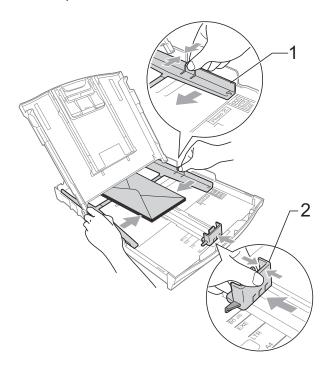
If envelopes or postcards are "doublefeeding", put one envelope or postcard in the paper tray at a time.





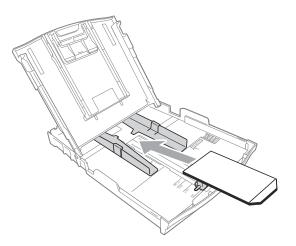


2 Put envelopes or postcards in the paper tray with the address side down and the leading edge (top of the envelopes) in first as shown in the illustration. Using both hands, gently press and slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or postcards.



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

- 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.



Select Reverse Print in the printer driver's dialog box and then adjust the size and margin in your application.
 ➤Software User's Guide: Printing (Windows[®])

Software User's Guide: *Printing and Faxing* (Macintosh)

Printable area

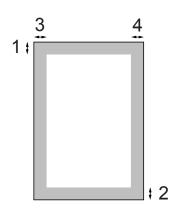
The printable area depends on the settings in the application you are using. The figures below show the unprintable areas on cut sheet paper and envelopes. The machine can print in the shaded areas of cut sheet paper when the Borderless print feature is available and turned on.

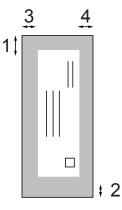
►>Software User's Guide: *Printing* (Windows[®])

>>Software User's Guide: Printing and Faxing (Macintosh)

Cut Sheet Paper

Envelopes





	Тор (1)	Bottom (2)	Left (3)	Right (4)
Cut Sheet	3 mm	3 mm	3 mm	3 mm
Envelopes	22 mm	22 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.



Press Menu.

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

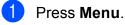
- 3 Press ▲ or ▼ to choose Paper Type. Press OK.
- 4 Press ▲ or ▼ to choose Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy or Transparency. Press OK.
- 5 Press Stop/Exit.

Note

The machine ejects the paper with the printed surfaces face up, onto the paper tray at the 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 ¹ and 10×15 cm and three sizes for printing faxes: A4, Letter and Legal ¹. 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.



Press ▲ or ▼ to choose

- General Setup. Press OK.
- Oress ▲ or ▼ to choose Paper Size. Press OK.
- Press ▲ or ▼ to choose A4, A5, 10x15cm, Letter or Legal ¹. Press OK.

Press Stop/Exit.

¹ Only available for some countries.

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 that is loaded in the tray.

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 ➤ 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 printing on to transparencies, load one extra sheet in the paper tray.
- 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

2

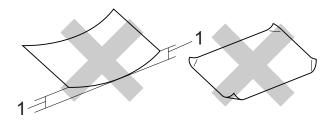
Handling and using print media

- 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.

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	Usage		
			Fax	Сору	Printer	
Cut Sheet	A4	210 × 297 mm (8.3 × 11.7 in.)	Yes	Yes	Yes	
	Letter	215.9 \times 279.4 mm (8 1/2 \times 11 in.)	Yes	Yes	Yes	
	Legal ¹	215.9 \times 355.6 mm (8 1/2 \times 14 in.)	Yes	Yes	Yes	
	Executive	184 \times 267 mm (7 1/4 \times 10 1/2 in.)	_	_	Yes	
	JIS B5	182×257 mm (7.2 \times 10.1 in.)	-	-	User Defined	
	A5	148 \times 210 mm (5.8 \times 8.3 in.)	-	Yes	Yes	
	A6	105 \times 148 mm (4.1 \times 5.8 in.)	_	-	Yes	
Cards		10 × 15 cm (4 × 6 in.)	-	Yes	Yes	
		13×18 cm (5 \times 7 in.)	-	_	Yes	
		127 \times 203 mm (5 \times 8 in.)	-	-	Yes	
	Postcard 1	100 \times 148 mm (3.9 \times 5.8 in.)	-	-	User Defined	
	Postcard 2 (Double)	148 \times 200 mm (5.8 \times 7.9 in.)	-	-	User Defined	
Envelopes	C5 Envelope	162 × 229 mm (6.4 × 9 in.)	_	_	Yes	
	DL Envelope	110 \times 220 mm (4.3 \times 8.7 in.)	_	-	Yes	
	COM-10	105 × 241 mm (4 1/8 × 9 1/2 in.)	-	_	Yes	
	Monarch	98×191 mm (3 7/8 \times 7 1/2 in.)	_	-	Yes	
	Y4 Envelope	105 \times 235 mm (4.1 \times 9.3 in.)	-	-	User Defined	
Transparencies	A4	210 \times 297 mm (8.3 \times 11.7 in.)	-	Yes	Yes	
	Letter	215.9 \times 279.4 mm (8 1/2 \times 11 in.)	-	Yes	Yes	
	Legal ¹	215.9 \times 355.6 mm (8 1/2 \times 14 in.)	-	Yes	Yes	
	A5	148 \times 210 mm (5.8 \times 8.3 in.)	-	Yes	Yes	

¹ Only available for some countries.

Paper Type Weight Thickness No. of sheets Cut Sheet Plain Paper 64 to 120 gsm 0.08 to 0.15 mm 100¹ Inkjet Paper 64 to 200 gsm 0.08 to 0.25 mm 20 20 ² **Glossy Paper** Up to 220 gsm Up to 0.25 mm Cards Photo Card Up to 220 gsm Up to 0.25 mm 20 ² 30 Index Card Up to 120 gsm Up to 0.15 mm Postcard Up to 200 gsm 30 Up to 0.25 mm Envelopes 75 to 95 gsm Up to 0.52 mm 10 10 Transparencies _

Paper weight, thickness and capacity

¹ Up to 100 sheets of 80 gsm paper.

² BP71 (260 gsm) paper is especially designed for Brother inkjet machines.

3

Loading documents

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 ¹ and feeds each sheet individually. Use 90 gsm paper and always fan the edges of the pages before placing them in the ADF.

¹ The ADF can hold up to 20 pages, if you stagger the pages and meet the following conditions: Temperature: 20 - 26 °C Humidity: 40 - 50% without condensation Paper: XEROX4200 75 gsm

Document Sizes and Weights

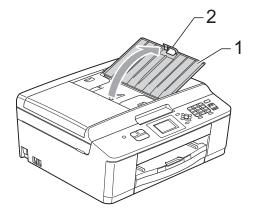
Length:	148 to 355.6 mm
Width:	148 to 215.9 mm
Weight:	64 to 90 gsm

How to load documents

IMPORTANT

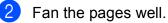
- DO NOT pull on the document while it is feeding.
- DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper clipped, pasted or taped.
- DO NOT use cardboard, newspaper or fabric with the ADF. Instead use the scanner glass.

Make sure documents written with ink or modified with correction fluid are completely dry. Unfold the ADF Document Support (1) and the ADF Document Support Flap (2).

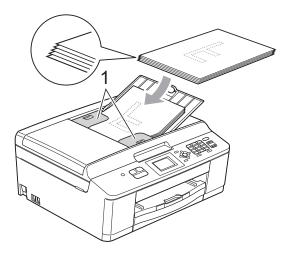


🖉 Note

DO NOT use the ADF Document Support Flap for Legal size paper. (Only available for some countries.)



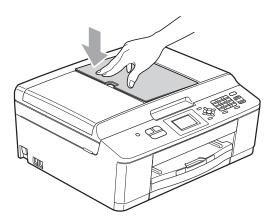
Adjust the paper guides (1) to fit the width of your documents.
Stagger the pages of the documents and place them face down, top edge first in the ADF underneath the guides until you feel them touch the feed rollers.
The screen will display ADF Ready.



IMPORTANT

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

After using the ADF, close the ADF Document Support Flap and push the upper-left portion of the ADF Document Support to close it completely.



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

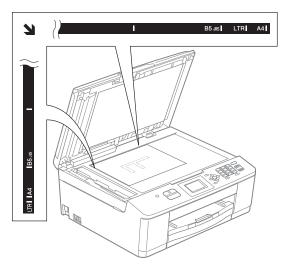
Length:	Up to 297 mm
Width:	Up to 215.9 mm
Weight:	Up to 2 kg

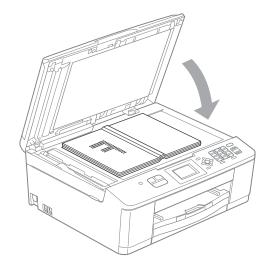
How to load documents

R Note

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

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







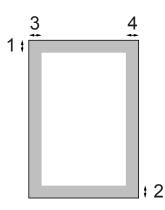
Close the document cover.

IMPORTANT

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

Unscannable area

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



Usage Document Size		Тор (1)	Left (3)
		Bottom (2)	Right (4)
Fax	A4	3 mm	3 mm ¹
	Letter		4 mm
	Legal		
Сору	All paper		3 mm
Scan	sizes		

¹ The unscannable area is 1 mm when you use the ADF.

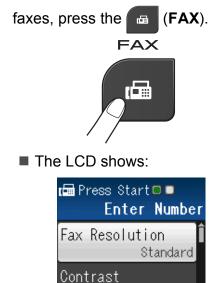
4

Sending a fax

How to send a fax

The following steps show how to send a fax.

 When you want to send a fax or change the settings for sending or receiving



- 2 Do one of the following to load your document:
 - Place the document face down in the ADF. (See Using the ADF
 > page 22.)
 - Load your document *face down* on the scanner glass. (See *Using the scanner glass* **>>** page 23.)

🖉 Note

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

You can change the following fax sending settings. Press ▲ or ▼ to scroll through the fax settings. When the setting you want is displayed, press **OK** and choose your option.

(Basic User's Guide)

For details about changing the following fax sending settings, see pages 26 to 27.

- Glass ScanSize
- Colour Fax Transmission

(Advanced User's Guide)

For more advanced fax sending operations and settings ➤>Advanced User's Guide: Sending a fax

- Choosing multiple settings
- Contrast
- Fax Resolution
- Set New Defaults
- Factory Reset
- Dual Access
- Faxing at End of Call
- Broadcasting
- Real Time Transmission
- Overseas Mode
- Cancelling Waiting Jobs
- Enter the fax number. Using the dial pad Using Speed Dial
 - Speed Dial

Using call history

- Outgoing Call
- Caller ID hist.

