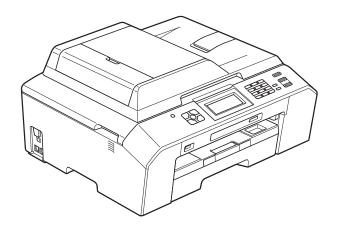


BASIC USER'S GUIDE



MFC-J5910DW

Version 0

UK/IRE/GEN

If you need to call Customer Service
Please complete the following information for future reference:
Model Number: MFC-J5910DW
Serial Number: ¹
Date of Purchase:
Place of Purchase:
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 to find them?

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, Scan and PhotoCapture Center™ operations and how to replace consumables. See troubleshooting tips.	Printed / In the box ¹
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, PhotoCapture Center™, Remote Setup, PC-Fax, 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 wired and 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 ²

¹ It may differ depending on your country.

² Visit us at http://solutions.brother.com/.

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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 Automatic Daylight Saving Time Sleep Mode LCD display Mode Timer

2 Security features

Secure Function Lock 2.0

3 Sending a fax

Additional sending options
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4 Receiving a fax

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5 Dialling and storing numbers

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A Routine maintenance

Cleaning and checking the machine Packing and shipping the machine

B Glossary

C Index

General information

Using the documentation

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

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

Bold Bold typeface identifies specific

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

Italics Italicized typeface emphasizes

an important point or refers you

to a related topic.

Courier New

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



WARNING

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



CAUTION

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



IMPORTANT

IMPORTANT indicates a potentially hazardous situation which, 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 for Fax, Copy, PhotoCapture Center™, 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.



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



- 4 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)

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



- 2 Double-click the **Documentation** icon.
- 3 Double-click your language folder.

- 4 Double-click **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)

■ 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 (Macintosh users)



Presto! PageManager must be downloaded and installed before use. For more information: *Accessing Brother* Support (Macintosh) >> page 3.

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 or wired 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:



- To access our website (http://www.brother.com/), click **Brother Home Page.**
- For the latest news and product support information (http://solutions.brother.com/), click **Brother Solutions Center.**
- To visit our website for original Brother Supplies (http://www.brother.com/original/), click Supplies Information.
- To access the Brother CreativeCenter (http://www.brother.com/creativecenter/) for FREE photo projects and printable downloads,
 - click Brother CreativeCenter.
- To return to the top menu, click **Back** or if you have finished, click Exit.

Accessing Brother Support (Macintosh)

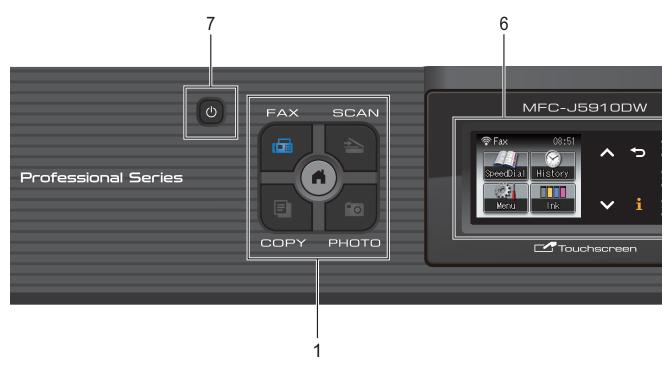
You can find all the contacts you will need, such as Web support (Brother Solutions Center) on the CD-ROM.

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

Control panel overview



1 Mode keys:

■ FAX

Lets you access the FAX mode.

■ SCAN

Lets you access the SCAN mode.

■ COPY

Lets you access the COPY mode.

■ РНОТО

Lets you access the PHOTO mode.

Lets you return to the Ready mode.

2 Telephone keys:

■ Redial/Pause

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

■ Tel/R

This key is used to have a telephone conversation after picking up the external handset during the F/T Ring (fast double-ring).

Also, when connected to a PBX, you can use this key to gain access to an outside line or to transfer a call to another extension.

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).



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 LCD (Liquid Crystal Display)

This is a Touchscreen LCD. You can access the menus and options by pressing buttons displayed on the screen.

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

7

You can turn the machine on and off.

Press (1) 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.

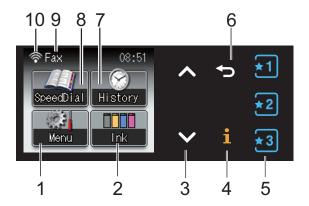
If you turn the machine off using the (1)



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.

LCD screen indications

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



1 Menu

Lets you access the main menu.

2 Ink

Lets you see the available ink volume. Also, lets you access the Ink menu.

3 ∧ or ∨

Press to display the previous or next page. The Up and Down arrow buttons do not light up when there is only one page.

4 **i**

If the Information button lights up, you can press it to view information about machine functions or error messages.

5 *1 *2 *3

Press to recall present Favourite settings. These buttons are always lit, even when you have not registered your Favourite settings. Press a Favourite button to display instructions about how to set up a Favourite.

6

Press to go back to the previous menu level.

7 History

Lets you view a list of outgoing calls and the Caller ID history.

Also, lets you send a fax to the number you have chosen from the lists.

8 SpeedDial

Lets you set up Speed Dial and Group numbers.

Also, you can search for the number you want to dial.

9 Current Receive Mode

Lets you see the current Receive Mode.

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

10 Wireless Status

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



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

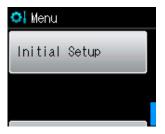
Basic Operations

To operate the Touchscreen, use your finger to press the Menu or option button directly on the Touchscreen. To display and access all the screen menus or options in a setting, press ∧ or ∨ to scroll through them.

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.

- 1 Press Menu.
- Press ∧ or ∨ to display
 Initial Setup.



- Openion of the second of th
- 4 Press ∧ or ∨ to display
 Receive Mode.



- 5 Press Receive Mode.
- 6 Press ∧ or ∨ to display Fax/Tel.
- 7 Press Fax/Tel.





Press to go back to the previous level.

8 Press Stop/Exit.

Favourite Settings

You can register the fax, copy and scan settings you use most often by setting them as your Favourite Settings. Later you can recall and apply these settings quickly and easily. You can register three Favourites.

The following settings can be included in a fax, copy or scan Favourite:

Сору

- Quality
- Paper Type
- Paper Size
- Enlarge/Reduce
- Density
- Stack/Sort
- Page Layout
- Duplex Copy
- Advanced Settings

Fax

- Address
- Fax Resolution
- Contrast
- Batch TX
- Real Time TX
- Overseas Mode
- Glass ScanSize

Scan (Scan to Media)

- Quality
- File Type
- File Name

Scan (Scan to Network)

Scan (Scan to FTP)

Registering Favourite Settings

- 1 Do one of the following:
 - Press 1, 2 or 3 where you haven't registered the Favourite settings.

Press Create New Favorite. Go to step 4.

- Press Menu.
 Go to step ②.
- Press ∧ or ∨ to display
 Favorite Settings.
 Press Favorite Settings.
- 3 Press a Favourite displayed as "-Blank-".



Each Favourite button will show the word "-Blank-" next to it before you register it.

- 4 Press Next to display the modes Copy, Fax and Scan.

Do one of the following.

- If you press Scan to Media, go to step 6.
- If you press Scan to Network or Scan to FTP, press ^ or ✓ to display the Profile Name, and then press it. Go to step ②.
- 6 Press or to display the available settings for the mode you chose in step ⑤, and then press the setting you want to store.

- Press or to display the available options for the setting, and then press the option you want to set.
 Repeat steps and until you have chosen all the settings for this Favourite.
- 8 When you finish, press OK.
- Press the buttons on the Touchscreen to enter a name for the Favourite. (For help entering letters: Entering Text
 ➤> page 120.)
 Press OK.
- To finish and register the settings for this Favourite, press Yes.
- 11 Press OK to confirm.
- 12 Press Stop/Exit.

Changing Favourite Settings

You can change the settings registered to a Favourite.

- 1 Press Menu.
- Press ∧ or ∨ to display
 Favorite Settings.
 Press Favorite Settings.
- 3 Press the Favourite (1, 2, or 3) you want to change.
- 4 Press Change, and then Yes to confirm.
- 5 Press or to display the available settings, and then press the setting you want to change.
- 6 Press ∧ or ∨ to display the available options, and then choose your new option.

Repeat steps **5** and **6** to change other settings as needed.

Press OK when you are finished changing settings.

- 8 To edit the name, hold down ☑ to delete the current name, and then enter a new name by pressing the buttons on the Touchscreen. (For help entering letters: Entering Text ➤➤ page 120.) Press OK.
- 9 To finish and register the settings for this Favourite, press Yes.
- 10 Press OK to confirm.
- 11 Press Stop/Exit.

Deleting Favourite Settings

You can delete a Favourite.

- 1 Press Menu.
- Press ∧ or ∨ to display
 Favorite Settings.
 Press Favorite Settings.
- 3 Press the Favourite (1, 2, or 3) that you want to delete.
- Press Delete to delete the Favourite that you chose in step 3.

 Press Yes to confirm.
- 5 Press Stop/Exit.

Recalling Favourite Settings



Buttons for each Favourite are always displayed on the screen. To recall a Favourite, simply press its button.

Volume Settings

Ring Volume

You can choose a range of ring volume levels, from High to Off. The machine will keep your new default setting until you change it.

Setting the Ring Volume from the menu

- 1 Press Menu.
- Press ∧ or ∨ to display General Setup.
- 3 Press General Setup.
- Press or to display Volume.
- 5 Press Volume.
- 6 Press or to display Ring.
- 7 Press Ring.
- 8 Press ∧ or ∨ to display Low, Med, High or Off, and then press the option you want to set.
- 9 Press Stop/Exit.

Beeper Volume

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

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

- 1 Press Menu.
- Press ∧ or ∨ to display General Setup.
- 3 Press General Setup.
- Press or to display Volume.
- 5 Press Volume.
- 6 Press or to display Beeper.
- 7 Press Beeper.
- 8 Press ∧ or ∨ to display Low, Med, High or Off, and then press the option you want to set.
- 9 Press Stop/Exit.

Speaker Volume

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

- 1 Press Menu.
- Press ∧ or ∨ to display
 General Setup.
- 3 Press General Setup.
- Press or to display Volume.
- 5 Press Volume.
- 6 Press ∧ or ∨ to display Speaker.
- 7 Press Speaker.
- 8 Press o or to display Low, Med, High or Off, and then press the option you want to set.
- 9 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.
- Press ∧ or ∨ to display
 General Setup.
- 3 Press General Setup.
- 4 Press ∧ or ∨ to display
 LCD Settings.
- 5 Press LCD Settings.
- 6 Press ∧ or ∨ to display Backlight.
- 7 Press Backlight.
- 8 Press ∧ or ∨ to display Light, Med or Dark, and then press the option you want to set.
- 9 Press Stop/Exit.

2

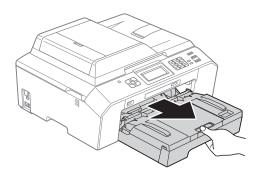
Loading paper

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.

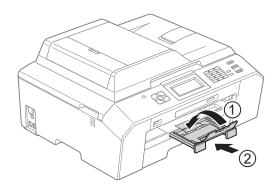


Pull the paper tray completely out of the machine.



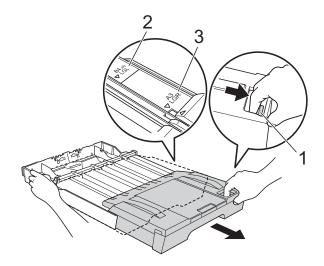


If the paper support flap (1) is open, close it, and then close the paper support (2).



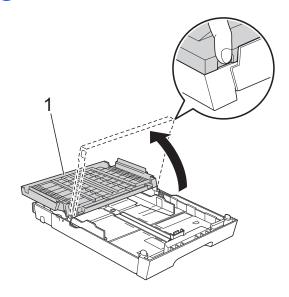


 When you are using A3, Legal or Ledger size paper, press the universal guide release button (1) as you slide out the front of the paper tray. Make sure that when using Legal or A3 or Ledger size paper, the triangular mark on the output paper tray cover is aligned with the line indicating Legal (2) or A3 or Ledger (3) size, as shown in the illustration.



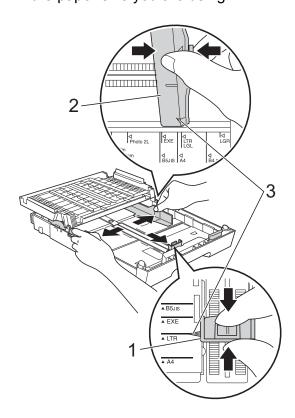
- If you are using A5 or smaller size paper, make sure that the paper tray is not extended.
- When you load a different paper size in a tray, you will need to change the paper size setting in the machine at the same time. (Paper Size ➤➤ page 18)

Open the output paper tray cover (1).

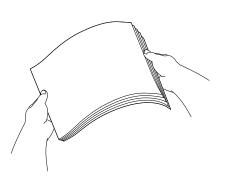


With both hands, gently press and slide the paper length guide (1) and then the paper side guides (2) to fit the paper size.