5 Press Mono Start or Colour Start.

Faxing from the ADF

The machine starts scanning the document to be sent.

Faxing from the scanner glass

- If you pressed Mono Start, the machine starts scanning the first page. Go to step 6.
- If you pressed Colour Start, the LCD asks if you want to send a colour fax. Press 1 to choose Yes (Send) to confirm. The machine starts scanning and sending the document.
- 6 When the LCD asks you Next 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 go to step .
- 7 Place the next page on the scanner glass.

Press OK.

The machine starts scanning the page. (Repeat steps (6) and (7) for each additional page.)

8 After all the pages have been scanned, press 2 or Mono Start to start.

Stop faxing

To stop faxing, 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.



- Press ▲ or ▼ to choose Advanced Settings. Press OK.
- 3 Press ▲ or ▼ to choose Glass ScanSize. Press OK.
- Press ▲ or ▼ to choose A4 or Letter. Press OK.

🖉 Note

- You can save the setting you use most often by setting it as the default.
 (➤>Advanced User's Guide: Setting your changes as a new default)
- This setting is only available for sending documents from the scanner glass.

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.
- Press Menu.

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

🖉 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. (►►Advanced User's Guide: Real Time Transmission)
- If your transmission is successful, "OK" will appear next to "RESULT" on the Transmission Verification Report. If the transmission is not successful, "ERROR" will appear next to "RESULT".

5

Receiving a fax

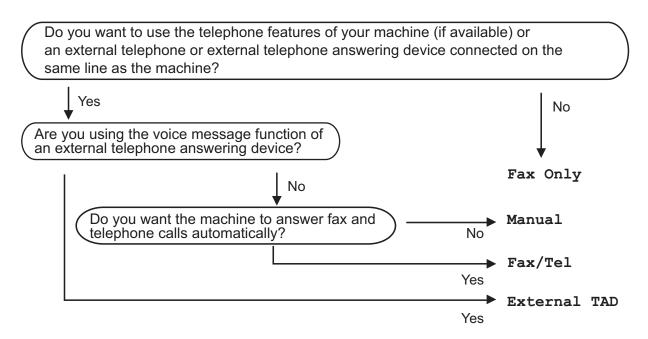
Receive Modes

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* **>>** page 29.



To set a Receive Mode follow the instructions below:

- Press Menu.
 Press ▲ or ▼ to choose Initial Setup. Press OK.
 Press ▲ or ▼ to choose Receive Mode
- 3 Press ▲ or ▼ to choose Receive Mode. Press OK.
- 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* ➤> page 30.)

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) → page 30 and Ring Delay → page 30.)

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 then press **2** to 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* **>>** page 31.)

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)
▶ page 39.)

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 rinas.

(See Operation from external and extension telephones ➤> page 41 and Fax Detect >> page 31.)



2

Press Menu.

- Press ▲ or V to choose Fax. Press OK.
- Press ▲ or ▼ to choose Setup Receive. Press OK.
- 4) Press ▲ or V to choose Ring Delay. Press OK.
- 5 Press ▲ or ▼ to choose how many times you want the machine to ring before it answers (2-10 for Australia, 1-10 for New Zealand, 0-2 for Taiwan, 0-10 for some countries).

Because the restriction of Taiwan's Telecommunication law, the products sold in this area cannot be set to more than 3 cycle rings.

Press OK.

If you choose 0, the machine will answer immediately and the line will not ring at all.

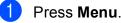
Press Stop/Exit.

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

When somebody calls your machine, you and your caller will hear the normal telephone ring. 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 by using a remote code. (For more information see Using remote codes \rightarrow page 41.)



- Press ▲ or V to choose Fax. Press OK.
- 3) Press ▲ or ▼ to choose Setup Receive. Press OK.
- 4 Press ▲ or ▼ to choose

F/T Ring Time. Press OK.

5 Press \blacktriangle or \lor 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.

Press Stop/Exit.

M Note

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

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 or external telephone, press * 5 1 (* 9 1 for New Zealand). (See Operation from external and extension telephones \rightarrow page 41.)

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.
- Press Menu.
 - Press ▲ or ▼ to choose Fax. Press OK.



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

6

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:

- Press Hook.
 - Press # on the machine's control panel. Any digits dialled after this will send tone signals.

When you are finished with the call, 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

Distinctive Ring

Distinctive Ring ¹ is a function of your Brother machine that allows a person with one line to receive fax and voice calls through two different phone numbers on that one line.

Brother uses the term "Distinctive Ring", but telephone companies market the service under a variety of names. This service establishes a second telephone number on the same line as your existing telephone number, and each number has its own ring pattern. Typically, the original number rings with the standard ring pattern and is used for receiving voice calls, and the second number rings with a different ring pattern and is used for receiving faxes. 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.

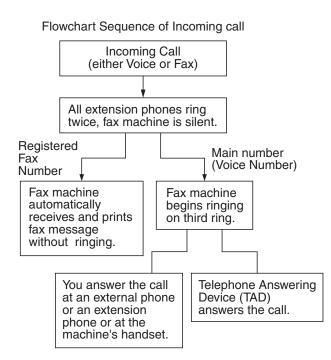
🖉 Note

Contact your Telephone Service Provider to determine availability and any other related details.

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.

How does your telephone company's "Distinctive Ring" service work?

Using "Distinctive Ring" service of your telephone company 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.



What does Brother's "Distinctive Ring" do?

The Brother machine has a Distinctive Ring feature that allows you to use your machine to take full advantage of the telephone company's Distinctive Ring service. The new telephone number on your line can just receive faxes.

Turning on Distinctive Ring

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. When Distinctive Ring is on, the LCD will show D/R as the Receive Mode.

Press Menu. Press ▲ or V to choose Fax. Press OK. Oress ▲ or ▼ to choose 6 Miscellaneous. Press OK. **Press** ▲ or **V** to choose Distinctive. Press OK. 5 Press **▲** or **▼** to choose On. Press OK. 6 Press Stop/Exit. Distinctive Ring is now set to on. **Turning off Distinctive Ring** Press Menu. Press ▲ or V to choose Fax. Press OK. Press ▲ or ▼ to choose Miscellaneous. Press OK. **Press** ▲ or **V** to choose Distinctive. Press OK. Press \blacktriangle or \forall to choose Off. Press OK. Press Stop/Exit.

33

🖉 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* ➤> page 28.)

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.



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 the name has been stored as Speed Dial. Once you answer the call, the caller's ID disappears.

🖉 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.

>>Advanced User's Guide: *How to print a report*

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 this page.)

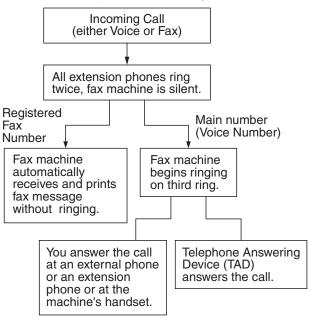
What is the Advantage of Using the FaxAbility Function?

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 guickly 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



🖉 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. When FaxAbility is on, the LCD will show D/R as the Receive Mode.

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 **1**-**3**; Step **5** 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.

- 1 Press Menu.
- Press ▲ or ▼ to choose Fax. Press OK.
- 3 Press ▲ or ▼ to choose Miscellaneous. Press OK.
- 4 Press ▲ or ▼ to choose FaxAbility. Press OK.
- 5 Press ▲ or ▼ to choose On (or Off).
 If you have FaxAbility service, choose On.
 Press OK.
- 6 Press ▲ or ▼ to choose Call Waiting. Press OK.

Press ▲ or ▼ to choose On (or Off). If you have Call Waiting service, choose On to avoid the trouble caused by Call Waiting. Press OK.

8 Press Stop/Exit.

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

>>Advanced User's Guide: *How to print a report*



- 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.

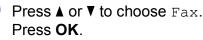
• The machine will answer only calls to the Distinctive Ring number.

Turning on Distinctive Ring

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. When Distinctive Ring is on, the LCD will show D/R as the Receive Mode.

Press Menu.



Chapter 6

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

- 4 Press ▲ or ▼ to choose Distinctive. Press OK.
- 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.

- Press ▲ or ▼ to choose Fax. Press OK.
- 3 Press ▲ or ▼ to choose Miscellaneous. Press OK.
- 4 Press ▲ or ▼ to choose Distinctive. Press OK.
- 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 ➤> page 28.)

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.

- 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.

>>Advanced User's Guide: *How to print a report*

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

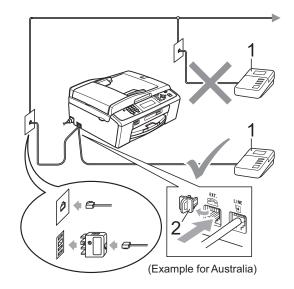
Connecting an external TAD (telephone answering device)

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.



1 TAD

2 Protective Cap

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

IMPORTANT

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

Connections settings

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

- Set your external TAD to one or two rings. (The machine's Ring Delay setting does not apply.)
- Record the outgoing message on your external TAD.
- 3 Set the TAD to answer calls.
- Set the Receive Mode to External TAD. (See Choose the Receive Mode ➤➤ page 28.)

Recording an outgoing message (OGM) on an external TAD

Timing is important in recording this message.

- 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.)
 - 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.

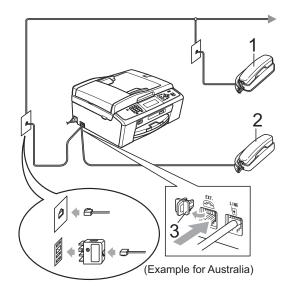
While it is often relatively simple to connect a fax machine to a PABX, (Private Automatic Branch Exchange), we suggest that you contact the company that installed your telephone system and ask them to connect the fax machine for you.

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.

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.



- 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)* \rightarrow page 30.)

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* ➤➤ page 31.)

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* ➤> 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 and 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* >> page 31.)

If you answer a fax call at the external telephone, you can make the machine receive the fax by pressing **Mono Start** and **2** to choose Receive.

Remote Deactivation Code

If you receive a voice call and the machine is in Fax/Tel 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.

- 1 Press Menu.
- Press ▲ or ▼ to choose Fax. Press OK.
- 3 Press ▲ or ▼ to choose Setup Receive. Press OK.
- Press ▲ or ▼ to choose Remote Codes. Press OK.
- 5 Press ▲ or ▼ to choose On (or Off). Press OK.
- 6 Enter the new Remote Activation Code. Press OK.
- 7 Enter the new Remote Deactivation Code. Press OK.
- 8 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



1 Press (Speed Dial).



You can also choose Speed Dial by

(**FAX**). pressing ı,

- 2) Press ▲ or ▼ to choose Search. Press OK.

3 Do one of the following:

- Press ▲ or ▼ to choose Alphabetical Order Or Numerical Order. Press OK.
- Press the 2-digit Speed Dial number using the dial pad. (See Storing Speed Dial numbers **>>** page 46.)

🖉 Note

If the LCD shows Not Registered when you enter or search a Speed Dial number that has not been stored at this location.

- 4 Press \blacktriangle or \checkmark to choose the number you want to dial. Press OK.
- Press OK to choose Send a fax.

Search

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



1 Press 🎬 (Speed Dial).

You can also choose Speed Dial by

pressing 📠 (FAX).

- **Press ▲** or **▼** to choose Search. Press OK.
 - Press ▲ or ▼ to choose Alphabetical Order or Numerical Order. Press OK.
- 4 If you chose Alphabetical Order in step 3, 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 **Hook**, **Redial/Pause**, and then press **Mono Start** or **Colour Start** to try again.

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.

- 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).

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 to Speed Dial.

Press OK.

(>>Advanced User's Guide: Storing Speed Dial numbers from Outgoing Calls)

 If you want to delete the number from the Outgoing Call history list, press
 ▲ or ▼ to choose Delete.

Press OK.

Press 1 to confirm.



Press Stop/Exit.

Caller ID history

This feature requires the Caller ID subscriber service offered by many local telephone companies. (See *Caller ID* ➤> page 34, 36 and 38 for your relevant country.)

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.

1 Press **Redial/Pause** and press *****. You can also choose

Caller ID hist. by pressing



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

less **UR**.

- Oo 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 to Speed Dial.

Press OK.

(➤>Advanced User's Guide: Storing Speed Dial numbers from the Caller ID history)

If you want to delete the number from the Caller ID history list, press ▲ or ▼ to choose Delete.

Press OK.

Press 1 to confirm.

4 Press Stop/Exit.

🖉 Note

You can print the Caller ID list. (➤Advanced User's Guide: *How to print* a report)

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

You can store up to 40 2-digit different Speed Dial numbers with a name, and each name has one number. When you dial you will only have to press a few keys (for example:

number, and Mono Start or Colour Start).

1 Press 🎞 (Speed Dial).

- Press ▲ or ▼ to choose Set Speed Dial. Press OK.
- 3 Press ▲ or ▼ to choose the 2-digit Speed Dial location where you want to store the number in. Press OK.

- - 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 **>>** page 92.)

- To store the number without a name, press OK.
- 5) Enter the fax or telephone number (up to 20 digits). Press OK.
- 6 Press ▲ or ▼ to choose Complete. Press OK.
- 7 Do one of the following:
 - To store another Speed Dial number, go to step 3.
 - If you are finished storing numbers, press Stop/Exit.

Changing Speed Dial names or numbers

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



1 Press 🏧 (Speed Dial).

- Press ▲ or ▼ to choose Set Speed Dial. Press OK.
- 3 Press ▲ or ▼ to choose the 2-digit Speed Dial location you want to change. Press OK.
- 4 Do one of the following:
 - Press ▲ or V 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.

If you want to change the name, press
 ▲ or ▼ to choose Name, then press OK and enter the new name using the dial pad (up to 16 characters).
 Press OK.
 (See Entering Text ➤> page 92.)

- 6 If you want to change the fax or telephone number, press ▲ or ▼ to choose Fax/Tel:, then press OK and enter the new fax or telephone number using the dial pad (up to 20 digits). Press OK.
- 7 Press ▲ or ▼ to choose Complete. Press OK.
- 8 Press Stop/Exit.

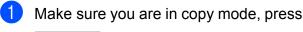
47

```
8
```

Making copies

How to copy

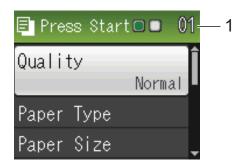
The following steps show the basic copy operation.



(COPY).



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.

(>>Advanced User's Guide: *Mode Timer*)

2 Do one of the following to load your document:

Place the document *face down* in the ADF.

(See Using the ADF ➤> page 22.)

Place the document face down on the scanner glass.

(See Using the scanner glass → page 23.)

- If you want more than one copy, enter the number (up to 99).
- Press Mono Start or Colour Start.

Stop copying

To stop copying, press Stop/Exit.

Copy settings

You can change the following copy settings. Press **COPY** and then press \blacktriangle or \checkmark 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 ➤> page 49.

- Paper Type
- Paper Size

(Advanced User's Guide)

For details about changing the following copy settings

- >>Advanced User's Guide: Copy settings
- Quality
- Enlarge/Reduce
- Page Layout
- 2in1(ID)
- Stack/Sort
- Density
- Set New Default
- Factory Reset

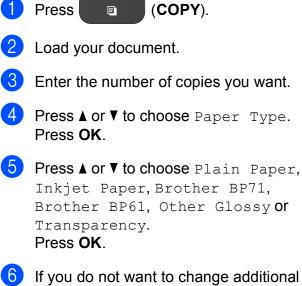


If you want to sort copies, use the ADF.

Paper Options

Paper Type

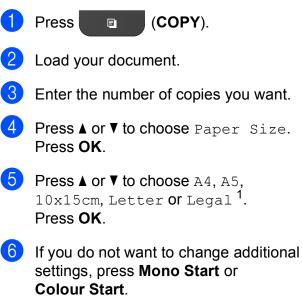
If you are copying on a special type of paper, set the machine for the type of paper you are using to get the best print quality.



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, A5, Photo 10×15 cm, Letter or Legal ¹ paper.



¹ Only available for some countries.

8

9

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, you must install the printer driver.

Software User's Guide: Printing
 (Windows[®])
 Software User's Guide: Printing and Faxing (Macintosh)



Install the Brother printer driver from the CD-ROM. (➤➤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 **Preferences**.

4 Choose the settings you want to change in the Properties dialog box.

- Media Type
- Print Quality
- Paper Size
- Orientation
- Colour/Greyscale
- Ink Save Mode
- Scaling
- 5 Click OK.
 - Click **Print** to begin printing.

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, you must install a scanner driver. If the machine is on a Network, configure it with a TCP/IP address.

- Install the scanner drivers from the CD-ROM. (➤➤Quick Setup Guide)
- Configure the machine with a TCP/IP address if network scanning does not work.

Software User's Guide: Configuring Network Scanning for Windows[®]

Software User's Guide: Configuring network scanning for Macintosh



Load your document. (See How to load documents ➤> 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.

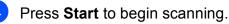
Scanning using the SCAN key

For more information
Software User's Guide: Using the Scan key



Choose the scan mode you want.

- Scan to File
- Scan to E-mail
- Scan to OCR¹
- Scan to Image
- Web Service (Web Services Scan)²
- ¹ (Macintosh users) Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) ➤> page 5 for further instructions.
- ² (Windows[®] users only)
 (>>Software User's Guide: Using Web Services for scanning on your network (Windows Vista[®] SP2 or later and Windows[®] 7))
- 3 (For network users) Choose the computer you want to send the data to.



Scanning using a scanner driver

Software User's Guide: Scanning a document using the TWAIN driver (Windows[®])

Software User's Guide: Scanning a document using the WIA driver (Windows[®])

Software User's Guide: Scanning a document using the TWAIN driver (Macintosh)

Software User's Guide: Scanning a document using the ICA driver (Mac OS X 10.6.x)

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

- Adjust the settings such as Resolution,
 Brightness and Scan Type in the
 Scanner Setup dialog box.
- 3 Click **Start** or **Scan** to begin scanning.

Scanning using the ControlCenter

➤Software User's Guide: ControlCenter4 (Windows[®])

Software User's Guide: ControlCenter2 (Macintosh) A

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 four cartridges. When the machine detects an ink cartridge is running out of ink, the machine will display a message on the LCD.

🖉 Note

For example, when one of the ink cartridges 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 cartridges 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 show 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.

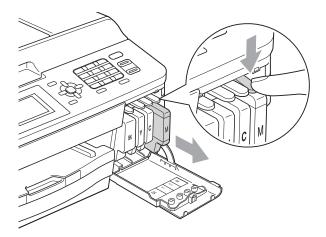
A CAUTION

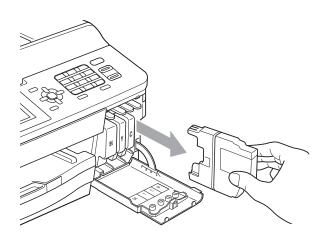
If ink gets in your eyes, wash it out with water at once and call a doctor if you are concerned.

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 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 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.

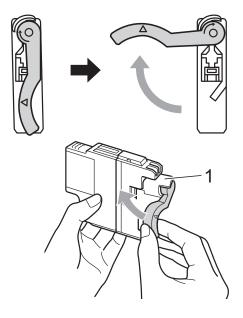
Open the ink cartridge cover. If one or more of the ink cartridges have reached the end of their life, the LCD shows B&W Print Only or Cannot Print. Press the lock release lever as shown to release the cartridge indicated on the LCD. Remove the cartridge from the machine.

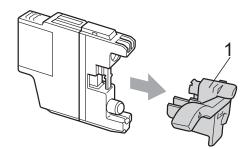




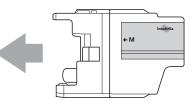
3 Open the new ink cartridge bag for the colour shown on the LCD, and then take out the ink cartridge.

4 Turn the green release lever on the orange protective packing (1) clockwise until it clicks to release the vacuum seal. Then remove the orange protective packing as shown.

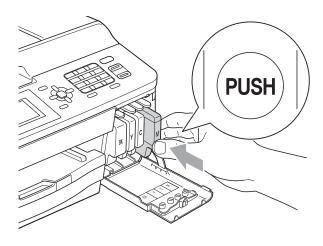




5 Each colour has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.



6 Gently push the back of the ink cartridge marked "PUSH" until it clicks, and then close the ink cartridge cover.



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 brand new Original Brother and that they are installed correctly.

IMPORTANT

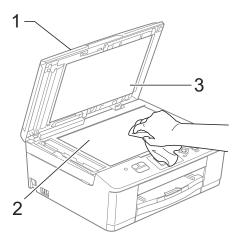
- DO NOT take out ink cartridges if you do not need to replace them. If you do so, it may reduce the ink quantity and the machine will not know the quantity of ink left in the cartridge.
- DO NOT touch the cartridge insertion slots. If you do so, the ink may stain your skin.
- If ink gets on your skin 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.