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



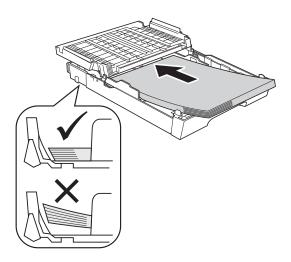
4 Fan the stack of paper well to avoid paper jams and misfeeds.





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

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.

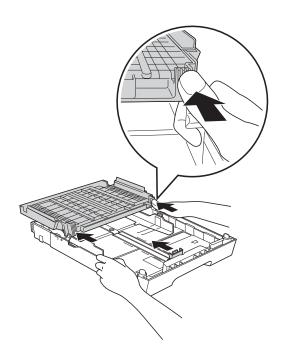


• IMPORTANT

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

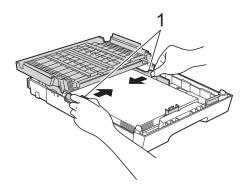
Note

- 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.
- When you put Photo L size into the paper tray, you need to release the hinges on both sides of the output paper tray cover, and push the cover over. And then slide the paper length guide.

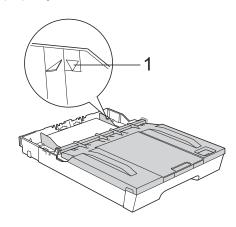


6 Gently adjust the paper side guides (1) to the paper using both hands.

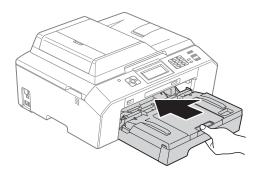
Make sure the paper side guides touch the sides of the paper.



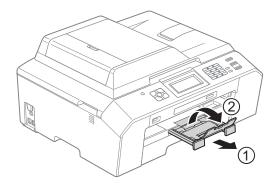
Close the output paper tray cover. Check that the paper is flat in the tray and below the maximum paper mark (1). Overfilling the paper tray may cause paper jams.



8 Slowly push the paper tray completely into the machine.

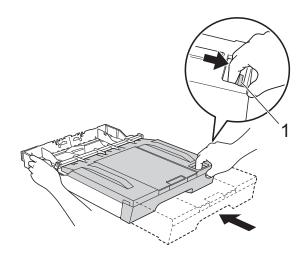


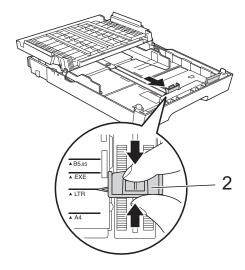
While holding the paper tray in place, pull out the paper support (1) until it clicks and unfold the paper support flap (2).





Before you shorten the tray, take the paper out of the tray. Then shorten the tray by pressing the universal guide release button (1). Adjust the paper length guide (2) to fit the paper size you are going to use. Then put the paper in the tray.





Loading envelopes and postcards

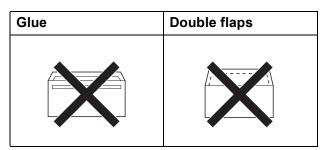
About envelopes

- Use envelopes that weigh between 80 to 95 g/m².
- 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.



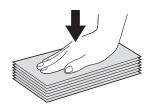
Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using.

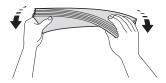
Loading envelopes and postcards

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

! IMPORTANT

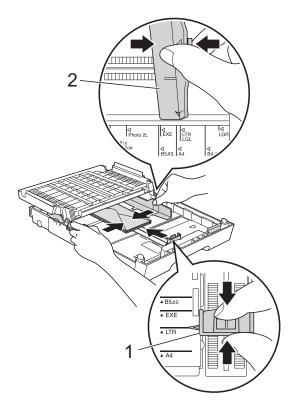
If envelopes or postcards are "double-feeding", put one envelope or postcard in the paper tray at a time.







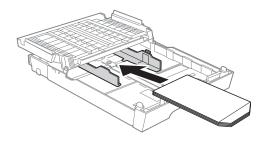
Put envelopes or postcards in the paper tray with the address side down. If the envelope flaps are on the long edge, load the envelopes with the flap on the left, as shown in the illustration. Load postcards with the leading edge in first. Using both hands, gently press and slide the paper length guide (1) and paper side guides (2) to fit the size of the envelopes or postcards.



Chapter 2

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

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



3 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)

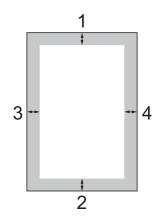
Printable area

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.

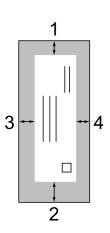
>>Software User's Guide: Printing (Windows®)

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

Cut-Sheet Paper



Envelopes



	Top (1)	Bottom (2)	Left (3)	Right (4)
Cut-Sheet	3 mm	3 mm	3 mm	3 mm
Cut-Sheet (Duplex print when using A3 or Ledger size)	22 mm	22 mm	3 mm	3 mm
Envelopes	22 mm	22 mm	3 mm	3 mm



The Borderless feature is not available for envelopes and duplex printing.

Paper settings

Paper Type

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

- 1 Press Menu.
- Press ∧ or ∨ to display General Setup.
- 3 Press General Setup.
- 4 Press ∧ or ∨ to display Paper Type.
- 5 Press Paper Type.
- 6 Press ∧ or ∨ to display Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy Or Transparency, and then press the option you want to set.
- 7 Press Stop/Exit.



The machine ejects paper with 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 seven sizes of paper for printing copies: A4, A5, A3, 10×15 cm, Letter, Legal and Ledger and five sizes for printing faxes: A4, A3, Ledger, Letter and Legal. When you change the size of paper you load in the machine, you will need to change the paper size setting at the same time so your machine can fit an incoming fax on the page.

- 1 Press Menu.
- Press ∧ or ∨ to display General Setup.
- 3 Press General Setup.
- 5 Press Paper Size.
- 6 Press ∧ or ∨ to display A4, A5, A3, 10x15cm, Letter, Legal or Ledger, and then press the option you want to set.
- 7 Press Stop/Exit.

Secure Paper Feed mode for A3 size Short Grain Paper

If your prints have horizontal lines when using A3 paper, your paper may be long grain paper. Set A3 - Short Grain to Off to avoid this problem.

- 1 Press Menu.
- Press ∧ or ∨ to display
 General Setup.
- 3 Press General Setup.
- 4 Press ∧ or ∨ to display
 A3 Short Grain.
- 5 Press A3 Short Grain.
- 6 Press off.
- 7 Press Stop/Exit.

Note

- If you are not sure about the type of paper you are using, consult the paper packaging or manufacturer for paper specifications.
- Printing will be slower when using the A3 Short Grain setting On.

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. (Paper Type ➤➤ page 18)
- When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
- When you use transparencies or photo paper, remove each sheet at once to prevent smudging or paper jams.
- Avoid touching the printed surface of the paper immediately after printing; the surface may not be completely dry and may stain your fingers.

Recommended print media

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

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

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

Brother paper

Paper Type	Item
A3 Plain	BP60PA3
A3 Glossy Photo	BP71GA3
A3 Inkjet (Matte)	BP60MA3
A4 Plain	BP60PA
A4 Glossy Photo	BP71GA4
A4 Inkjet (Matte)	BP60MA
10 × 15 cm Glossy Photo	BP71GP

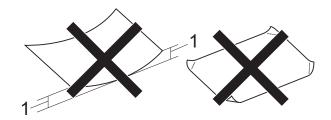
Handling and using print media

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

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 g/m² A4 paper.

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

Choosing the right print media

Paper type and size for each operation

Paper Type	Paper Size		Usage			
			Fax	Сору	Photo Capture	Printer
Cut-Sheet	A3	297×420 mm (11.7 \times 16.5 in.)	Yes	Yes	Yes	Yes
	A4	210 \times 297 mm (8.3 \times 11.7 in.)	Yes	Yes	Yes	Yes
	Ledger	$279.4 \times 431.8 \text{ mm} \text{ (11} \times 17 \text{ in.)}$	Yes	Yes	Yes	Yes
	Letter	$215.9 \times 279.4 \text{ mm} (8 \ 1/2 \times 11 \text{ in.})$	Yes	Yes	Yes	Yes
	Legal	$215.9 \times 355.6 \text{ mm} \ (8\ 1/2 \times 14 \text{ in.})$	Yes	Yes	_	Yes
	Executive	$184 \times 267 \; mm \; (7 \; 1/4 \times 10 \; 1/2 \; in.)$	_	_	_	Yes
	JIS B4	257 × 364 mm (10.1 × 14.3 in.)	_	_	_	User Defined
	JIS B5	182 × 257 mm (7.2 × 10.1 in.)	_	_	_	User Defined
	A5	148×210 mm (5.8 \times 8.3 in.)	_	Yes	_	Yes
	A6	105 × 148 mm (4.1 × 5.8 in.)	_	_	_	Yes
Cards		10 × 15 cm (4 × 6 in.)	_	Yes	Yes	Yes
		89×127 mm (3 1/2 \times 5 in.)	_	_	_	Yes
		13×18 cm (5 × 7 in.)	_	_	Yes	Yes
		127 \times 203 mm (5 \times 8 in.)	_	_	_	Yes
	Postcard 1	100×148 mm (3.9 \times 5.8 in.)	_	_	_	User Defined
	Postcard 2 (Double)	148 × 200 mm (5.8 × 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 \times 9 1/2 in.)	_	_	_	Yes
	Monarch	98×191 mm (3 7/8 \times 7 1/2 in.)	_	_	_	Yes
	Y4 Envelope	105 × 235 mm (4.1 × 9.3 in.)	_	_	_	User Defined
Transparencies	A4	210 × 297 mm (8.3 × 11.7 in.)	_	Yes	_	Yes
	Letter	$215.9 \times 279.4 \text{ mm} (8 1/2 \times 11 \text{ in.})$	_	Yes	_	Yes
	Legal	$215.9 \times 355.6 \text{ mm} (8 1/2 \times 14 \text{ in.})$	_	Yes	_	Yes
	A5	148 × 210 mm (5.8 × 8.3 in.)	_	Yes	_	Yes

Chapter 2

Paper weight, thickness and capacity

Paper Type		Weight	Thickness	No. of sheets
Cut-Sheet	Plain Paper	64 to 120 g/m ²	0.08 to 0.15 mm	250 ¹
	Inkjet Paper	64 to 200 g/m ²	0.08 to 0.25 mm	20
	Glossy Paper	Up to 220 g/m ²	Up to 0.25 mm	20 ²
Cards	Photo Card	Up to 220 g/m ²	Up to 0.25 mm	20 ²
	Index Card	Up to 120 g/m ²	Up to 0.15 mm	30
	Postcard	Up to 200 g/m ²	Up to 0.25 mm	30
Envelopes		75 to 95 g/m ²	Up to 0.52 mm	10
Transparen	cies	_	_	10

Up to 250 sheets of 80 g/m² paper.

² BP71 (260 g/m²) 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 35 pages and feeds each sheet individually. Use paper that is within the sizes and weights shown in the table below. Always fan the edges of the pages before placing them in the ADF.

Document Sizes and Weights

 Length:
 148 to 355.6 mm

 Width:
 148 to 215.9 mm

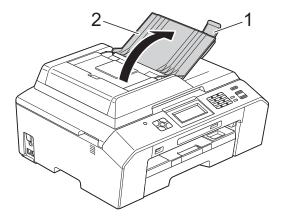
 Weight:
 64 to 90 g/m²

How to load documents

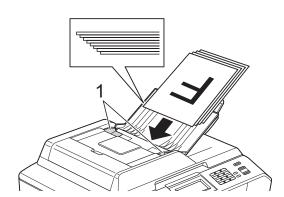
! IMPORTANT

- 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.

Make sure documents written with ink or modified with correction fluid are completely dry. 1 Lift up and unfold the ADF document output support flap (1). Unfold the ADF document support (2).



- 2 Fan the pages well.
- 3 Adjust the paper guides (1) to fit the width of your documents.



4 Place your documents, face up, top edge first in the ADF underneath the guides until you feel them touch the feed rollers.

The LCD will display ADF Ready.

!MPORTANT

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

Using the scanner glass

You can use the scanner glass to fax, copy or scan single pages or pages of a book.

Document Sizes Supported

Length: Up to 297 mm

Width: Up to 215.9 mm

Weight: Up to 2 kg

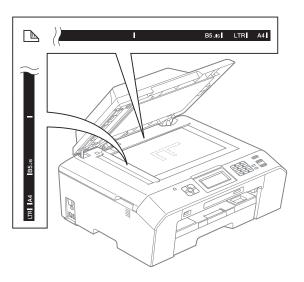
How to load documents

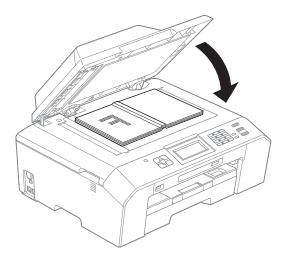


To use the scanner glass, the ADF must be empty.

1 Lift the document cover.

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





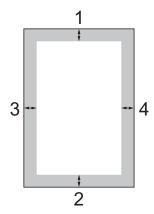
3 Close the document cover.

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	Top (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		

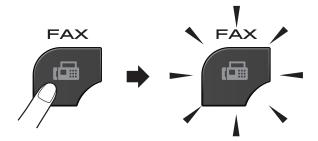
The unscannable area is 1 mm when you use the ADF.

Sending a fax

How to send a fax

The following steps show how to send a fax.

1 When you want to send a fax or change the settings for sending or receiving faxes, press the (FAX) key to illuminate it in blue.



■ The LCD shows:



- 2 Do one of the following to load your document:
 - Place the document face up in the ADF. (Using the ADF >> page 23)
 - Load your document face down on the scanner glass. (Using the scanner glass ➤➤ page 24)



- 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.

3 You can change the following fax-sending settings. Press FAX and then press Options. Press ∧ or ∨ to scroll through the fax settings. When the setting you want is displayed, press it and choose your option.

(Basic User's Guide)

For details about changing the following fax-sending settings ➤➤ pages 28 to 29.

- Glass ScanSize
- Colour Fax Transmission
- Transmission Verification Report (Setup)

(Advanced User's Guide)

For more advanced fax-sending operations and settings

>>Advanced User's Guide: Sending a

■ Contrast

fax

- Fax Resolution
- Set New Defaults
- Factory Reset
- Faxing at End of Call
- Broadcasting
- Real Time Transmission
- Overseas Mode
- Delayed Fax
- Batch Transmission
- Cancelling Waiting Jobs
- Polled Transmit

4 Enter the fax number.

Using the dial pad Using Speed Dial

■ SpeedDial

Using call history

- Outgoing
- Incoming
- 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 ⑤.
- If you pressed Colour Start, the LCD asks if you want to send a colour fax. Press Yes (ColorFax) to confirm. The machine starts dialling and sending the document.
- 6 When the LCD asks you Next Page?, do one of the following:
 - To send a single page, press
 No (Send) (or press Mono Start again).

The machine starts sending the document.

- To send more than one page, press 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.)

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.

- 1 Press (FAX).
- 2 Press Options.
- 3 Press ∧ or ∨ to display
 Glass ScanSize.
- 4 Press Glass ScanSize.
- 5 Press Letter (or A4).



- 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.
- 1 Press Menu.
- Press ∧ or ∨ to display Fax.
- 3 Press Fax.
- 4 Press ∧ or ∨ to display
 Report Setting.
- 5 Press Report Setting.
- 6 Press ∧ or ∨ to display XMIT Report.
- 7 Press XMIT Report.
- 8 Press A or V to display On, On+Image, Off or Off+Image, and then press the option you want to set.
- 9 Press Stop/Exit.



- 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. The image will not appear on the report when you send a colour fax.
 - (➤➤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".

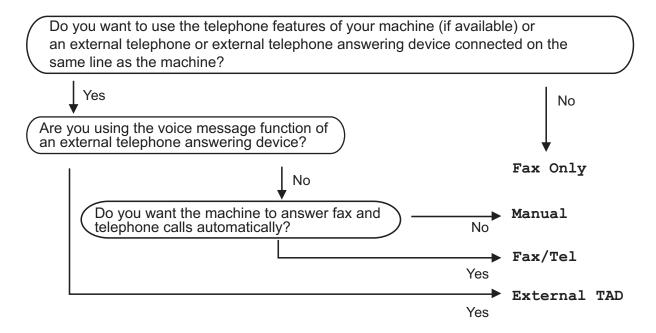
Receive Modes

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: *Using Receive Modes* ➤➤ page 32.



To set a receive mode follow the instructions below:

- Press Menu.
- Press ∧ or ∨ to display Initial Setup.
- Press Initial Setup.
- Press ∧ or ∨ to display Receive Mode.

5 Press Receive Mode.



If you cannot change the Receive Mode, make sure the BT Call Sign feature is set to Off. (>>Advanced User's Guide: To enable the machine to work with BT Call Sign (with your external telephone only))

- 6 Press ∧ or ∨ to display Fax Only, Fax/Tel, External TAD or Manual, and then press the option you want to set.
- 7 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. (*Ring Delay* >> page 33)

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.

(For more information: *F/T Ring Time* (*Fax/Tel mode only*) ➤➤ page 33 and *Ring Delay* ➤➤ page 33.)

Manual

Manual mode turns off all automatic answering functions unless you are using the BT Call Sign feature.

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

(For more information: Fax Detect ➤> page 34.)

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: Connecting an external TAD (telephone answering device)➤ page 37.)

Receive Mode settings

Ring Delay

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

(Operation from external and extension telephones ➤➤ page 39 and Fax Detect ➤➤ page 34)

- 1 Press Menu.
- Press or to display Fax.
- 3 Press Fax.
- 4 Press ∧ or ∨ to display
 Setup Receive.
- 5 Press Setup Receive.
- 6 Press ∧ or ∨ to display Ring Delay.
- 7 Press Ring Delay.
- 8 Press or to display the options, and then press the number of times the machine will ring before it answers. If you choose 0, the machine will answer immediately and the line will not ring at all.
- 9 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: *Using remote codes*>> page 41.)

- 1 Press Menu.
- Press ∧ or ∨ to display Fax.
- 3 Press Fax.
- 4 Press ∧ or ∨ to display Setup Receive.
- 5 Press Setup Receive.
- 6 Press ∧ or ∨ to display F/T Ring Time.
- 7 Press F/T Ring Time.
- 8 Press ∧ or ∨ to display the options, and then press how long the machine will ring to alert you that you have a voice call (20, 30, 40 or 70 seconds).
- 9 Press Stop/Exit.



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:

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 Receive to receive the fax.

If you answered at an extension or external telephone, press ★ **5 1**. (*Operation from external and extension telephones*➤ page 39)



- 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.
- If you send faxes from a computer on the same telephone line and the machine intercepts them, set Fax Detect to Off.
- 1 Press Menu.
- Press or to display Fax.
- 3 Press Fax.
- 4 Press ∧ or ∨ to display
 Setup Receive.
- 5 Press Setup Receive.
- 6 Press ∧ or ∨ to display Fax Detect.
- 7 Press Fax Detect.
- 8 Press On (or Off).
- 9 Press Stop/Exit.

6

Telephone and external devices

Voice operations

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 **Tel/R** 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 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.

Caller ID (U.K. and Ireland only)

The Caller ID feature lets you use the Caller ID subscriber service offered by many local telephone companies. Call your telephone company for details. This service shows the telephone number, or name if it is available, of your caller as the line rings.

After a few rings, the LCD shows the telephone number of your caller (and name, if available). Once you answer a call, the Caller ID information disappears from the LCD, but the call information stays stored in the Caller ID memory.

You can view the list or choose one of these numbers to fax to, add to Speed Dial, or delete from the history. (*Caller ID history*➤➤ page 44)

- The ID Unknown message means the call originated outside your Caller ID service area.
- The ID Withheld message means the caller has intentionally blocked the transmission of their information.

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

(➤➤Advanced User's Guide: *How to print a report*)



The Caller ID service varies with different carriers. Call your local telephone company to find out about the kind of service available in your area.

Setting the Caller ID to On

If you have Caller ID on your line, then this function should be set to On to display the caller's telephone number on the LCD as the telephone rings.

- 1 Press Menu.
- Press ∧ or ∨ to display Fax.
- 3 Press Fax.
- 4 Press ∧ or ∨ to display
 Miscellaneous.
- 5 Press Miscellaneous.
- 6 Press Caller ID.
- Press on (or off).
- 8 Press Stop/Exit.

Telephone services

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

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



Caller ID is available for U.K. and Ireland only.

Setting the Telephone Line Type

If you are connecting the machine to a line that features PBX or ISDN to send and receive faxes, it is also necessary to change the Telephone Line Type accordingly by completing the following steps.

- 1 Press Menu.
- Press ∧ or ∨ to display Initial Setup.
- 3 Press Initial Setup.
- 4 Press ∧ or ∨ to display
 Phone Line Set.
- 5 Press Phone Line Set.
- 6 Press Normal, PBX or ISDN.
- 7 Do one of the following:
 - If you choose PBX, go to step ⑧.
 - If you choose ISDN or Normal, go to step 1.

8 Press On or Always.



[°]Note

If you choose On, the machine dials a prefix number before the fax number you dial only when **Tel/R** is pressed. If you choose Always, the machine always automatically dials a prefix number before the fax number.

- 9 Press Dial Prefix.
- Enter the prefix number using the buttons on the LCD.
 Press OK.



- To access an outside line, press !.
- You can use the numbers 0 to 9, #, * and !.
 You cannot use! with any other numbers or characters.
- 11 Press Stop/Exit.

PBX and TRANSFER

The machine is initially set to Normal, which lets the machine connect to a standard PSTN (Public Switched Telephone Network) line. However, many offices use a central telephone system or Private Branch Exchange (PBX). Your machine can be connected to most types of PBX. The machine's recall feature supports timed break recall only (TBR). TBR will work with most PBX systems allowing you to gain access to an outside line, or transfer calls to another extension. The feature works when the R button on the LCD or the **Tel/R** key on the control panel is pressed.



You can program a press of the R button as part of a number stored in a Speed Dial location. When programming the Speed Dial number, press R first (the LCD shows '!'), then enter the telephone number. If you do this, you do not need to press **Tel/R** each time before you dial using a Speed Dial location. (*Storing numbers* ➤➤ page 45) However, if your Telephone Line Type is not set to PBX on the machine, you cannot use the Speed Dial location that the R is programmed into.

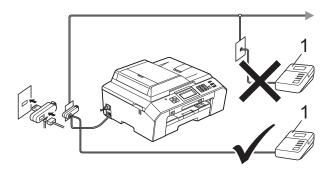
Connecting an external TAD (telephone answering device)

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 four 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.



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



1 TAD

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.
- Set the TAD to answer calls.
- Set the Receive Mode to External TAD. (Choose the Receive Mode ➤➤ page 30)

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.



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

Multi-line connections (PBX)

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

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

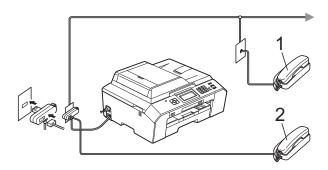


Make sure the Telephone Line Type is set to PBX. (Setting the Telephone Line Type **>>** page 36)

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

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



Please make sure you use an external telephone with a cable no more than 3 metres long.

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, 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 to take the call at an extension telephone. (F/T Ring Time (Fax/Tel mode only) >> page 33)

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

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

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



You can also use the Fax Detect feature to make your machine automatically take the call. (Fax Detect ➤➤ page 34)

Using extension telephones (U.K. only)

Your premises may already be wired with parallel extension telephones, or you may plan to add extension telephones to your line, as well as your machine. While the simplest arrangement is a straightforward parallel connection, there are some problems with this arrangement, the most obvious of which is inadvertent interruption of a facsimile transmission caused by someone picking up an extension telephone to make an outgoing call. Also, remote activation code may not operate reliably in such a simple configuration.

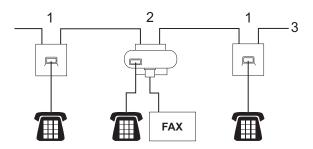
This machine may also be set to make a delayed transmission (i.e. a transmission at a pre-set time). This pre-set job may coincide with someone picking up an extension handset.

These problems can easily be eliminated, if you arrange modification of your extension wiring circuit, such that extension devices are connected "downstream" of your machine in a master/slave configuration (see fig. 2). In this configuration the machine can always detect whether a telephone is in use. Thus it will not attempt to seize the line during that time. This is known as "telephone off-hook detection."

The inadvisable configuration is shown in figure 1, and the recommended master/slave configuration is shown in figure 2.

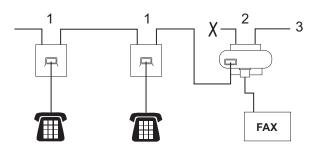
This new connection configuration can be arranged by contacting BT, Kingston upon Hull Telecommunications, your PBX maintainer or a qualified telephone installation company as appropriate. Simply explained, the extension telephone circuit should be terminated on a normal modular plug (BT 431A style), which in turn should be put into the modular socket of the white "T"-shaped connector provided as part of the line cord assembly.

Inadvisable connection of extension sockets (Fig. 1.)



- 1 Extension socket
- 2 Master socket
- 3 Incoming line

Recommended connection of extension sockets (Fig. 2.)



- 1 Extension socket
- 2 Master socket
- 3 Incoming line

The fax machine must be plugged into the master socket.



These telephones are now connected as external devices (*Connecting an external or extension telephone* ➤➤ page 39), because they are connected to the fax machine via the T-connector.

Using a cordless external telephone

Once the base unit of the cordless telephone has been connected to the same telephone line as the machine (*External and extension telephones* >> page 39), 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 **Tel/R** 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. Wait for the chirping sounds then replace the handset. (Fax Detect >> page 34)

If you answer a fax call at the external telephone, you can make the machine receive the fax by pressing **Mono Start** or **Colour Start** and 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 (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 **Tel/R**.