A

Cleaning and checking the machine

Cleaning the scanner glass

- Unplug the machine from the electrical socket.
- 2 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.



🖉 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.

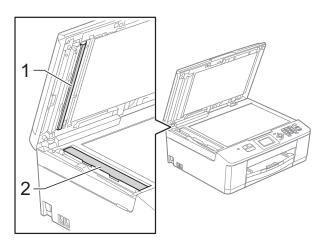


When there is a spot of dirt or correction fluid on the glass strip the printed sample shows a vertical line.



After the glass strip is cleaned the vertical line is gone.

3 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.



Cleaning the print head

To maintain good print guality, 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 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

(Yellow/Cyan/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.

Press Menu.

- Press ▲ or ▼ to choose Ink. Press OK.
- 3 Press ▲ or ▼ to choose Cleaning. Press OK.
- 4 Press ▲ or ▼ to choose Black, Color or A11.

Press OK.

The machine cleans the print head. When cleaning is finished, the machine will go back to the Ready 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 printouts, some of the print head nozzles may be clogged. You can check this by printing the Print Quality Check Sheet and looking at the nozzle check pattern.

Press Menu.



Press ▲ or V to choose Ink. Press OK.

- 3 Press ▲ or V to choose Test Print. Press OK.
- 4 Press ▲ or ▼ to choose Print Quality. Press OK.
 - Press Colour Start. The machine begins printing the Print Quality Check Sheet.
- 6 Check the quality of the four colour blocks on the sheet.
- 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 1.
- 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 then the 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 the cleaning procedure is finished, press Colour Start.

The machine starts printing the Print Quality Check Sheet again and repeat the procedure from step 6.

1 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



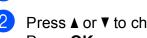
When a print head nozzle is clogged the printed sample looks like this.



After the print head nozzle is cleaned, the horizontal lines are gone.

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.



1 Press Menu.

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

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

- **Press** ▲ or ▼ to choose Alignment. Press OK.
- 5 Press Mono Start or Colour Start. The machine starts printing the Alignment Check Sheet.

(A)	(B)	(C)	(D)
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

- 6 For the "A" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- For the "B" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 8 For the "C" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 9 For the "D" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 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 in the following table.

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.	Replace the ink cartridges. (See <i>Replacing the ink cartridges</i> ➤ page 53.)
	You can use the machine in monochrome mode for approximately four weeks depending on the number of pages you print.	If you unplug the machine or take out the ink cartridge, you cannot use the machine until you change to a new ink cartridge.
	While this message appears on the LCD, each operation works in the following way:	
	Printing	
	If you choose 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 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.	

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 <i>Replacing the ink cartridges</i> ➤ page 53.)
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 <i>Replacing the ink cartridges</i> → page 53.)
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.
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. If calls are stopped repeatedly and you are using a VoIP (Voice over IP) system, try changing the Compatibility to Basic (for VoIP). (See <i>Telephone</i> <i>line interference / VoIP</i> ➤> page 76.)
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	(See Using the ADF ➤> page 22.) (See Document jam ➤> page 65.)

Error Message	Cause	Action
DR Mode in Use (For Australia, Singapore and Hong Kong) FaxAbility On (For New Zealand)	 (For Australia, Singapore and Hong Kong) The machine is in Distinctive Ring mode. You cannot change the Receive Mode from Manual to another mode. (For New Zealand) The machine is in FaxAbility mode. You cannot change the Receive Mode from Manual to another mode. 	 (For Australia, Singapore and Hong Kong) Set Distinctive Ring to Off. (See Turning off Distinctive Ring > page 33 and 38) (For New Zealand) Set FaxAbility to Off. (See How to Turn FaxAbility OFF or ON >> page 36)
High Temperature Ink Absorber Full	The print head is too warm. The ink absorber box or flushing box is full. These components are periodic maintenance items that may require replacement after a period of time to ensure optimum performance from your Brother machine. Because these components are periodic maintenance items, the replacement is not covered under the warranty. The need to replace these items and the time period before replacement is dependent on the number of purges and flushes required to clean the ink system. These boxes acquire amounts of ink during the different purging and flushing operations. The number of times a machine purges and flushes for cleaning varies depending on different situations. For example, frequently powering the machine on and off will cause numerous cleaning cycles since the machine automatically cleans upon power up. The use of non-Brother ink may cause frequent cleanings because non-Brother ink could cause poor print quality which is resolved by cleaning. The more cleaning the machine requires the faster these boxes will fill up. Note Repairs resulting from the use of <i>non-Brother supplies may not be</i> <i>covered under the stated product</i> <i>warranty.</i>	 Allow the machine to cool down. The ink absorber box or flushing box will need to be replaced. Contact Brother Customer Service or your local Brother Authorised Service Centre to have your machine serviced. Other reasons for cleaning are: After a paper jam has been cleared, the machine automatically cleans itself before the next received fax is printed. The machine automatically cleans itself after sitting idle for more than 30 days (infrequent use). The machine automatically cleans itself after the ink cartridges for each colour have been replaced 12 times.
Ink Absorber NearFull	The ink absorber box or flushing box is near full.	Call Brother Customer Service / your Brother dealer.

Error Message	Cause	Action
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 ➤> page 53.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature call your telephone company. (See <i>Caller ID</i> ➤➤ page 34, 36 and 38 for your relevant country.)
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 <i>Replacing the ink cartridges</i> ➤ page 53.)
No Paper Fed	The machine is out of paper or paper	Do one of the following:
	is not correctly loaded in the paper tray.	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 > page 11.)
	The paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Printer jam or paper jam</i> ➤➤ page 66.
	Paper dust has accumulated on the surface of the paper pick-up rollers.	Clean the paper pick-up rollers. (➤>Advanced User's Guide: Cleaning the paper pick-up rollers)
	The Jam Clear Cover is not closed correctly.	Check the Jam Clear Cover is closed evenly at both ends. (See <i>Printer jam</i> <i>or paper jam</i> ➤➤ page 66.)
No Response/Busy	The number you dialled has not answered 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 ➤ page 46.)
Out of Memory	The machine's memory is full.	If a copy operation is in process
		Press Stop/Exit and wait until the other operations that are in progress finish, and then try again.

Error Message	Cause	Action	
Paper Jam	Paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Printer jam or paper jam</i> ➤➤ page 66.	
		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. (The extendable tray is only available for some countries.)	
Unable to CleanXX	The machine has a mechanical	Open the scanner cover and remove	
Unable to Init.XX	problem.	any foreign objects and paper scraps from inside the machine. If the error	
Unable to PrintXX	-OR-	message continues, see Transferring	
Unable to ScanXX	A foreign object such as a paper clip or ripped paper is in the machine.	your faxes or Fax Journal report → page 64 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.	
Wrong Ink Colour	A colour ink cartridge has been installed in the Black ink cartridge position.	Check which ink cartridges are not matched by colour to their ink cartridge positions and move them to their correct positions.	
Wrong Paper Size	The Paper Size setting does not match the size of paper in the tray. Or, you did not set the paper guides in the tray to the indicators for the paper size you are using.	1 Check that the paper size you choose matches the size of paper in the tray.	
		2 Make sure you loaded the paper in a Portrait position, by setting the paper guides at the indicators for your paper size.	
		3 After you have checked the paper size and the paper position, press Mono Start or Colour Start .	

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 back a step.

Transferring your faxes or Fax Journal report

If the LCD shows:

- Unable to CleanXX
- Unable to Init.XX
- Unable to PrintXX
- Unable to ScanXX

We recommend transferring your faxes to another fax machine. (See Transferring faxes to another fax machine \rightarrow page 64.)

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 \rightarrow page 64.)

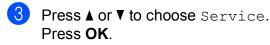
Transferring faxes to another fax machine

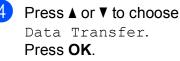
If you have not set up your Station ID, you cannot enter fax transfer mode. (>>Quick Setup Guide: Enter personal information (Station ID))



Press Stop/Exit to interrupt the error temporarily.

Press Menu.





Press ▲ or ▼ to choose Fax Transfer. 5 Press OK.



- 6 Do one of the following:
 - If the LCD shows No Data, there are no faxes left in the machine's memory.

Press Stop/Exit.

- Enter the fax number to which faxes will be forwarded.
- Press Mono Start.

Transferring the Fax Journal report to another fax machine

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

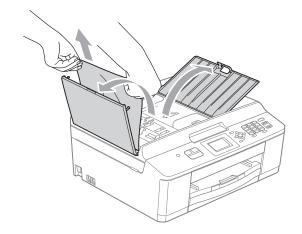
- 1 Press Stop/Exit to interrupt the error temporarily.
- Press Menu.
- 3 Press ▲ or ▼ to choose Service. Press OK.
- Press ▲ or ▼ to choose Data Transfer. Press OK.
- 5 Press ▲ or V to choose Report Trans. Press OK.
- 6 Enter the fax number to which the Fax Journal report will be forwarded.
- Press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

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.

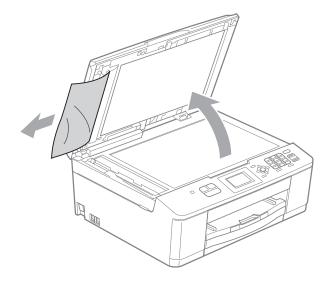
Document is jammed in the top of the ADF unit

- Take out any paper from the ADF that is not jammed.
- 2 Open the ADF cover.
- 3 Remove the jammed document by pulling it upward.



Document is jammed inside the ADF unit

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



- Close the document cover.
- Press Stop/Exit.

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

IMPORTANT

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

Β

Printer jam or paper jam

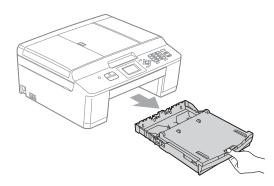
Take out the jammed paper depending on where it is jammed in the machine.

If the LCD shows Paper Jam follow these steps:

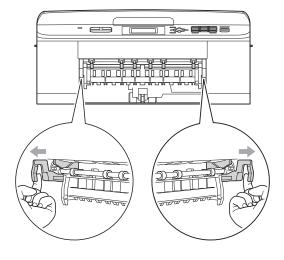
IMPORTANT

Before you unplug the machine from the power source, you can transfer your faxes that are stored in the memory to another fax machine so you will not lose any important messages. (See *Transferring your faxes or Fax Journal report* ▶ page 64.)

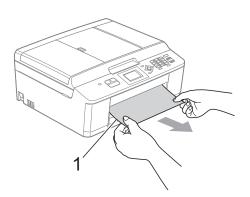
- Unplug the machine from the electrical socket.
- If the paper support flap is open, close it, and then close the paper support. Pull the paper tray completely out of the machine.



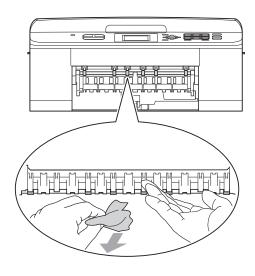
3 Pull the two green levers inside the machine to release the jammed paper.



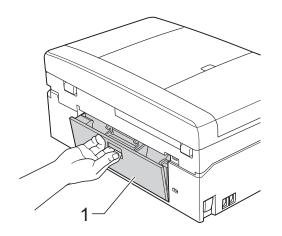
4 Pull out the jammed paper (1).



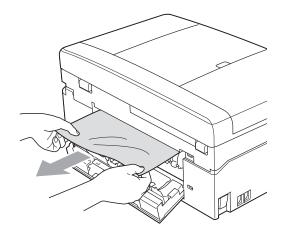
5 Lift the Jam Clear Flap, and remove the jammed paper.



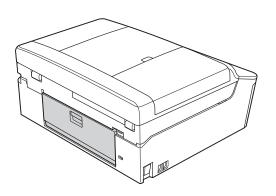
6 Open the Jam Clear Cover (1) at the back of the machine.



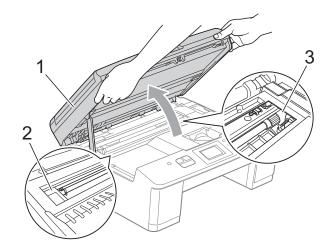
Pull the jammed paper out of the machine.



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



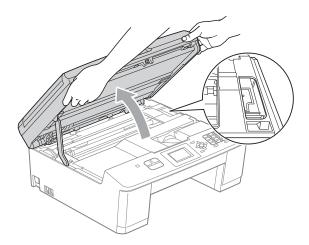
9 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover (1) to the open position.



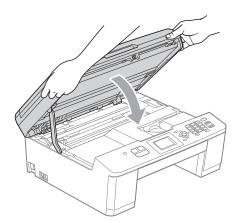
Move the print head (if necessary) to take out any paper remaining in this area. Make sure that jammed paper is not left in the corners of the machine (2) and (3).

IMPORTANT

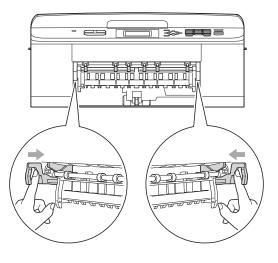
- If the paper is jammed under the print head, unplug the machine from the power source, and then move the print head to take out the paper.
- If the print head is in the right corner as shown in the illustration, you cannot move it. Re-connect the power cord. Hold down Stop/Exit until the print head moves to the centre. Then unplug the machine from the power source and take out the paper.



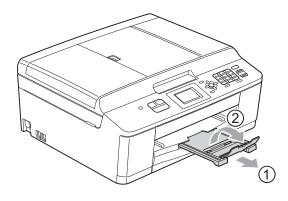
- If ink gets onto your skin, immediately wash with soap and plenty of water.
- 10 Using both hands, grasp the plastic tabs on both sides of the machine and gently close the scanner cover.



 Push the two green levers back to their original positions.



- Push the paper tray firmly back into the machine.
- 13 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. (Only available for some countries.)

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 <u>http://solutions.brother.com/</u>.

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. (>>Quick Setup Guide)
	Check that the machine is plugged in and that the the key is on.
	One or more ink cartridges have reached the end of their life. (See <i>Replacing the ink cartridges</i> >> page 53.)
	Check to see if the LCD is showing an error message. (See <i>Error and Maintenance messages</i> ➤> page 59.)
	If the LCD shows Cannot Print and Replace Ink, see Replacing the ink cartridges >> page 53.
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online.
	(Windows [®] XP) Click Start and then Printers and Faxes . Right-click Brother MFC-XXXXX (where XXXXX is your model name). If the printer is offline, it will show Use Printer Online . Select this option to enable the printer.
	(Windows Vista [®])
	Click 🚱, Control Panel, Hardware and Sound and then Printers. Right-click
	Brother MFC-XXXXX (where XXXXX is your model name). If the printer is offline, it will show Use Printer Online . Select this option to enable the printer.
	(Windows [®] 7)
	Click 👩 and then Devices and Printers. Right-click Brother MFC-XXXXX
	(where XXXXX is your model name) and choose See what's printing . Click Printer and make sure that Use Printer Offline is unchecked.

Printing (continued)

Difficulty	Suggestions
Poor print quality.	Check the print quality. (See <i>Checking the print quality</i> >> page 57.)
	Make sure that the Media Type setting in the printer driver or the Paper Type setting in the machine's menu matches the type of paper you are using. See <i>Paper Type</i> >> page 17.
	 Software User's Guide: <i>Printing</i> (Windows[®]) Software User's Guide: <i>Printing and Faxing</i> (Macintosh)
	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. Brother does not recommend the use of cartridges other than Brother Original cartridges or the refilling of used cartridges with ink from other sources.
	Try using the recommended types of paper. (See Acceptable paper and other print media ➤➤ page 18.)
	The recommended environment for your machine is between 20 °C to 33 °C.
White horizontal lines appear in text	Clean the print head. (See <i>Cleaning the print head</i> ➤➤ page 57.)
or graphics.	Make sure you are using Brother Original Innobella™ ink.
	Try using the recommended types of paper. (See Acceptable paper and other print media ➤➤ page 18.)
The machine prints blank pages.	Clean the print head. (See Cleaning the print head ➤➤ page 57.)
	Make sure you are using Brother Original Innobella™ ink.
Characters and lines are blurred.	Check the printing alignment. (See Checking the print alignment >> page 58.)
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 <i>Loading paper and other print media</i> ➤ page 11.)
	Make sure the Jam Clear Cover is closed correctly.
	Clean the paper pick-up rollers. (>>Advanced User's Guide: <i>Cleaning the paper pick-up rollers</i>)
Smudge or stain at the top centre of the printed page.	Make sure the paper is not too thick or curled. (Acceptable paper and other print media ➤➤ page 18)
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 >> 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 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. (>>Advanced User's Guide: Cleaning the machine's printer platen)
	Make sure you are using Brother Original Innobella™ ink.
	Make sure you are using the paper support flap. (See <i>Loading paper and other print media</i> ➤➤ page 11.)

Printing (continued)

Difficulty	Suggestions
The machine prints dense lines on the page.	Check Reverse Order in the Basic tab of the printer driver.
The printouts are wrinkled.	(Windows [®] users) In the printer driver Advanced tab, click Colour Settings , and uncheck Bi-Directional Printing .
	(Macintosh users) In the printer driver, choose Print Settings , click Advanced , choose Other Print Options , and uncheck Bi-Directional Printing .
	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 (Windows [®]) or Print Settings (Macintosh). Also, click Colour Settings , and make sure you uncheck Colour Enhancement .
	 Turn the borderless feature off. Borderless printing is slower than normal printing. ➤Software User's Guide: <i>Printing</i> (Windows[®]) ➤Software User's Guide: <i>Printing and Faxing</i> (Macintosh)
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.
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. (>>Advanced User's Guide: <i>Cleaning the paper pick-up rollers</i>)
Machine feeds multiple pages.	Make sure the paper is loaded correctly in the paper tray. (See Loading paper and other print media ➤➤ page 11.)
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. (The extendable tray is only available for some countries.) (See <i>Printer jam or paper jam</i> ➤> page 66.)
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See Loading paper and other print media ➤➤ page 11.)
Machine does not print from	Try to reduce the print resolution.
Adobe [®] Illustrator [®] .	 Software User's Guide: <i>Printing</i> (Windows[®]) Software User's Guide: <i>Printing and Faxing</i> (Macintosh)
Ink is smudged or running when using glossy photo paper.	Make sure to check the front and back of the paper. Place the glossy surface (printing surface) face down. (See <i>Paper Type</i> ➤> page 17.)

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 <i>Replacing the ink cartridges</i> >> page 53.)
Left and Right margins are cut off or a single page is printed on two pages.	Turn on Auto Reduction. (➤➤Advanced User's Guide: <i>Printing a reduced incoming fax</i>)

Telephone Line or Connections

Difficulty	Suggestions
Dialling does not work.	Make sure the machine is plugged in and turned on.
(No dial tone)	Check the line cord connections.
	(Not available in New Zealand)
	Change the Tone/Pulse setting. (>>Quick Setup Guide)
	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 <i>Choose the Receive Mode</i> ➤➤ page 28.) 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.

Sending Faxes

Difficulty	Suggestions
Cannot send a fax.	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall socket and the LINE socket on the machine.
	Ask the other party to check that the receiving machine has paper.
	Print the Transmission Verification Report and check for an error. (➤>Advanced User's Guide: <i>Reports</i>)
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. 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 <i>Telephone line interference / VoIP</i> ➤> page 76.)
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 <i>Cleaning the scanner glass</i> ➤> page 56.)

Sending Faxes (continued)

Difficulty	Suggestions
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 <i>Cleaning the scanner glass</i> >> page 56.)

Handling Incoming Calls

Difficulty	Suggestions
The machine "hears" a voice as a CNG Tone.	If Fax Detect is set to On, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax-receiving tones. Deactivate the machine by pressing Stop/Exit . Try avoiding this problem by turning Fax Detect to Off. (See <i>Fax Detect</i> >> page 31.)
Sending a fax call to the machine.	If you answered on an extension or external telephone, press your Remote Activation Code (the factory default 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
Poor copy results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> ➤➤ page 23.)
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 <i>Cleaning the scanner glass</i> ➤ page 56.)
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 $^{\textcircled{R}}$)	(Not available in Hong Kong and Taiwan) Make sure the Brother TWAIN or WIA driver is chosen as the primary source in your scanning application. For example, in PaperPort [™] 12SE with OCR, click Scan Settings , Select to choose the Brother TWAIN/WIA driver.
	(Hong Kong and Taiwan users only) Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In Presto! PageManager with OCR, click File , Select Source and choose the Brother TWAIN/WIA driver.
TWAIN or ICA errors appear when starting to scan. (Macintosh)	Make sure the Brother TWAIN driver is chosen as the primary source. In PageManager, click File , Select Source and choose the Brother TWAIN driver. Mac OS X 10.6.x users can also scan documents using the ICA Scanner Driver. >>Software User's Guide: <i>Scanning a document using the ICA driver (Mac OS X 10.6.x)</i>
Poor scanning results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> ➤➤ page 23.)
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) >> page 5 for further instructions.