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. The preset Remote Deactivation Code is # 5 1. If you want to, you can replace them with your own codes.

- 1 Press Menu.
- Press or to display Fax.
- 3 Press Fax.
- 4 Press ∧ or ∨ to display
 Setup Receive.
- 5 Press Setup Receive.
- 6 Press ∧ or ∨ to display
 Remote Codes.
- 7 Press Remote Codes.
- 8 Press On.
- Do one of the following.
 - If you want to change the Remote Activation Code, enter the new code.
 - Press OK, go to step 10.
 - If you do not want to change the Remote Activation Code, press OK, go to step ...
- 10 Do one of the following.
 - If you want to change the Remote Deactivation Code, enter the new code.

Press OK, go to step 1.

- If you do not want to change the Remote Deactivation Code, press OK, go to step ①.
- Press Stop/Exit.



- 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.

7

Dialling and storing numbers

How to dial

Manual dialling

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



Speed Dialling

- 1 Press SpeedDial.
 You can also choose SpeedDial by
 pressing (FAX).
- 2 Do one of the following:
 - Press Alphabetical or Numerical, and then press the number you want to dial.
 - Press the 2-digit Speed Dial number using the dial pad.



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

- 3 To send a fax, press Send a fax and go to step 4.
- 4 Press Mono Start or Colour Start.
 The machine scans and sends the fax.

Fax Redial

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

- 1 Press Redial/Pause.
- 2 Press the number you want to redial.
- 3 Press Send a fax.
- 4 Press Mono Start or Colour Start.



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 History.
 You can also press Redial/Pause.
- Press the number you want.
- 3 Do one of the following:
 - To send a fax, press Send a fax.

 Press Mono Start or

 Colour Start.
 - If you want to store the number, press More and then press
 Add Speed Dial.
 - (➤➤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 More and then press Delete.

Press Yes to confirm.

Press Stop/Exit.

Caller ID history

This feature requires the Caller ID subscriber service offered by many local telephone companies. (*Caller ID (U.K. and Ireland only)* → page 35)

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.



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 History.
 You can also press Redial/Pause.
- 2 Press 🚺
- 3 Press the number or the name you want.
- 4 Do one of the following:
 - To send a fax, press Send a fax. Press Mono Start or Colour Start.
 - If you want to store the number, press More and then press Add Speed Dial.
 - (➤➤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 More and then press Delete.

Press Yes to confirm.

Press Stop/Exit.



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.



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

Storing a pause

When you are storing Speed Dial numbers, you can insert one or more 3.5 second pauses by pressing the PAUSE button on the Touchscreen.

Storing Speed Dial numbers

You can store up to 100 names and numbers in two-digit Speed Dial locations. You can store two numbers to each name. When you dial you will only have to press a few buttons on the screen (for example: press SpeedDial, the number you want to call and Send a fax).

- Press SpeedDial.
- If Speed Dial numbers have already been stored, press Alphabetical or Numerical.
- Press More.
- Press ∧ or ∨ to display Set Speed Dial.
- Press Set Speed Dial.

- Do one of the following:
 - Enter the name (up to 16 characters) by pressing the buttons on the screen.

Press OK.

(For help entering letters: Entering *Text* **>>** page 120.)

- To store the number without a name, press OK.
- Enter the first fax or telephone number (□□1:) by pressing the buttons on the Touchscreen (up to 20 digits). Press OK.



M Note

If you downloaded Internet Fax:

If you want to store an E-mail address to use with Internet fax or Scan to E-mail server, press Name and enter the E-mail address and press OK. (Entering Text **>>** page 120)

- 8 Do one of the following:
 - Enter the second fax or telephone number (□□2:) by pressing the buttons on the Touchscreen (up to 20 digits).

Press OK.

- If you do not want to store a second number, press OK.
- To choose where the number will be stored, do one of the following:
 - To accept the displayed next available Speed Dial location, press OK.
 - To enter a different Speed Dial location, press and then enter a 2-digit number using the buttons on the Touchscreen.

Press OK.



If the 2-digit Speed Dial location you choose is already taken, the $\bigcirc \mathbb{K}$ button on the LCD will not work. Choose a different location.

- When the LCD displays your settings, press OK to confirm.
- 11 Do one of the following:
 - To store another Speed Dial number, repeat steps 3 to 10.
 - To finish 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 SpeedDial.
- 2 Press Alphabetical or Numerical.
- 3 Press More.
- 4 Do one of the following:
 - Press or to display Change. Press Change to edit the names or numbers.
 - Press ∧ or ∨ to display Delete.

 Press Delete.

Choose the numbers you want to delete by pressing them to display a red check mark.

Press OK.

Press Yes to confirm.

Go to step 9.

- 5 Press ∧ or ∨ to display the number you want to change.
- 6 Press the number you want to change.

- Do one of the following:
 - If you want to change the name, press Name.
 Enter the new name (up to 16 characters) by pressing the buttons on the Touchscreen. (Entering Text >> page 120)

Press OK.

- If you want to change the first fax or telephone number, press □□1:. Enter the new fax or telephone number (up to 20 digits) by pressing the buttons on the Touchscreen. Press OK.
- If you want to change the second Fax/Tel number, press □□2:. Enter the new fax or telephone number (up to 20 digits) by pressing the buttons on the Touchscreen. Press OK.



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 ☒. Re-enter the character.

If you want to change a stored number, press repeatedly to delete the number. Enter the new number.

- 8 The LCD will display your settings. Do one of the following:
 - Press OK to finish.
 To change another Speed Dial location, repeat steps 6 to 8.
 - To change more details, go to **?**.
- 9 Press Stop/Exit.

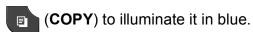
8

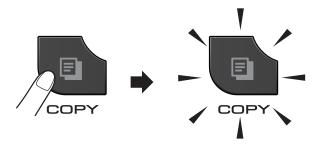
Making copies

How to copy

The following steps show the basic copy operation.

1 Make sure you are in copy mode, press





■ The LCD shows:



1 No. of Copies

You can enter the number of copies by pressing – or + on the screen (as shown above) or by using the dial pad.



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 up* in the ADF.

(Using the ADF ➤➤ page 23)

■ Place the document *face down* on the scanner glass.

(Using the scanner glass ➤> page 24)

- If you want more than one copy, enter the number (up to 99).
- 4 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 Options. Press
↑ or ▼ to scroll through the copy settings. When the setting you want is displayed, press it and choose your option.

(Basic User's Guide)

For details about changing the following copy settings ➤➤ page 48.

- 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
- Duplex Copy
- Ink Save Mode
- Thin Paper Copy
- Book Copy
- 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.

- 1 Press (COPY).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press Options.
- 6 Press ∧ or ∨ to display Paper Type.
- 6 Press Paper Type.

- Press ∧ or ∨ to display Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy Or Transparency, and then press the option you want to set.
- 8 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, A3, Photo (10×15 cm), Letter, Legal or Ledger paper.

- 1 Press (COPY).
- Load your document.
- 3 Enter the number of copies you want.
- 4 Press Options.
- 5 Press ∧ or ∨ to display Paper Size.
- 6 Press Paper Size.
- Press o or to display A4, A5, A3, 10x15cm, Letter, Legal or Ledger, and then press the option you want to set.
- 8 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

9

Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center™ operations (PHOTO mode)

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

You can scan documents and save them directly to a memory card or USB Flash memory drive. (How to scan to a memory card or USB Flash memory drive

>> page 53)

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

➤➤Software User's Guide: *PhotoCapture* Center[™] (Windows[®])

➤➤Software User's Guide: Remote Setup & PhotoCapture Center™ (Macintosh)

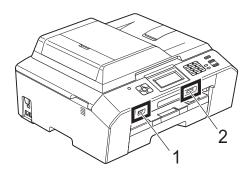
Using a memory card or USB Flash memory drive

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

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

Getting started

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



1 USB Flash memory drive



• IMPORTANT

The USB direct interface supports only a USB Flash memory drive, a PictBridge-compatible camera, or a digital camera that uses the USB mass storage as standard. Any other USB devices are not supported.

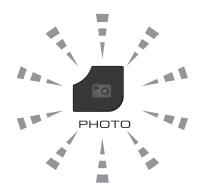
2 Memory card slot

Slot	Compatible memory cards	
Upper slot	4	Memory Stick™
		Memory Stick PRO™
	4	Memory Stick Duo™
		Memory Stick PRO Duo™
	₹	Memory Stick Micro™ (Adapter required)
Lower slot	4	SD Memory Card
		SDHC Memory Card
		SDXC Memory Card
		MultiMedia Card
		MultiMedia Card plus
		mini SD (Adapter required)
		mini SDHC (Adapter required)
		micro SD (Adapter required)
		micro SDHC (Adapter required)
		MultiMedia Card mobile (Adapter required)

IMPORTANT

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

PHOTO key indications:



- PHOTO light is on, the memory card or USB Flash memory drive is correctly inserted.
- PHOTO light is off, the memory card or USB Flash memory drive is not correctly inserted.
- PHOTO light is blinking, the memory card or USB Flash memory drive is being read or written to.

IMPORTANT

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

The machine can only read one device at a time.

Print Images

View Photos

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

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

Press (PHOTO).

- 2 Press View Photos.
- 3 Press ∧ or ∨ to display the photo you want to print.
- 4 Press + or to select the number of copies you want to print.
- 5 Repeat step 3 and 4 until you have chosen all the photos you want to print. Press OK.
- 6 You now have the following options.
 - If you want to change the print settings, press Options. (➤>Advanced User's Guide: PhotoCapture Center™ print settings)
 - If you do not want to change any settings, go to step 7.
- Press Colour Start to print.

PhotoCapture Center™ print settings

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

The machine returns to its default settings after 3 minutes, or if the Mode Timer returns the machine to Fax mode.

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



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



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

You can scan monochrome and colour documents onto a memory card or USB Flash memory drive. Monochrome documents will be stored in PDF (*.PDF) or TIFF (*.TIF) file formats. Colour documents may be stored in PDF (*.PDF) or JPEG (*.JPG) file formats. The factory setting is Color 200 dpi and the default file format is PDF. The machine automatically creates file names based on the current date. (>>Quick Setup Guide) For example, the fifth image scanned on July 1, 2011 would be named 01071105.PDF. You can change the colour and quality.

Quality	Selectable File Format	
Color 100 dpi	JPEG/PDF	
Color 200 dpi	JPEG/PDF	
Color 300 dpi	JPEG/PDF	
Color 600 dpi	JPEG/PDF	
B/W 100 dpi	TIFF/PDF	
B/W 200 dpi	TIFF/PDF	
B/W 300 dpi	TIFF/PDF	

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

! IMPORTANT

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

- 2 Load your document.
- 3 Press (SCAN).

- 4 Press ∧ or ∨ to display
 Scan to Media.
- 5 Press Scan to Media.
- 6 Press Options.
 Do one of the following:
 - To change the quality, press ∧ or ∨ to display Quality.

 Press Quality and choose

Color 100 dpi, Color 200 dpi, Color 300 dpi, Color 600 dpi,B/W 100 dpi, B/W 200 dpi **or** B/W 300 dpi.

- To change the file type, press or v
 to display File Type.

 Press File Type and choose PDF,
 JPEG or TIFF.
- If you want to change the file name, press or to display File Name. Press File Name and enter the file name.

You can only change the first 6 characters.

Press OK.

■ To start scanning without changing additional settings, go to step ②.



- If you chose colour in the resolution setting, you cannot choose the file type TIFF.
- If you chose monochrome in the resolution setting, you cannot choose the file type JPEG.
- Press Mono Start or Colour Start.

10 How to print from a computer

Printing a document

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

- ➤➤ Software User's Guide: *Printing* (Windows[®])
- >> Software User's Guide: *Printing and Faxing* (Macintosh)
- 1 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
- Click **OK**.
- 6 Click Print to begin printing.

11

How to scan to a computer

Scanning a document

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

- 1 To use the machine as a scanner, 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
- 2 Load your document. (How to load documents ➤➤ page 23)
 - 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.
- Oo 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

- 1 Press (SCAN).
- Press ∧ or ∨ to display the available scan modes, and then press the scan mode you want to use.
 - Scan to File
 - Scan to Media
 - Scan to Network
 - Scan to FTP
 - Scan to email
 - Scan to OCR ¹
 - Scan to Image
 - Web Service (Web Services Scan)²
 - (Macintosh users) Presto! PageManager must be downloaded and installed before use. For more information: Accessing Brother Support (Macintosh) >> page 3.
 - ² (Windows[®] users only) (➤➤Software User's Guide: Using Web Services for scanning on your network (Windows Vista[®] SP2 or later and Windows[®] 7))
- (For network users)
 Choose the computer you want to send the data to.
- Press Start to begin scanning.

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)
- 1 Start a scanning application and click the **Scan** button.
- 2 Adjust the settings such as Resolution, Brightness and Scan Type in the Scanner Setup dialog box.
- 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.

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.

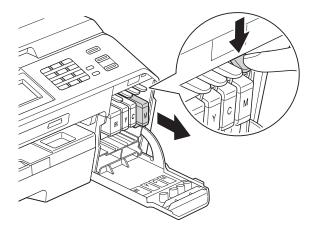
! IMPORTANT

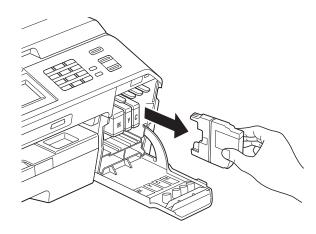
Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance and reliability when used with Brother Original ink cartridges. Brother cannot guarantee this optimum performance and reliability if ink or ink cartridges of other 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.

1 Open the ink cartridge cover.

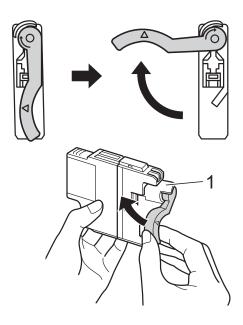
If one or more of the ink cartridges have reached the end of their life, the LCD shows B&W Print Only or Cannot Print.

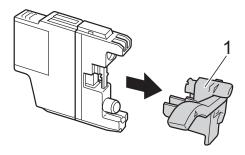
Press the lock release lever as shown to release the cartridge indicated on the LCD. Remove the cartridge from the machine.



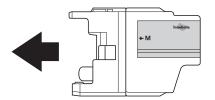


Open the new ink cartridge bag for the colour shown on the screen, and then take out the ink cartridge. Turn the green release lever on the orange protective packing (1) clockwise until it clicks to release the vacuum seal. Then remove the orange protective packing as shown.

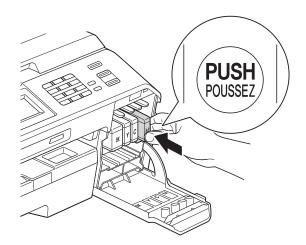




5 Each colour has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.



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



7 The machine will automatically reset the ink dot counter.



- 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 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 No.
- If the LCD shows No Ink Cartridge or Cannot Detect after you install the ink cartridge check that the ink cartridge is brand new Brother Original cartridge and that it is installed correctly. Remove the ink cartridge and reinstall it slowly until it clicks.

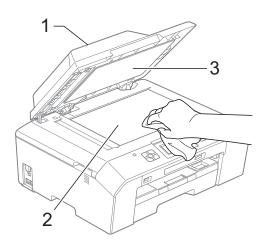
IMPORTANT

- DO NOT take out ink cartridges if you do not need to replace them. If you do so, it may reduce the ink quantity and the machine will not know the quantity of ink left in the cartridge.
- DO NOT touch the cartridge insertion slots. If you do so, the ink may stain your skin.
- If ink gets on your skin or clothing immediately wash it off with soap or detergent.
- If you mix the colours by installing an ink cartridge in the wrong position, clean the print head several times after correcting the cartridge installation.
- Once you open an ink cartridge, install it in the machine and use it up within six months of installation. Use unopened ink cartridges by the expiration date written on the cartridge package.
- DO NOT dismantle or tamper with the ink cartridge; this can cause the ink to leak out of the cartridge.

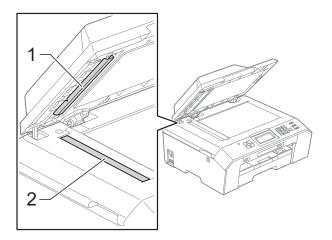
Cleaning and checking the machine

Cleaning the scanner glass

- 1 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.



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.





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.

A

Cleaning the print head

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

Clean the print head 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.

- 1 Press [IIII] (Ink).
- Press or to display Cleaning.
- 3 Press Cleaning.
- 4 Press ∧ or ∨ to display Black, Color or All, and then press the option you want to clean.

The machine cleans the print head. When cleaning is finished, the machine will go back to the Ready mode automatically.



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.

- 1 Press [Ink).
- Press or to display Test Print.
- 3 Press Test Print.
- 4 Press Print Quality.
- 5 Press Start.
 The machine begins printing the Print Quality Check Sheet.
- 6 Check the quality of the four colour blocks on the sheet.
- 7 The LCD asks you if the print quality is OK.

Do one of the following:

- If all lines are clear and visible, press Yes to finish the Print Quality check and go to step 1.
- If you can see missing short lines as shown below, press No.

OK Poor





- 8 The LCD asks you if the print quality is OK for black and then the three colours. Press Yes or No.
- 9 The LCD asks you if you want to start cleaning.

Press Yes.

The machine starts cleaning the print head.

10 After the cleaning procedure is finished, press Start.

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

11 Press Stop/Exit.

If you repeat this procedure at least five times and the print quality is still poor, replace the ink cartridge for the clogged colour.

After replacing the ink cartridge, check the print quality. If the problem still exists, repeat the cleaning and test print procedures at least five times for the new ink cartridge. If ink is still missing, call your Brother dealer.

! IMPORTANT

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





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 [IIII] (Ink).
- Press or to display Test Print.
- 3 Press Test Print.
- 4 Press Alignment.
- 5 Press 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).
- 7 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).
- 10 Press Stop/Exit.

B

Troubleshooting

Error and Maintenance messages

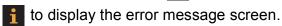
As with any sophisticated office product, errors may occur and consumable items may need to be replaced. If this happens, your machine identifies the error and shows an error message. The most common error and maintenance messages are shown below.

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

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



The information button (1) lights up when an error message appears on the screen. Press



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. (Replacing the ink cartridges >> page 57) Note The machine will stop all print operations, you can not use the machine until a new ink cartridge is installed in the following cases: If you unplug the machine or take out the ink cartridge. If the paper type is set to Other Glossy, Brother BP71 or Brother BP61. (Windows® users) If you check Slow Drying Paper in the Basic tab of the printer driver. (Macintosh users) If you check Slow Drying Paper in the Print Settings of the printer driver.
	monochrome mode for approximately four weeks depending on the number of pages you print. While this message appears on the LCD, each operation works in the following way: Printing If you choose Greyscale in the Advanced tab of the printer driver you can use the machine as a monochrome printer. Duplex print is not available when this message appears. Copying If the paper type is set to Plain Paper you can make	
	copies in monochrome. Duplex copy is not available when this message appears.	
	■ 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.	
BT Call Sign On (U.K. only)	BT Call Sign is set to ON. You cannot change the Receive Mode from Manual to another mode.	Set BT Call Sign to OFF. (➤➤Advanced User's Guide: BT Call Sign (U.K. only))

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. (Replacing the ink cartridges ➤> page 57)
Cannot Print Replace Ink	One or more of the ink cartridges have reached the end of their life. The machine will stop all print operations. While memory is available, monochrome faxes will be stored in the memory. If a sending machine has a colour fax, the machine's "handshake" will ask that the fax be sent as monochrome.	Replace the ink cartridges. (Replacing the ink cartridges ➤➤ page 57)
Comm.Error	Poor telephone line quality caused a communication error.	If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cover is Open	The scanner cover is not completely closed.	Lift the scanner cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Press Stop/Exit . The machine will cancel the job and clear it from the memory. Try to print again.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again. If calls are stopped repeatedly and you are using a VoIP (Voice over IP) system, try changing the Compatibility to Basic (for VoIP). (Telephone line interference / VoIP ➤➤ page 88)
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	(Using the ADF ➤➤ page 23) (Document jam ➤➤ page 72)
High Temperature	The print head is too warm.	Allow the machine to cool down.
Hub is Unusable.	A Hub or USB Flash memory drive with Hub has been connected to the USB direct interface.	Hubs, including USB Flash memory drives that have a hub built-in, are not supported. Unplug the device from the USB direct interface.

Error Message	Cause	Action
Ink Absorber Full	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 non-Brother supplies may not be covered under the stated product warranty.	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: 1 After a paper jam has been cleared, the machine automatically cleans itself before the next received fax is printed. 2 The machine automatically cleans itself after sitting idle for more than 30 days (infrequent use). 3 The machine automatically cleans itself after ink cartridges of the same colour have been replaced 12 times.
InkAbsorberNearFull	The ink absorber box or flushing box is nearly full.	Call Brother Customer Service / your Brother dealer.
Ink low	One or more of the ink cartridges are near the end of their life. If one of the colour ink cartridges is near the end of its life and someone is sending you a colour fax, 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. (Replacing the ink cartridges >> page 57)
Low Temperature	The print head is too cold.	Allow the machine to warm up.

Error Message	Cause	Action
Media Error	The memory card is either corrupted, incorrectly formatted, or there is a problem with the memory card.	Remove the memory card from the media drive (slot) of the machine and format it correctly.
		Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB Flash memory drive you are using has no available space or already contains 999 files.	Your machine can only save to your memory card or USB Flash memory drive if it contains less than 999 files. Delete unused files to free some space and try again.
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature call your telephone company. (Caller ID (U.K. and Ireland only) >> page 35)
No File	The memory card or USB Flash memory drive in the media drive does not contain a .JPG file.	Put the correct memory card or USB Flash memory drive into the slot again.
No Ink Cartridge	An ink cartridge is not installed correctly.	Take out the new ink cartridge and re-install it slowly until it clicks. (Replacing the ink cartridges >> page 57)

Error Message	Cause	Action
No Paper Fed	The machine is out of paper or paper is not correctly loaded in the paper tray.	Do one of the following:
		Refill the paper in the paper tray, and then press Mono Start or Colour Start.
		■ Remove the paper and load it again, and then press Mono Start or Colour Start. (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 74.
		If this error occurs often during duplex copying or duplex printing, the paper feed rollers may be stained with ink. Clean the paper feed rollers. (>>Advanced User's Guide: Cleaning the paper feed rollers)
	Paper dust has accumulated on the surface of the paper pick-up rollers and the back sides of the paper feed rollers.	Clean the paper pick-up rollers and the back sides of the paper feed rollers. (>>Advanced User's Guide: Cleaning the paper pick-up rollers)
	The Jam Clear Cover is not closed correctly.	Make sure the Jam Clear Cover is closed evenly at both ends. (<i>Printer jam or paper jam</i> ➤➤ page 74)
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. (Storing Speed Dial numbers ➤> page 45)
Out of Fax Memory	The fax memory is full.	Do one of the following:
		 ■ Clear the data in the memory. To gain extra memory, you can turn off Memory Receive. (➤➤Advanced User's Guide: Turning off Memory Receive operations)
		 ■ Print the faxes that are in the memory. (➤➤Advanced User's Guide: Printing a fax from the memory)

Error Message	Cause	Action
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.
	The memory card or USB Flash	Press Stop/Exit.
	memory drive you are using does not have enough free space to scan the documents.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.
Paper Jam [Front]	Paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Paper is jammed at the front of the machine</i> >> page 74.
		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.
PaperJam Front, Rear	Paper is jammed in the machine.	Remove the jammed paper by following the steps in Paper is jammed at the front and back of the machine >> page 75.
		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.
Paper Jam [Rear]	Paper is jammed in the machine.	Remove the jammed paper by following the steps in Paper is jammed at the back of the machine >> page 75.
		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.
	Paper dust has accumulated on the surface of the paper pick-up rollers and the back sides of the paper feed rollers.	Clean the paper pick-up rollers and the back sides of the paper feed rollers. (>>Advanced User's Guide: Cleaning the paper pick-up rollers)
Screen init. Fail	The Touchscreen was pressed before the power on initialization was completed.	Make sure that nothing is touching or resting on the Touchscreen.
	Debris may be stuck between the lower part of the Touchscreen and its frame.	Insert a piece of stiff paper between the lower part of the Touchscreen and its frame and slide it back and forth to push out the debris.

Error Message	Cause	Action
Unable to CleanXX Unable to Init.XX Unable to PrintXX Unable to ScanXX	The machine has a mechanical problem. —OR— A foreign object such as a paper clip or a piece of ripped paper is in the machine.	Open the scanner cover and remove any foreign objects and paper scraps from inside the machine. If the error message continues, disconnect the machine from the power for several minutes and reconnect it. (The machine can be turned off for approximately 24 hours without losing faxes stored in the memory. Transferring your faxes or Fax Journal report >> page 71)
Unusable Device Disconnect device from front connect or & turn machine off & then on Unusable Device	A broken device has been connected to the USB direct interface. A USB device or USB Flash memory	Unplug the device from the USB direct interface, then press to turn the machine off and then on again. Unplug the device from the USB direct
Please Disconnect USB Device.	drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com/ .	interface. Turn the machine off and then on again.
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.	 Check that the paper size you choose matches the size of paper in the tray. Make sure you loaded the paper in a Portrait position, by setting the paper guides at the indicators for your paper size. 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 or to your PC. (*Transferring faxes to another fax machine*➤> page 71 or *Transferring faxes to your PC*>> page 71)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (*Transferring the Fax Journal report to another fax machine* ➤➤ page 72)

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))

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- 2 Press Menu.
- 3 Press ∧ or ∨ to display Service.
- 4 Press Service.
- 5 Press Data Transfer.
- 6 Press Fax Transfer.