Software Difficulties

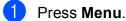
Difficulty	Suggestions
Cannot install software or print.	(Windows [®] users only) Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software.
"Device Busy"	Make sure the machine is not showing an error message on the LCD.
Cannot print images from FaceFilter Studio.	To use FaceFilter Studio, you must install the FaceFilter Studio application from the CD-ROM supplied with your machine. (>>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.

Network Difficulties

Difficulty	Suggestions
Cannot print over the network.	Make sure that your machine is powered on, is online and in the Ready mode. Print a Network Configuration Report (>>Advanced User's Guide: <i>Reports</i>) and check the current Network settings printed in this list.
	If you are using a wireless connection or are having Network problems Network User's Guide: <i>Troubleshooting</i>
The network scanning feature does	(Windows [®] users)
not work.	It is necessary to configure the 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 Brother software cannot be	(Windows [®] users)
installed.	Allow network access to the following programs if your security software displays an alert message during MFL-Pro Suite installation.
	(Macintosh users)
	If you are using a firewall function of anti-spyware or antivirus security software, temporarily disable it and then install the Brother software.
Cannot connect to wireless network.	Investigate the problem using the WLAN Report. Press the Menu key, choose Print Reports and then press OK. Choose WLAN Report. (≻>Network User's Guide)
Reset the network settings.	Press the Menu key, choose Network and then press OK. Choose Network Reset. (≻>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 when dialling, you should change it back to the No Detection setting.



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

- 3 Press ▲ or ▼ to choose Dial Tone. Press OK.
- 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.

Press Menu.

- Pr
 - Press ▲ or ▼ to choose Initial Setup. Press OK.
- 3 Press ▲ or ▼ to choose Compatibility. Press OK.
 - Press ▲ or ▼ to choose Normal or Basic(for VoIP). Press OK.
 - Basic (for VoIP) cuts the modem speed to 9,600 bps and turns off colour fax receiving and 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.

5 Press Stop/Exit.

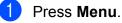
🖉 Note

- 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.

Machine Information

Checking the serial number

You can see the machine's serial number on the LCD.



- 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)

Station ID

(Name and Number)

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 restore all settings to their factory defaults.

Brother strongly recommends performing this procedure before handing over or disposing of the machine.

How to reset the machine

1 Press Menu.

- Press ▲ or ▼ to choose Initial Setup. Press OK.
- 3 Press ▲ or ▼ to choose Reset. Press OK.
- Press ▲ or ▼ to choose the type of reset (Network, Speed Dial&Fax or All Settings) you want to use. Press OK. Press 1 to confirm.
- 5 Press **1** to reboot the machine.

С

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	Test Print	—	Print Quality	Lets you check the print	57
			Alignment	quality or alignment.	
	Cleaning	—	Black	Lets you clean the print	57
			Color	head.	
			All		
	Ink Volume	—	—	Lets you check the available ink volume.	See ♦.
General Setup	Mode Timer	—	Off	Sets the amount of time	
			0Sec	before the machine returns to FAX mode.	
			30Secs		
			1Min		
			2Mins*		
			5Mins		
	Paper Type	—	Plain Paper*	Sets the type of paper in	17
			Inkjet Paper	the paper tray.	
			Brother BP71		
			Brother BP61		
			Other Glossy		
			Transparency		
	Paper Size	—	A4*	Sets the size of paper in	17
			A5	the paper tray. (Legal is only available for some	
			10x15cm	countries.)	
			Letter		
			Legal		
	Advanced User	's Guide			
	The factory setting	s are shown in Bold	with an asterisk.		

С

Level1	Level2	Level3	Options	Descriptions	Page
General Setup	Volume	Ring	Off	Adjusts the ring volume.	9
Continued)			Low		
			Med*		
			High		
		Beeper	Off	Adjusts the beeper	10
			Low*	volume.	
			Med		
			High		
		Speaker	Off	Adjusts the speaker	10
		-	Low	volume.	
			Med*		
			High		
	Daylight Save		On*	Manually changes for	See ♦.
			Off	Daylight Savings Time.	
	LCD Settings	LCD Contrast		Adjust the contrast of the	-
	-			LCD.	
			*		
		Backlight	Light*	You can adjust the	10
			Med	brightness of the LCD	
			Dark	backlight.	
		Dim Timer	Off	You can set how long the	See ♦.
			10Secs	LCD backlight stays on for	
			20Secs	after the last key press.	
			30Secs*		
	Sleep Mode		1Min	You can choose how long	+
			2Mins	the machine will remain	
			3Mins	idle before it goes into Sleep mode.	
			5Mins*		
			10Mins		
			30Mins		
			60Mins		
			JULIIS		
	Advanced User' The factory actions				
	The factory setting	s are shown in Bold	with an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page
Fax	Setup Receive	Ring Delay	2 - 10 (2*)	Sets the number of rings	30
			(Example for Australia)	before the machine answers in Fax Only or Fax/Tel mode.	
		F/T Ring Time	20Secs	Sets the length of the fast	30
			30Secs*	double-ring time in Fax/Tel mode.	
			40Secs		
			70Secs		
			(For New Zealand)		
			20Secs		
	30Secs*				
			40Secs		
			55Secs		
	Fax DetectOn*Receives fax messages		31		
			Off	automatically when you answer a call and hear fax tones.	
		Remote Codes	On*	Allows you to answer all	41
			(*51, #51)	calls at an extension or external telephone and	
			(*91, #91 for New	use codes to turn the	
			Zealand)	machine on or off. You can personalize these	
			Off	codes.	
		Auto Reduction	On*	Cuts the size of incoming	See ♦.
			Off	faxes to fit the paper size.	
	Setup Speed Dial	Set Speed Dial	_	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	46
		Setup Groups	—	You can set up Group numbers for broadcasting.	See ♦.
	Advanced User	's Guide			
	The factory setting	s are shown in Bold	with an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page
Fax	Report Setting	Transmission	On	Choose the initial setup	27
(Continued)			On+Image	for Transmission Verification Report.	
			Off*		
			Off+Image		
		Journal Period	Off	Sets the interval for the	See 🔶.
			Every 50 Faxes*	automatic printing of the Fax Journal.	
			Every 6 Hours	If you have chosen an	
			Every 12 Hours	option other than Off or Every 50 Faxes, you	
			Every 24 Hours	can set the time for the	
			Every 2 Days	chosen option. If you have chosen	
			Every 7 Days	Every 7 Days, you can set the day of the week.	
	Remaining Jobs	—	_	Check which jobs are in the memory and cancel chosen jobs.	
	Miscellaneous	TX Lock	_	Prohibits most functions except receiving faxes.	
		Distinctive	Off*	Use with phone company	32
		(Not available in New Zealand and Taiwan)	On	distinctive ringing service allows you to have a voice number and fax number on the one phone line.	37
		FaxAbility	Off*	If you have FaxAbility	35
		(For New Zealand only)	On	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.	
		Call Waiting	On	If you have Call Waiting	36
		(For New Zealand only)	Off*	as well as FaxAbility, set the Call Waiting to on.	
	Advanced User'	s Guide			
	The factory setting	s are shown in Bold	with an asterisk.		

Menu and features

Network menu

Level1	Level2	Level3	Options	Descriptions	Page
Network	TCP/IP	BOOT Method	Auto*	Chooses the BOOT	See +.
			Static	method that best suits your needs.	
			RARP	,	
			BOOTP		
			DHCP		
		IP Address	[000-255].	Enter the IP address.	
			[000-255].		
			[000-255].		
			[000-255]		
		Subnet Mask	[000-255].	Enter the Subnet mask.	
			[000-255].		
			[000-255].		
			[000-255]		
		Gateway	[000-255].	Enter the Gateway	1
			[000-255].	address.	
			[000-255].		
			[000-255]		
		Node Name	BRWXXXXXXXXXXXX	Enter the Node name.	
		WINS Config	Auto*	Chooses the WINS	
			Static	configuration mode.	
		WINS Server	(Primary) 000.000.000.000	Specifies the IP address of the primary or	
			(Secondary) 000.000.000.000	secondary server.	
		DNS Server	(Primary)	Specifies the IP address	-
			000.000.000.000	of the primary or secondary server.	
			(Secondary) 000.000.000.000	Secondary server.	
		APIPA	On*	Automatically allocates	
			Off	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.	
	+ Network User's	Guide	1	1	1
		gs are shown in Bold	d with an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page
Network (Continued)	WPS w/PIN Code	_	_	You can easily configure your wireless network settings using WPS with a PIN code.	See +.
	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.	
	WLAN Enable	_	On	Lets you use the wireless	
			Off*	network connection.	
	Network Reset	_	_	Restore all network settings to factory default.	
	+ Network User's	Guide	•		
ß	The factory setting	s are shown in Bo	d with an asterisk	Χ.	

Menu and features

Menu (((continued)

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	XMIT Verify	—	—	Prints these lists and	See ♦.
	Quick Dial	—	Alphabetical Order	reports.	
			Numerical 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.	77
Initial Setup	Receive Mode	—	Fax Only*	Choose the Receive	28
			Fax/Tel	Mode that best suits your needs.	
			External TAD		
			Manual		
	Date&Time	_	-	Sets the date and time on the LCD and in the headings of the faxes you send.	See ‡.
	Station ID	_	Fax:	Enter your name and fax	
			Name:	number to appear on each page you fax.	
	Tone/Pulse	—	Tone*	Choose the dialling mode.	
	(Not available in New Zealand)		Pulse		
	Dial Tone	—	Detection	Turns Dial Tone Detection	76
			No Detection*	on or off.	
	Compatibility	—	Normal*	Adjusts the modem speed	76
			Basic(for VoIP)	to help resolve transmission problems.	
	Advanced User'	s Guide			
	‡ Quick Setup Gu	ide			
		s are shown in Bold	with an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page
Initial Setup (Continued)	Reset	Network	_	Resets the print server back to its factory settings, such as the password and IP address information.	77
		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 settings.	
		All Settings	—	Resets all the machine's settings back to the factory settings.	
	Local Language	—	English*	Always you to change the	See ♦.
	(Not available in		Spanish	LCD language for your country.	
	Australia and New Zealand)		(For Hong Kong and Taiwan)		
			Chinese*		
			English		
	Advanced User'	s Guide			
	‡ Quick Setup Gu	ide			
	The factory setting	s are shown in Bold	with an asterisk.		