- 7 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.
- 8 Press Mono Start.

Transferring faxes to your PC

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

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- Make sure you have installed MFL-Pro Suite on your PC, and then turn on PC-FAX Receiving on the PC. (➤➤Software User's Guide: PC-FAX receiving)
- Make sure you have set PC-Fax Receive on the machine. (➤➤Advanced User's Guide: PC-Fax Receive (Windows® only)) If faxes are in the machine's memory when you set up PC-Fax Receive, the LCD will ask if you want to transfer the faxes to your PC.
- 4 Do one of the following:
 - To transfer all faxes to your PC, press Yes. You will be asked if you want to also turn on the backup print option.
 - To exit and leave the faxes in the memory, press No.
- 5 Press Stop/Exit.

Transferring the Fax Journal report to another fax machine

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

(➤➤Quick Setup Guide: Enter personal information (Station ID))

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- Press Menu.
- 3 Press or v to display Service.
- 4 Press Service.
- 5 Press Data Transfer.
- 6 Press Report Trans.
- 7 Enter the fax number to which the Fax Journal report will be forwarded.
- 8 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

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



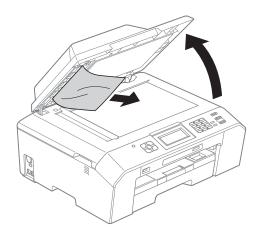
- 4 Close the ADF cover.
- 5 Press Stop/Exit.

!MPORTANT

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

Document is jammed inside the ADF unit

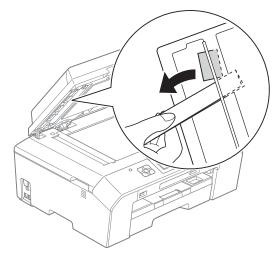
- 1 Take out any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3 Pull the jammed document out to the right.



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

Removing small documents jammed in the ADF

- Lift the document cover.
- Insert a piece of stiff paper, such as cardstock, into the ADF to push any small paper scraps through.



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

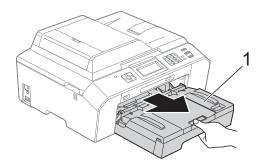
Printer jam or paper jam

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

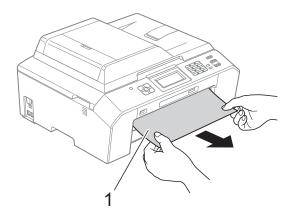
Paper is jammed at the front of the machine

If the LCD shows Paper Jam [Front],
follow these steps:

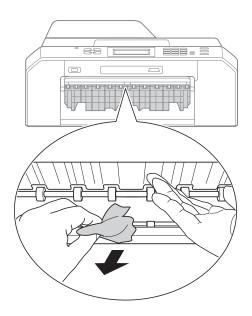
- 1 Unplug the machine from the electrical socket.
- Pull the paper tray (1) completely out of the machine.



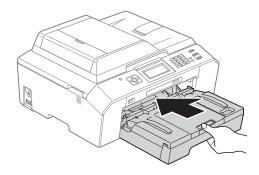
3 Pull out the jammed paper (1).



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



5 Put the paper tray firmly back in the machine.





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

6 Re-connect the power cord.

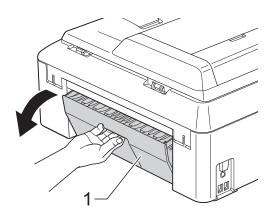


If there is a repeat paper jam, a small piece of paper may be stuck in the machine. (Additional paper jam clear operations ➤➤ page 78)

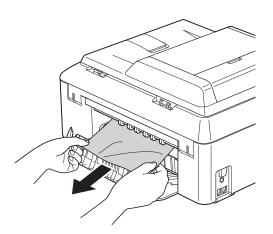
Paper is jammed at the back of the machine

If the LCD shows Paper Jam [Rear],
follow these steps:

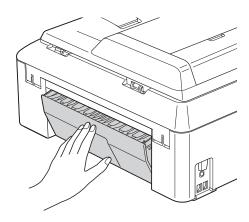
- 1 Unplug the machine from the electrical socket.
- Open the Jam Clear Cover (1) at the back of the machine.



3 Pull the jammed paper out of the machine.



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

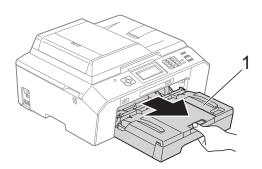


6 Re-connect the power cord.

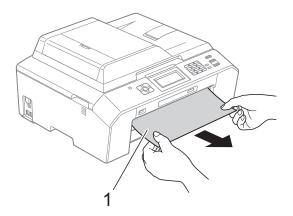
Paper is jammed at the front and back of the machine

If the LCD shows PaperJam Front, Rear,
follow these steps:

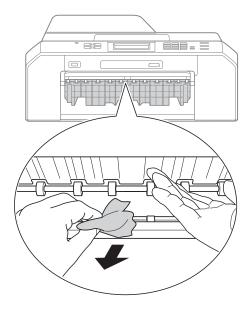
- 1 Unplug the machine from the electrical socket.
- 2 Pull the paper tray (1) completely out of the machine.



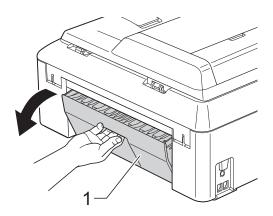
3 Pull out the jammed paper (1).



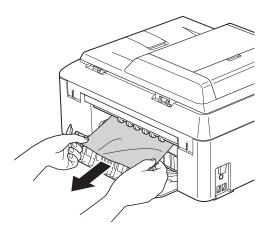
4 Lift the Flap, and remove the jammed paper.
(With tray removed, go to step **6**.)



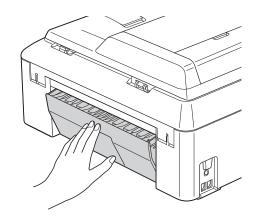
5 Open the Jam Clear Cover (1) at the back of the machine.



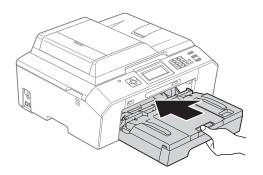
6 Pull the jammed paper out of the machine.



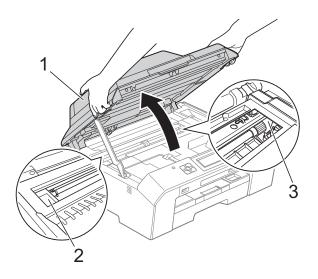
7 Close the Jam Clear Cover. Make sure the cover is closed correctly.



8 Put the paper tray firmly back in the machine.

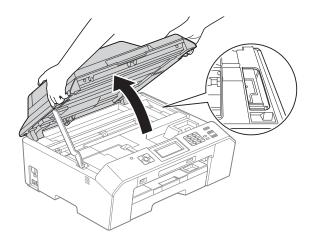


9 Using both hands, use the finger holds on each side of the machine to lift the scanner cover (1) into the open position. Move the print head (if necessary) to take out any paper remaining in this area. Make sure that jammed paper is not left in the corners of the machine (2) and (3).

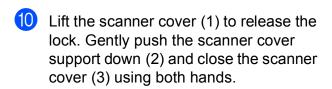


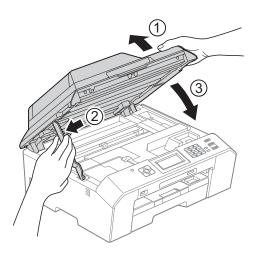
IMPORTANT

- 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 the print head. 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.







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

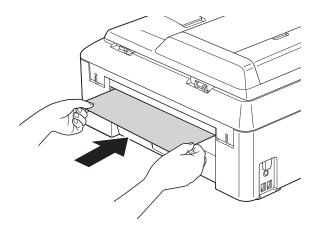
11 Re-connect the power cord.

Note

If there is a repeat paper jam, a small piece of paper may be stuck in the machine. (Additional paper jam clear operations >> page 78)

Additional paper jam clear operations

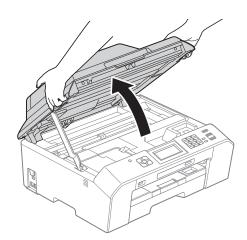
1 Prepare one sheet of thick A4 or letter sized paper, such as glossy paper, and insert it into the machine in the landscape orientation through the opening as shown, until you feel it grab the paper.



Note

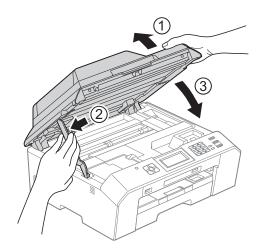
We recommend you use glossy paper.

2 Using both hands, use the finger holds on each side of the machine to lift the scanner cover into the open position.



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

The paper you inserted will be fed through the machine and ejected.



Troubleshooting

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

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

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout.	Check the interface cable or wireless connection on both the machine and your computer. (>>Quick Setup Guide)
	Check that the machine is plugged in and that the key is on.
	One or more ink cartridges have reached the end of their life. (Replacing the ink cartridges ➤➤ page 57)
	Check to see if the LCD is showing an error message. (Error and Maintenance messages ➤➤ page 63)
	If the LCD shows Cannot Print and Replace Ink, <i>Replacing the ink</i> cartridges ➤➤ page 57.
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. (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. (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® 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.
	The document will not print if the old, unprinted data remains in the printer driver spooler. Open the printer icon, and then delete all the data. Your printer icon can be found in the following way:
	(Windows [®] 7)
	Click Printers/Printers and Faxes.
	(Windows Vista®)
	Click Control Panel/Hardware and Sound/Printers.
	(Windows® XP) Click Start/Control Panel/Printers and Other Hardware/Printers and Faxes. (Macintosh) Click System Preferences/Print & Fax.

Printing (continued)

Difficulty	Suggestions
Poor print quality.	Check the print quality. (Checking the print quality ➤➤ page 61)
	Make sure that the Media Type setting in the printer driver or the Paper Type setting in the machine's menu matches the type of paper you are using. Paper Type >> page 18
	➤➤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.
	Make sure you are using one of the recommended types of paper. (Acceptable paper and other print media ➤➤ page 19)
	The recommended environment for your machine is between 20 °C to 33 °C.
White horizontal lines appear in text	Clean the print head. (Cleaning the print head ➤➤ page 61)
or graphics.	Make sure you are using Brother Original Innobella™ ink.
	Try using the recommended types of paper. (Acceptable paper and other print media ➤➤ page 19)
The machine prints blank pages.	Clean the print head. (Cleaning the print head ➤➤ page 61)
	Make sure you are using Brother Original Innobella™ ink.
Characters and lines are blurred.	Check the printing alignment. (Checking the print alignment ➤➤ page 62)
Printed text or images are skewed.	Make sure the paper is loaded correctly in the paper tray and the paper side guides are adjusted correctly. (Loading paper and other print media ➤➤ page 11)
	Make sure the Jam Clear Cover is closed correctly.
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 19)
Printing appears dirty or ink seems to run.	Make sure you are using the recommended types of paper. (Acceptable paper and other print media ➤➤ page 19) 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. (Loading paper and other print media ➤➤ page 11)
	Make sure the paper feed rollers are not dirty with ink. (>>Advanced User's Guide: Cleaning the paper feed rollers)
The machine prints dense lines on the page.	(Windows [®] users only) Check Reverse Order in the Basic tab of the printer driver.

Printing (continued)

Difficulty	Suggestions
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: Printing (Windows®) >>Software User's Guide: Printing and Faxing (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: Cleaning the paper pick-up rollers)
Machine feeds multiple pages.	Make sure the paper is loaded correctly in the paper tray. (Loading paper and other print media ➤➤ page 11)
	Make sure the paper support is pulled out until it clicks and the paper support flap is unfolded. (Step ⑤ : Loading paper and other print media ➤➤ page 11.)
	Make sure the Jam Clear Cover is closed correctly. (Step ♠: Paper is jammed at the back of the machine ➤➤ page 75.)
	Make sure the Base Pad in the paper tray is not dirty. (➤➤Advanced User's Guide: Cleaning the paper pick-up rollers)
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. (<i>Printer jam or paper jam</i> → page 74)
The paper jams when you use duplex copy or duplex print.	Use one of the jam prevention settings, Duplex1 or Duplex2. For copying ➤➤Advanced User's Guide: Duplex (2-sided) copying
	For printing ➤➤ Software User's Guide: Duplex / Booklet (Windows®) ➤➤ Software User's Guide: Duplex Printing (Macintosh)
	If paper jams occur often during duplex copying or duplex printing, the paper feed rollers may be stained with ink. Clean the paper feed rollers. (>>Advanced User's Guide: Cleaning the paper feed rollers)
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (Loading paper and other print media ➤➤ page 11)

Printing (continued)

Difficulty	Suggestions
Machine does not print from Adobe [®] Illustrator [®] .	Try to reduce the print resolution. >>Software User's Guide: Printing (Windows®) >>Software User's Guide: Printing and Faxing (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. (<i>Paper Type</i> ➤➤ page 18)
	If you use glossy photo paper, make sure that the paper type setting is correct.
Prints appears dirty or the paper	(PC print for Windows [®] user)
jams when using A3 paper.	Select A3 (Long Grain) size paper in Paper Size in the Basic tab of the printer driver.
	■ Check Slow Drying Paper in the Basic tab of the printer driver.
	(PC print for Macintosh user)
	■ Select A3 (Long Grain) size paper in Paper Size of the printer driver.
	Select Print Settings from drop-down list and then check Slow Drying Paper of the printer driver.
	(Copy)
	■ Turn on A3 - Short Grain setting in General Setup. (Secure Paper Feed mode for A3 size Short Grain Paper >> page 19)
	■ Adjust the copy density to make copies lighter. (➤➤Advanced User's Guide: Adjusting Density)

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. (Replacing the ink cartridges >> page 57)
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. (No dial tone)	Make sure the machine is plugged in and turned on.
	Check the line cord connections.
	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.

Telephone Line or Connections (continued)

Difficulty	Suggestions
The machine does not answer when called.	Make sure the machine is in the correct Receive Mode for your setup. (Choose the Receive Mode ➤➤ page 30) Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If there is no ringing when you call your machine, ask your telephone company to check the line.

Receiving Faxes

Difficulty	Suggestions
Cannot receive a fax.	If you connect your machine to PBX or ISDN, set the menu setting of Telephone
	Line Type to your telephone type. (Setting the Telephone Line Type ➤➤ page 36)

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 of the machine.
	Make sure that the FAX key is illuminated.
	Ask the other party to check that the receiving machine has paper.
	Print the Transmission Verification Report and check for an error. (>>Advanced User's Guide: Reports)
Transmission Verification Report says "RESULT:ERROR".	There is probably temporary noise or static on the line. Try sending the fax again. If you send a PC FAX message and get "RESULT:ERROR" on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Memory Receive (>>Advanced User's Guide: Turning off Memory Receive operations), print fax messages from the machine's memory (>>Advanced User's Guide: Printing a fax from the memory), or cancel a Delayed Fax or Polling Job. (Cancelling a fax in progress >> page 28) (>>Advanced User's Guide: Checking and cancelling waiting jobs) 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 machine's Compatibility setting to Basic (for VoIP). (Telephone line interference / VoIP >> page 88)
	If you connect your machine to PBX or ISDN, set the menu setting of Telephone Line Type to your telephone type. (Setting the Telephone Line Type ➤➤ page 36)
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. (Cleaning the scanner glass >> page 60)
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. (<i>Cleaning the scanner glass</i> ➤➤ page 60)

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. (Fax Detect >> page 34)

Handling Incoming Calls (continued)

Difficulty	Suggestions
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). If you answered on an external telephone, press Start to receive the fax. When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes.
	For example: If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM (Error Correction Mode) feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, a separate telephone line with no custom features is recommended.

Copying Difficulties

Difficulty	Suggestions
Cannot make a copy.	Make sure that the COPY key is illuminated.
Poor copy results when using the ADF.	Try using the scanner glass. (<i>Using the scanner glass</i> ➤➤ page 24)
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. (<i>Cleaning the scanner glass</i> → page 60)
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®)	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.
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: Scanning a document using the ICA driver (Mac OS X 10.6.x)
Poor scanning results when using the ADF.	Try using the scanner glass. (<i>Using the scanner glass</i> ➤➤ page 24)
OCR does not work.	Try increasing the scanner resolution.
	(Macintosh users)
	Presto! PageManager must be downloaded and installed before use. For more information: Accessing Brother Support (Macintosh) >> page 3.

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.

PhotoCapture Center™ Difficulties

Difficulty	Suggestions
Removable Disk does not work correctly.	Take out the memory card or USB Flash memory drive and put it back in again.
	2 If you have tried "Eject" from within Windows [®] , take out the memory card or USB Flash memory drive before you continue.
	3 If an error message appears when you try to eject the memory card or USB Flash memory drive, it means the card is being accessed. Wait a while and then try again.
	4 If all of the above do not work, turn off your PC and machine, and then turn them on again.
Cannot access Removable Disk from Desktop icon.	Make sure that you have correctly inserted the memory card or USB Flash memory drive.
Part of my photo is missing when printed.	Make sure that Borderless printing and Cropping are turned off. (>>Advanced User's Guide: Borderless printing and Cropping)

Network Difficulties

Difficulty	Suggestions
Cannot print over the network.	Make sure that your machine is powered on and is online and in the Ready mode. Print a Network Configuration Report (>>Advanced User's Guide: Reports) and check the current Network settings printed in this list. Reconnect the LAN cable to the hub to verify that the cabling and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. If the connections are good, the machine shows LAN Active for 2 seconds. If you are using a wireless connection or are having Network problems >>Network User's Guide: Troubleshooting

Network Difficulties (continued)

Difficulty	Suggestions
The network scanning feature does 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 only)
	Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the model list in ControlCenter2.
The network PC-Fax Receive	(Windows [®] users only)
feature does not work.	It is necessary to set the third-party Security/Firewall Software to allow PC-FAX Rx. To add port 54926 for Network PC-FAX Rx, enter the information below:
	In Name: Enter any description, for example Brother PC-FAX Rx.
	In Port number: Enter 54926.
	In Protocol: UDP is selected.
	Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.
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 Menu, and then press ∧ or ∨ to display Print Reports. Press Print Reports. Press ∧ or ∨ to display WLAN Report, and then press WLAN Report. (>>Network User's Guide)
Reset the network settings.	Press Menu, and then press ∧ or ∨ to display Network. Press Network. Press ∧ or ∨ to display Network Reset, and then press Network Reset. (>>Network User's Guide)

Difficulties when entering data

Difficulty	Suggestions
The dial pad does not work when entering numbers or characters.	Use the Touchscreen buttons to enter information.

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.

- 1 Press Menu.
- Press ∧ or ∨ to display Initial Setup.
- 3 Press Initial Setup.
- 4 Press ∧ or ∨ to display Dial Tone.
- 5 Press Dial Tone.
- 6 Press Detection or No Detection.
- 7 Press Stop/Exit.

Telephone line interference / VoIP

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

- 1 Press Menu.
- Press ∧ or ∨ to display
 Initial Setup.
- Openion of the second of th
- 4 Press ∧ or ∨ to display Compatibility.
- 5 Press Compatibility.
- 6 Press High, Normal or Basic (for VoIP).
 - 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.
- High increases the modem speed to 33,600 bps. (factory setting)
- Press Stop/Exit.



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

В

Machine Information

Checking the serial number

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

- 1 Press Menu.
- Press ∧ or ∨ to display Machine Info.
- 3 Press Machine Info.
- 4 Press Serial No.
- 5 Press Stop/Exit.

Reset functions

The following reset functions are available:

1 Network

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

2 Speed Dial&Fax

Speed Dial & Fax resets the following settings:

- Speed Dial (Speed-Dial and Setup Groups)
- Programmed fax jobs in the memory (Polled Transmit, Delayed Fax and Delayed Batch Transmission)
- Station ID(Name and Number)
- Remote Fax Options (Fax Forwarding)
- Report settings
 (Transmission Verification Report, Quick Dial List and Fax Journal)
- History

 (Caller ID history and Outgoing Call)
- Faxes in memory

3 All Settings

You can restore all settings to their factory defaults.

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



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

How to reset the machine

- 1 Press Menu.
- Press ∧ or ∨ to display Initial Setup.
- 3 Press Initial Setup.
- 4 Press ∧ or ∨ to display Reset.
- 5 Press Reset.
- 6 Press ∧ or ∨ to display the Reset options Network, Speed Dial&Fax or All Settings.
- 7 Press the option you want to reset.
- 8 Press Yes to confirm.
- 9 Press Yes for 2 seconds to reboot the machine.

Men

Menu and features

On-screen programming

Your machine is designed to be easy to operate with LCD on-screen programming using the menu buttons on the Touchscreen. 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

Level1	Level2	Level3	Options	Descriptions	Page
Favorite	Сору	_	Quality	Lets you quickly and	7
Settings			Paper Type	easily recall and apply your previously registered	
*1 *2 *3			Paper Size	preferred settings.	
			Enlarge/Reduce		
			Density		
			Stack/Sort		
			Page Layout		
			Duplex Copy		
			Advanced Settings		
	Fax	_	Address		
			Fax Resolution		
			Contrast		
			Batch TX		
			Real Time TX		
			Overseas Mode		
			Glass ScanSize		
	Scan	Scan to Media	Quality		
			File Type		
			File Name		
		Scan to Network	(Profile Name)		
		Scan to FTP			



Level1	Level2	Level3	Options	Descriptions	Page
General Setup	Ink	Test Print	Print Quality	Lets you check the print	61
			Alignment	quality or alignment.	
		Cleaning	Black	Lets you clean the print	61
			Color	head.	
			All		
		Ink Volume	_	Lets you check the	•
				available ink volume.	
	Mode Timer	_	Off	Sets the length of time before the machine will	
			0Sec	return to FAX mode and	
			30Secs	before the machine will	
			1Min	change from a restricted user to Public user mode	
			2Mins*	when using Secure	
			5Mins	Function Lock.	
	Paper Type	_	Plain Paper*	Sets the type of paper in	18
			Inkjet Paper	the paper tray.	
			Brother BP71		
			Brother BP61		
			Brother BP61 Other Glossy		
	Paper Size	_	Other Glossy	Sets the size of paper in	18
	Paper Size	_	Other Glossy Transparency	Sets the size of paper in the paper tray.	18
	Paper Size	_	Other Glossy Transparency A4*		18
	Paper Size	_	Other Glossy Transparency A4* A5		18
	Paper Size	_	Other Glossy Transparency A4* A5 A3		18
	Paper Size	_	Other Glossy Transparency A4* A5 A3 10x15cm		18

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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		
	Auto Daylight	_	On*	Automatically changes for	•
			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	•
			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*	Gloop mode.	
			10Mins		
			30Mins		
			60Mins	Turn on this setting to	10
	A3 - Short Grain	_	On*	Turn on this setting when you use A3 short grain	19
			Off	paper.	
	◆ Advanced User'	s Guide	-		-
	The factory cotting	s are shown in Bold	with an actorick		

Level1	Level2	Level3	Options	Descriptions	Page
General Setup Continued)	Function Lock	Set Password	_	You can restrict selected machine operation for up	•
,		Lock Off→On	_	to 10 restricted users and all other non-authorized	
		Setup User	_	Public users.	
Fax	Setup Receive	Ring Delay	0	Sets the number of rings	33
			1	before the machine answers in Fax Only or	
			2*	Fax/Tel mode.	
			3		
			4		
			5		
			6		
			7		
			8		
			(Example for the U.K.)		
		F/T Ring Time	20Secs	Sets the length of the fast double-ring time in Fax/Tel mode.	33
			30Secs*		
			40Secs		
			70Secs		
		Fax Detect	On*	Receives fax messages	34
			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	
			Off	use codes to turn the machine on or off. You can personalize these codes.	
		Auto Reduction	On*	Cuts the size of incoming faxes to fit the paper size.	*



(Continued)	Setup Receive (Continued) Setup Speed Dial	Memory Receive Set Speed Dial Setup Groups Change	Off* Fax Forward Fax Storage PC Fax Receive Add Number Add Number from History	You can set the machine to either forward fax messages, store incoming faxes in the memory (so you can retrieve them while you are away from your machine), or send faxes to your PC. If you choose Fax Forward or PC-Fax Receive, you can turn on the safety feature Backup Print. Stores Speed Dial numbers, so you can dial by pressing only a few buttons on the screen (and Start). You can set up Group numbers for Proadcasting	♦ 45 ♦
D		Setup Groups	Add Number	numbers, so you can dial by pressing only a few buttons on the screen (and Start). You can set up Group numbers for	4 5 ♦
R			_	You can set up Group numbers for	
P		Change		Broadcasting.	
R		Delete	_ _	You can change Speed Dial numbers. You can delete Speed Dial numbers.	46
	Report Setting	XMIT Report	On On+Image Off* Off+Image	Choose the initial setup for Transmission Verification Report.	29
		Journal Period	Off Every 50 Faxes* Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days	Sets the interval for the automatic printing of the Fax Journal. If you have chosen any other option than Off and Every 50 Faxes, you can set the time for the chosen option. If you have chosen Every 7 Days, you can set the day of the week.	*
	Print Document Remote Access	_	*	Prints incoming faxes stored in the memory. Set your own code for Remote Retrieval.	