FAX (📾)

Level1	Level2	Level3	Options	Descriptions	Page
Fax Resolution	—	—	Standard*	Sets the resolution for	See 🔶
			Fine	outgoing faxes.	
			S.Fine		
			Photo		
Contrast	—		Auto*	Changes the lightness or	
			Light	darkness of faxes you send.	
			Dark	oond.	
Speed Dial	Search	_	Alphabetical	You can dial by pressing	43
			Order	only a few keys (and Start).	
			Numerical Order		
	Set Speed Dial	_	_	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	46
	Setup Groups	_	-	You can set up Group numbers for broadcasting.	See 🔶
Outgoing Call	Send a fax	_	_	You can choose a number	44
	Add to Speed			from the Outgoing Call history and then send a	
	Dial			fax to it, add it to	
	Delete			Speed Dial, or delete it.	
Caller ID hist.	Send a fax	—	—	You can choose a number from the Caller ID history	45
	Add to Speed			and then send a fax to it,	
	Dial			add it to Speed Dial, or	
	Delete			delete it.	
Advanced Settings	Broadcasting	Add Number	_	You can send the same fax message to more than	See 🔶
2		Speed Dial	Alphabetical Order	one fax number.	
			Numerical Order		
		Complete			
	Real Time TX	_	On	You can send a fax	-
			Off*	without using the memory.	
	Overseas Mode		On	If you are having difficulty	1
			Off*	sending faxes overseas, set this to On.	
	Glass ScanSize	—	Letter	Sets the glass scan size	26
			A4*	for faxes.	
	•			•	

Level1	Level2	Level3	Options	Descriptions	Page
Set New Default	_	_	—	You can save your fax settings.	See ♦.
Factory Reset	—	—	—	You can restore all settings back to the factory default.	
	Advanced User'	s Guide			
	The factory setting	s 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 🗆 .
Scan to E-mail	_	—	_	You can scan a monochrome or a colour document into your E-mail application.	
Scan to OCR (Available after Presto! PageManager is downloaded and installed for Macintosh users. See Accessing Brother Support (Macintosh) ➤ page 5.)	_	_		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.	
Web Service	Scan	—	—	You can scan data by	
(Appears when you install Web	Scan for E-mail	—	—	using the Web Services protocol.	
Services	Scan for OCR	—	—		
Scanner, which is	Scan for Fax	—	—]	
displayed in your computer's Windows [®] Explorer.)	Scan for Print	_	-		
	□ Software User's	Guide			•
	The factory setting	s are shown in Bold	with an asterisk.		

Menu and features

COPY (

)

Level1	Level2	Level3	Options	Descriptions	Page
Quality	—	—	Fast	Choose the Copy	See 🔶
			Normal*	resolution for the next copy.	
			Best		
Paper Type	—	—	Plain Paper*	Choose the paper type	49
			Inkjet Paper	that matches the paper in the tray.	
			Brother BP71	alo ady.	
			Brother BP61		
			Other Glossy		
			Transparency		
Paper Size	—	—	A4*	Choose the paper size	49
			A5	that matches the paper in the tray. (Legal is only	
			10x15cm	available for some	
			Letter	countries.)	
			Legal		
Enlarge/Reduce	100%*	—	—	—	See 🔶
	Enlarge	—	198% 10x15cm→A4	You can choose the	-
			186% 10x15cm→LTR	enlargement ratio for the next copy.	
			141% A5→A4		
	Reduce	—	97% LTR→A4	You can choose the	
			93% A4→LTR	reduction ratio for the next copy.	
			83% LGL→A4		
			69% A4→A5		
			47% A4→10x15cm		
	Fit to Page	—	—	Your machine will adjust	
				the size automatically to the paper size you set.	
	Custom(25-400%)		1_	You can choose the	-
				enlargement or reduction	
				ratio for your type of document.	
Density	—	—		Adjusts the density of	1
				copies.	
			+2		
	Advanced User				
	The factory setting	s are shown in Bo	ld with an asterisk.		

С

Level1	Level2	Level3	Options	Descriptions	Page
Stack/Sort	—	_	Stack*	You can choose to stack	See ♦.
			Sort	or sort multiple copies.	
Page Layout	_	—	Off(lin1)*	You can make N in 1, 2 in	
			2in1(P)	1 ID, or Poster copies.	
			2inl(L)		
			2in1(ID)		
			4in1(P)		
			4in1(L)		
			Poster (2x1)		
			Poster (2x2)		
			Poster (3x3)		
Set New Default	—	—	—	You can save your copy settings.	
Factory Reset	_	_	_	You can restore all the settings back to the factory default.	
	Advanced User'	s Guide		•	•
	The factory setting	s are shown in Bold	with an asterisk.		

Speed Dial ($^{\square}_{\blacktriangle}$)

Level1	Level2	Level3	Options	Descriptions	Page		
Search	_	_	Alphabetical Order Numerical Order	You can search for names you have stored in the Speed Dial memory.	43		
Set Speed Dial	_	_	_	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	46		
Setup Groups	—	—	—	Sets up Group numbers for broadcasting.	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 history	Send a fax Add to Speed Dial Delete	_	_	You can choose a number from the Outgoing Call history and then send a fax to it, add it to Speed Dial, or delete it.	See ♦.	
Caller ID hist.	Send a fax Add to Speed Dial 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.		
	Advanced User'	s Guide				
	The factory settings are shown in Bold with an asterisk.					

Entering Text

When you are setting certain menu selections, such as the Station ID, you may need to enter text into the machine. Most dial pad keys have three or four letters printed on keys. The keys for 0, # and * do not have printed letters because they are used for special characters.

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	А	В	С	2	А
3	D	Е	F	3	D
4	G	Н	Ι	4	G
5	J	К	L	5	J
6	Μ	Ν	0	6	М
7	Р	Q	R	S	7
8	Т	U	V	8	Т
9	W	Х	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 ÄËÖÜÀÇÈÉ0 **Specifications**

General



This chapter provides a summary of the machines' specifications. For additional specifications visit <u>http://www.brother.com/</u> for details.

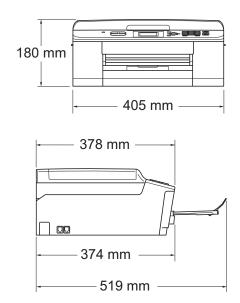
Printer Type	Inkjet				
Print Head	Mono:	Piezo with 210 nozzles \times 1			
	Colour:	Piezo with 210 nozzles \times 3			
Memory Capacity	40 MB				
LCD (Liquid Crystal Display)	1.9 in. (49.0 mm) S	TN Colour LCD			
Power Source	(Taiwan)				
	AC 100 to 120 V 50/60 Hz				
	(Other Countries)				
	AC 220 to 240 V 50/60 Hz				
Power Consumption ¹	(Taiwan)				
	Copying Mode:	Approx. 19 W ²			
	Ready Mode:	Approx. 5.5 W			
	Sleep Mode:	Approx. 2 W			
	Off:	Approx. 0.2 W			
	(India and Indonesia	a)			
	Copying Mode:	Approx. 20 W ²			
	Ready Mode:	Approx. 6 W			
	Sleep Mode:	Approx. 2.5 W			
	Off:	Approx. 0.45 W			
	(Other Countries)				
	Copying Mode:	Approx. 19 W ²			
	Ready Mode:	Approx. 5.5 W			
	Sleep Mode:	Approx. 2 W			
	Off:	Approx. 0.15 W			

¹ Measured when the machine is connected to the USB interface.

² When using ADF, resolution: standard / document: ISO/IEC 24712 printed pattern.

D

Dimension



Weight	9 kg				
Noise	Operating:	50 dB or less ¹			
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)			
ADF (automatic document feeder)	Up to 15 pages ² (Paper: 90 gsm A4 or Letter size)				
leeuer	Up to 20 pages with conditions ³				
Document Size	n 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 Noise depends on printing conditions.

² Using standard 64 to 90 gsm paper.

³ Using XEROX4200 75 gsm paper, temperature 20 - 26 °C, humidity 40 - 50% without condensation.

Print media

Paper Input	Paper Tray
	Paper type:
	Plain paper, inkjet paper (coated paper), glossy paper ¹ and transparency ^{1 2}
	■ Paper size ³ :
	A4, Legal ⁴ , Executive, Letter, A5, A6, Envelopes (commercial No.10, DL, C5, Monarch), Photo 10 \times 15 cm, Photo 2L 13 \times 18 cm, and Index Card 127 \times 203 mm
	Width: 98 mm - 215.9 mm
	Length: 148 mm - 355.6 mm
	For more details, see <i>Paper weight, thickness and capacity</i> ➤➤ page 21.
	Maximum paper tray capacity:
	Approx. 100 sheets of 80 gsm plain paper
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 tra machine to avoid smu	ansparencies, remove printed pages from the output paper tray immediately after they exit the dging.

- ² Use only transparencies recommended for inkjet printing.
- ³ See Paper type and size for each operation \rightarrow page 20.
- ⁴ Only available for some countries.

Fax

Compatibility	ITU-T Group 3
Modem Speed	Automatic Fallback
	14,400 bps
Scanning Width	ADF: 208 mm (A4)
	Scanner Glass: 204 mm (A4)
Printing Width	210 mm
Greyscale	Levels: 64 (B&W) / 256 (Colour)
Resolution	Standard
	203 × 98 dpi (Mono)
	$203 \times 196 \text{ dpi}$ (Colour)
	Fine
	203 imes 196 dpi (Mono/Colour)
	Superfine
	203 × 392 dpi (Mono)
	Photo
	203 × 196 dpi (Mono)
Speed Dial	40 stations
Groups	Up to 6
Broadcasting	90 (40 Speed Dial / 50 Manual Dial)
Automatic Redial	3 times at 5 minute intervals
Memory Transmission	Up to 170 ¹ pages
Out of Paper Reception	Up to 170 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.

Сору

Colour/Monochrome Copy Width Multiple Copies Enlarge/Reduce Resolution Yes/Yes Max. 210 mm Stacks/Sorts up to 99 pages 25% to 400% (in increments of 1%) Prints up to 1200 × 1200 dpi

D

Scanner

Colour/Monochrome	Yes/Yes
TWAIN Compliant	Yes (Windows [®] XP 1 /Windows Vista [®] /Windows [®] 7)
	Mac OS X 10.4.11, 10.5.x, 10.6.x ²
WIA Compliant	Yes (Windows [®] XP 1 /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)
Resolution	Up to 19200 \times 19200 dpi (interpolated) 3
	Up to 1200 $ imes$ 2400 dpi (optical) (Scanner Glass)
	Up to 1200 $ imes$ 600 dpi (optical) (ADF)
Scanning Width and Length	(Scanner Glass)
	Width: Up to 210 mm
	Length: Up to 291 mm
	(ADF)
	Width: Up to 210 mm
	Length: Up to 349.6 mm
Greyscale	256 levels

- ¹ Windows[®] XP in this User's Guide includes Windows[®] XP Home Edition, Windows[®] XP Professional, and Windows[®] XP Professional x64 Edition.
- ² For the latest driver updates for the Mac OS X you are using, visit us at <u>http://solutions.brother.com/</u>.
- 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 \times 6000 dpi
Printing Width ³	204 mm [210 mm (borderless) ¹]
Borderless ²	A4, Letter, A6, Photo 10 \times 15 cm, Index Card 127 \times 203 mm, Photo 2L 13 \times 18 cm

Print Speed ⁴

- ¹ When the Borderless feature is set to On.
- ² See Paper type and size for each operation >> page 20.
- ³ When printing on A4 size paper.
- ⁴ For detailed specifications visit <u>http://www.brother.com/</u>.

Interfaces

USB ¹²	A USB 2.0 interface cable that is no longer than 2 m.
Wireless LAN	IEEE 802.11b/g/n (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.

Computer requirements

		Supported		Processor			Hard Disk Space to install	
Computer Platform & Operating System Version		PC Software Functions	PC Interface	Minimum Speed	Minimum RAM	Recommended RAM	For Drivers	For Applications
Windows [®] Operating System	Windows [®] XP Home ¹⁴ Windows [®] XP Professional ¹⁴	Printing, PC Fax ³ , Scanning	USB, Wireless 802.11b/g/n	Intel [®] Pentium [®] II or equivalent	128 MB	256 MB	150 MB	1 GB
	Windows [®] XP Professional x64 Edition ¹⁴	-		64-bit (Intel [®] 64 or AMD64) supported CPU	256 MB	512 MB	150 MB	1 GB
	Windows Vista ^{® 1 4}			Intel [®] Pentium [®] 4	512 MB	1 GB	500 MB	1.3 GB
	Windows [®] 7 ¹⁴			or equivalent 64-bit (Intel [®] 64	1 GB (32 bit) 2 GB	1 GB (32 bit)	650 MB	1.3 GB
				or AMD64) supported CPU	2 GB (64 bit)	2 GB (64 bit)		
	Windows Server [®] 2003 (print only via network)	Printing	Wireless 802.11b/g/n	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	Mac OS X 10.4.11, 10.5.x	Printing, PC Fax	USB ² , Wireless	PowerPC G4/G5	512 MB	1 GB	80 MB	550 MB
System		Send ³ , Scanning	802.11b/g/n	Intel [®] Processor				
Mac OS X 10.6.x		Intel [®] Processor	1 GB	2 GB				

 1 For WIA, 1200 \times 1200 resolution. Brother Scanner Utility enables to enhance up to 19200 \times 19200 dpi.

² Third party USB ports are not supported.

³ PC Fax supports black and white only. (PC Fax Send is only supported.)

⁴ PaperPort[™]12SE supports Windows[®] XP Home (SP3 or greater), XP Professional (SP3 or greater), XP Professional x64 Edition (SP2 or greater), Windows Vista[®] (SP2 or greater) and Windows[®] 7. For the latest driver updates, visit us at http://solutions.brother.com/.

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Consumable items

Ink	The machine uses individual Black, Yellow, Cyan and Magenta ink cartridges that are separate from the print head assembly.
Service Life of Ink Cartridge	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 (80 % ¹). With all following ink cartridges you can print the specified number of pages.

Replacement Consumables

	(For other countries)	(For India and Indonesia)
Standard Yield Black	LC40BK	—
Standard Yield Yellow	LC40Y	—
Standard Yield Cyan	LC40C	—
Standard Yield Magenta	LC40M	—

Black, Yellow, Cyan and Magenta - Approximately 300 pages²

	(For other countries)	(For India and Indonesia)
High Yield Black	LC73BK	LC400BK
High Yield Yellow	LC73Y	LC400Y
High Yield Cyan	LC73C	LC400C
High Yield Magenta	LC73M	LC400M

Black, Yellow, Cyan and Magenta - Approximately 600 pages²

¹ For India and Indonesia: 65%

² Approx. cartridge yield is declared in accordance with ISO/IEC 24711.

For more information about the replacement consumables, visit us at <u>http://www.brother.com/pageyield/</u>.

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.



D

Network (LAN)

Note

For more information about the Network specifications >>Network User's Guide

LAN	Network Scann	ct your machine to a network for Network Printing, ing and PC Fax Send ¹ . Also included is Brother 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 100.

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

E Index

Α

ADF (automatic document feeder)	22
Answering machine (TAD)	39
connecting	39
Apple Macintosh	
See Software User's Guide.	
Automatic	
fax receive	28
Fax Detect	31

В

Brother	
CreativeCenter	4

С

Caller ID	36, 38
Caller ID history	45
Add to Speed Dial	
Delete	45
Send a fax	45
Cleaning	
print head	57
scanner	56
Connecting	
external TAD (answering machine)	39
external telephone	40
Consumable items	101
Control panel overview	6
ControlCenter	
See Software User's Guide.	
Сору	
paper size	49
paper type	49
using scanner glass	
Cordless telephone	
Custom telephone features on a single	
line	73

D

Dialling	
a pause	46
access codes and credit card	
numbers	46
Caller ID history	
manual	43
Outgoing Call	44
Speed Dial	43
Distinctive Ring	
turning off33,	38
turning on33,	37
Document	
loading22,	23

E_____

Envelopes	14,	20,	21
Error messages on LCD			59
B&W Print Only			59
Cannot Detect			60
Cannot Print			60
Comm. Error			60
Cover is Open			60
Data Remaining			
Document Jam			
DR Mode in Use			
Ink Absorber Full			61
Ink Absorber NearFull			61
Ink low			62
No Ink Cartridge			62
No Paper Fed			62
Not Registered		43,	62
Out of Memory			
Paper Jam			63
Unable to Clean			63
Unable to Init			
Unable to Print			
Unable to Scan			
Wrong Paper Size			63
Extension telephone, using			
External telephone, connecting			40

F

Fax codes	
changing	42
Remote Activation Code 31	, 41
Remote Deactivation Code	41
using	41
Fax Detect	
Fax, from PC	
See Software User's Guide.	
Fax, stand-alone	
receiving	28
difficulties	
F/T Ring Time, setting	30
Fax Detect	
from extension telephone	
Ring Delay, setting	30
telephone line interference / VoIP	
sending	
change scanner glass size	
colour fax	
difficulties	
telephone line interference / VoIP	76
Transmission Verification Report	
Fax/Tel mode	
answering at extension telephones	41
Remote Activation Code	
Remote Deactivation Code	
Ring Delay	
J 2100 J	

G

Gravecala		96	08
Gleyscale	••••••	90,	90

Н

Help	
LCD messages	78
Menu Table	79

Ink cartridge	es	
ink dot co	unter	53
replacing		53
Innobella™		101

J

Jacks FXT	
External telephone	40
Jams	
document	65
paper	66

L

LCD (Liquid Crystal Display)	78
Brightness	10

Μ

Macintosh See Software User's Guide.
Maintenance, routine
replacing ink cartridges53
Manual
dialling43
receive
Mode, entering
COPY6
FAX6
SCAN6
Multi-line connections (PABX)

N_____

Network
Printing
See Network User's Guide.
Scanning
See Software User's Guide.

0

On-screen programming	 78
Outgoing Call	
Add to Speed Dial	 44
Delete	 44
Send a fax	 44

P_____

Paper	
capacity	
loading	11, 14
loading envelopes and postcard .	14
printable area	16
size	
size of document	
type	
PaperPort™12SE with OCR	
See Software User's Guide. Also	see Help
in the PaperPort™12SE application	on.
Presto! PageManager	
See Software User's Guide. Also	see Help
in the Presto! PageManager appli	cation.
Print	
difficulties	69
paper jams	
printable area	
resolution	
specifications	
Printing	
0	
See Software User's Guide.	
Programming your machine	78

Q_____

46
46
43
46
43

R_____

Receive Mode External TAD	
Fax Only	
Fax/Tel	
Manual	
Redial/Pause	
Resolution	
сору	
fax	
print	
scan	
Ring Delay, setting	

S

Scanning See Software User's Guide. Serial Number how to findSee inside front cover	
Sockets	
EXT	
External telephone 40	
Speed Dial	
changing46	
setting up46	
using	

т

TAD (telephone answering device),		
external	.28,	39
connecting		39
Receive Mode		28
recording OGM		40
Telephone line		
connections		39
difficulties		72
interference / VoIP		76
multi-line (PABX)		40
Text, entering		92
special characters		
Transferring your faxes or		
Fax Journal report		64
Transparencies	21,	95

Troubleshooting	69
document jam	65
error messages on LCD	59
if you are having difficulty	
copying	73
document jam	
incoming calls	
Network	
printing	
printing received faxes	
scanning	
software	
telephone line or connections .	
maintenance messages on LCD	
paper jam	
р - р J	

U

Unscannable area24

V

Volume, setting	
beeper	10
ring	9
speaker	10

W

For Australia Only:

Support – For technical support of your Brother Product other than what you can resolve through the User's Guide, please visit our Web Site or Solutions Web Site (see below) to find an answer to FAQs/Troubleshooting, locating Drivers & Software.

Alternatively, please contact the Product Support Centre for any customer care/technical support enquiry.

To contact Brother International (Aust) Pty Ltd for support on a Brother product please see the details listed below:

Product Support Centre: Australia	a de la constante de
Brother International (Aust) Pty Lto	ł
Phone:	02 8875 6000
Fax:	02 9870 7223
Solutions Site:	http://solutions.brother.com/
Web Site:	www.brother.com.au
Email:	To submit an e-mail enquiry, visit <u>www.brother.com.au</u> go to Service and Support area and follow the prompts.

Our Technical Support Consultants are available 5 days a week by phone during the hours of 8.30am to 5.00pm (EST/EDST) 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 <u>www.brother.co.nz</u> 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 <u>www.brother.co.nz</u> under Online Help.



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

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