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	Remaining Jobs	_	_	Check which jobs are in the memory and cancel chosen jobs.	•
	Miscellaneous	BT Call Sign	On	Uses with BT Call Sign.	
		(U.K. Only)	Off*		
		Caller ID	On*	View or print a list of the	35
		(U.K. and Ireland only)	last 30 Caller IDs stor the memory.		
	◆ Advanced User	s Guide		-	
	The factory setting	e are chown in Rold	with an actoric	le le	



Network menu

Level1	Level2	Level3	Level4	Options	Descriptions	Page	
Network	Wired LAN	TCP/IP	BOOT Method	Auto*	Choose the	+	
				Static	BOOT method that best suits		
				RARP	your needs.		
				BOOTP			
				DHCP			
			IP Address	[000-255].	Enter the IP		
				[000-255].	address.		
				[000-255].			
				[000-255]			
			Subnet Mask	[000-255].	Enter the Subnet		
				[000-255].	mask.		
				[000-255].			
			[000-255]				
			Gateway	[000-255].	Enter the Gateway address.		
				[000-255].		-	
				[000-255].			
			[000-255]				
		Node Name	BRNXXXXXXXXXXX	Enter the Node name.			
			WINS Config	Auto*	Chooses the WINS configuration mode. Specifies the IP address of the		
				Static			
			WINS Server	(Primary) 000.000.000			
				(Secondary)	primary or secondary WINS server.		
			DNS Server	(Primary) 000.000.000.000	Specifies the IP address of the		
			(Secondary) 000.000.000	primary or secondary DNS server.			
			APIPA	On*	Automatically		
				Off	allocates the IP address from the link-local address range.		



Level1	Level2	Level3	Level4	Options	Descriptions	Page
(Continued)	Wired LAN (Continued)	TCP/IP (Continued)	IPv6	On Off*	Enable or disable the IPv6 protocol. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for more information.	+
		Ethernet	_	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.	
		MAC Address	_	_	You can see your machine's MAC address.	
	WLAN TO	N TCP/IP	BOOT Method	Auto* Static RARP	Chooses the BOOT method that best suits your needs. Enter the IP address.	
				BOOTP DHCP		
			IP Address	[000-255]. [000-255]. [000-255]. [000-255]		
			Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
			Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
			Node Name	BRWXXXXXXXXXXX	Enter the Node name.	
			WINS Config	Auto* Static	Chooses the WINS configuration mode.	

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WLAN					
Network (Continued) (Continued)	TCP/IP (Continued)	WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary WINS server.	+
		DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary DNS server.	
		APIPA	On*	Automatically allocates the IP address from the link-local address range.	
	Setup Wizard WPS/AOSS	IPv6	On Off*	IPv6 protocol for a wireless LAN. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for	
		_	_	You can manually configure your print server for a wireless network.	
		_	_	You can easily configure your wireless network settings using the one-button push method.	
	WPS w/PIN Code	_	_	You can easily configure your wireless network settings using WPS with a PIN code.	
		WPS/AOSS WPS w/PIN	APIPA IPv6 Setup Wizard — WPS/AOSS — WPS w/PIN Code	DNS Server	DNS Server (Primary) Specifies the IP address of the primary or secondary DNS server.

Level1	Level2	Level3	Level4	Options	Descriptions	Page
	WLAN (Continued)	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.	
(Avail IFAX			Comm. Mode	_	You can see the current Communication Mode.	
		MAC Address	_	_	You can see your machine's MAC address.	
	Email/IFax (Available after IFAX is downloaded)	Email Address	_	_	Enter the mail address. (Up to 60 characters)	
		Setup Server	SMTP Server	Name (Up to 30 characters)	Enter the SMTP server address.	
				IP Address [000-255]. [000-255]. [000-255]. [000-255]		
			SMTP Port	[00001-65535]	Enter the SMTP port number.	
			Auth. for SMTP	None* SMTP-AUTH POP bef.SMTP	Selects the Security method for E-mail notification.	
			POP3 Server	Name (Up to 30 characters)	Enter the POP3 server address.	
				IP Address [000-255]. [000-255]. [000-255]. [000-255]		
			POP3 Port	[00001-65535]	Enter the POP3 port number.	

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Level1	Level2	Level3	Level4	Options	Descriptions	Page
Network	Email/IFax	Setup Server	Mailbox Name	_	Enter the mail	+
(Continued)	(Available after IFAX is downloaded) (Continued)	(Continued)			box name. (Up to 60 characters)	
(Continued)	(Gontinucu)		Mailbox Pwd	_	Enter the password to login to the POP3 server. (Up to 32 characters)	
			APOP	On Off*	Enables or disables APOP.	
		Setup Mail RX	Auto Polling	On* Off	Automatically checks the POP3 server for new messages.	
			Poll Frequency (Available when Auto Polling is set to On.)	1Min 3Mins 5Mins 10Mins* 30Mins 60Mins	Sets the interval for checking for new messages on the POP3 server.	
			Header	All Subject+From +To None*	Selects the contents of the mail header to be printed.	
			Del Error Mail	On*	Deletes error mails automatically.	
			Notification	On MDN Off*	Receives notification messages.	
		Setup Mail	Sender Subject	_	Displays the subject that is attached to the Internet Fax data.	
			Size Limit	On Off*	Limits the size of E-mail documents.	
			Notification	On Off*	Sends notification messages.	

Level1	Level2	Level3	Level4	Options	Descriptions	Page
Network (Continued)	Email/IFax (Available after IFAX is downloaded) (Continued)	Setup Relay	Rly Broadcast	On Off*	Relays a document to another fax machine over the Internet.	+
			Relay Domain	_	Registers the Domain name.	
			Relay Report	On Off*	Prints the Relay Broadcast Report.	
	Time Zone	_	UTCXXX:XX	_	Sets the time zone for your country.	
	Network I/F	_	Wired LAN*	_	You can choose the network connection type.	
	Network Reset	_	_	_	Restore all network settings back to the factory default.	

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Menu (continued)

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	XMIT Verify	_	_	Prints these lists and	•
	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.	89
Initial Setup	Receive Mode	_	Fax Only*	Choose the Receive	30
			Fax/Tel	Mode that best suits your needs.	
			External TAD	nocus.	
			Manual		
	Date&Time	_	_	Sets the date and time on the screen and in the headings of the faxes you send.	‡
	Station ID	_	Fax:	Enter your name and fax	
			Name:	number to appear on each page you fax.	
	Tone/Pulse	_	Tone*	Choose the dialling mode.	
			Pulse		
	Dial Tone	_	Detection	Turns Dial Tone Detection	88
			No Detection*	on or off.	
	Phone Line Set	_	Normal*	Choose the telephone	36
			PBX	line type.	
			ISDN		
	Compatibility	_	High*	Adjusts the modem speed	88
			Normal	to help resolve transmission problems.	
			Basic(for VoIP)		

- ◆ Advanced User's Guide
- ‡ Quick Setup Guide



Level1	Level2	Level3	Options	Descriptions	Page
Initial Setup (Continued)	Reset	Network		Resets the print server back to its factory default settings, such as the password and IP address information.	89
		Speed Dial&Fax		Deletes all stored Speed Dial numbers and faxes, restores the Station ID, Quick Dial List, Transmission Verification Report and Fax Journal back to the factory default settings.	
		All Settings	_	Resets all the machine's settings back to the factory default.	

- ◆ Advanced User's Guide
- ‡ Quick Setup Guide





Level1	Level2	Level3	Options	Descriptions	Page
History	Outgoing	Send a fax	_	You can choose a number	44
		More	Add Speed	from the Outgoing Call history and then send a	
			Dial	fax to it, add it to	
			Delete	Speed Dial, or delete it.	
	Incoming	Send a fax	_	You can choose a number	44
		More	Add Speed Dial	from the Caller ID history and then send a fax to it, add it to Speed Dial, or	
			Delete	delete it.	
SpeedDial	_	Send a fax	_	You can dial by pressing only a few keys (and Start).	43
		More	Set Speed Dial	Stores Speed Dial numbers, so you can dial by pressing only a few buttons on the Touchscreen (and Start).	45
			Setup Groups	You can set up Group numbers for Broadcasting.	•
			Change	You can change Speed Dial numbers.	46
			Delete	You can delete Speed Dial numbers.	
Mono Start	_	_	_	Lets you send a monochrome fax.	26
Colour Start	_	_	_	Lets you send a colour fax.	
Options	Fax Resolution	_	Standard*	Sets the resolution for	*
			Fine	outgoing faxes.	
			S.Fine		
			Photo		
	Contrast	_	Auto*	Changes the lightness or	1
			Light	darkness of faxes you send.	
			Dark	John.	
	Broadcasting	Add number from SpeedDial	_	You can send the same fax message to more than one fax number.	
	◆ Advanced User'	s Guide	l	l	1
		s are shown in Bold	with an activity		



Level1	Level2	Level3	Options	Descriptions	Page
Options	Delayed Fax	_	On	Sets the time of day in	•
(Continued)			Off*	24-hour format that the delayed faxes will be sent.	
	Batch TX	_	On	Combines delayed faxes	
			Off*	to the same fax number at the same time of day into one transmission.	
	Real Time TX	_	On	You can send a fax	
			Off*	without using the memory.	
	Polled TX	_	Standard	Sets up the document on	
			Secure	your machine to be retrieved by another fax	
			Off*	machine.	
	Polling RX	_	Standard	Sets up your machine to	
			Secure	poll another fax machine.	
			Timer		
			Off*		
	Overseas Mode	_	On	If you are having difficulty	
			Off*	sending faxes overseas, set this to On.	
	Glass ScanSize	_	Letter	Sets the glass scan size	28
			A4*	for faxes.	
	History	Outgoing	Send a fax	You can choose a number	44
			More	from the Outgoing Call history and then send a	
			(Add Speed Dial/Delete)	fax to it, add it to Speed Dial, or delete it.	
		Incoming	Send a fax	You can choose a number	44
			More	from the Caller ID history and then send a fax to it.	
			(Add Speed Dial/Delete)	and then send a lax to it, add it to Speed Dial, or delete it.	



Level1	Level2	Level3	Options	Descriptions	Page
Options (Continued)	Speed Dial	Send a fax	_	You can dial by pressing only a few keys (and Start).	43
		More	Set Speed Dial	Stores Speed Dial numbers, so you can dial by pressing only a few buttons on the Touchscreen (and Start).	45
			Setup Groups	You can set up Group numbers for Broadcasting.	*
			Change	You can change Speed Dial numbers.	46
			Delete	You can delete Speed Dial numbers.	
	Set New Default	_	Fax Resolution	You can save your fax	•
			Contrast	settings.	
			Real Time TX		
			Glass ScanSize		
	Factory Reset	_	_	You can restore all settings back to the factory default.	
-	◆ Advanced User	's Guide	1	'	
1 :::2	The factory setting	s are shown in Bol	d with an asterisk.		



Level1	Option1	Option2	Option3	Descriptions	Page
Scan to File	_	_	_	You can scan a monochrome or a colour document into your computer.	
Scan to Media (when a memory card or USB Flash memory drive is inserted)	Start	_	_	Lets you scan directly to a memory card or USB Flash memory drive.	53
	Options	Quality	Color 100 dpi Color 200 dpi* Color 300 dpi Color 600 dpi B/W 100 dpi B/W 200 dpi B/W 300 dpi	You can choose the scan resolution and file format for your document.	53
		File Type	(If you choose Colour option in Quality setting) PDF* JPEG (If you choose Mono option in Quality setting) TIFF PDF*		
		File Name Set New Default	<pre>Quality File Type</pre>	You can rename the file. You can save your scan settings as the default settings.	*
		Factory Reset	_	You can restore all settings back to the original factory default settings.	
Scan to Network	(Profile Name)	_	_	You can send scanned data to a CIFS server on your local network or on the Internet.	
	☐ Software User's	Guide			
	◆ Advanced User	's Guide			
	The factory setting	s are shown in Bold	with an asterisk.		

Level1		Option1	Option2	Option3	Descriptions	Page
Scan t	o FTP	(Profile Name)	_	_	You can send scanned data via FTP.	
Scan to email	PC	_	_	You can scan a monochrome or a colour document into your E-mail application.		
		E-mail Server	Manual	_	You can scan a	
		(Available after IFAX is downloaded)	Speed Dial		monochrome or a colour document into your E-mail Server.	
		downloadedy			Manual: You can enter an E-mail address using the buttons on the LCD.	
					Speed Dial: You can search for an E-mail address that you have stored in the machine.	
				Quality	Chooses the file format to	-
				(Options)	send the scanned data via	
				Color 100 dpi	E-mail server.	
			Color 200 dpi*			
			Color 300 dpi			
			Color 600 dpi			
				B/W 100 dpi		
				B/W 200 dpi		
				B/W 300 dpi		
				File Type		
				(Options)		
				(If you choose Colour option in Quality setting)		
				PDF*		
				JPEG		
				(If you choose Mono option in Quality setting)		
				TIFF		
				PDF*		
		☐ Software User's	Guide	•	'	1
		◆ Advanced User'	s Guide			
		The factory setting	s are shown in Bol	d with an asterisk.		

Level1	Option1	Option2	Option3	Descriptions	Page
Scan to email (Continued)	E-mail Server (Available after IFAX is downloaded)	Manual Speed Dial (Continued)	Set New Default (Options) Quality	You can save your scan settings.	
	(Continued)		File Type Factory Reset	You can restore all settings back to the factory default.	
Scan to OCR (Available after Presto! PageManager is downloaded for Macintosh users. Accessing Brother Support (Macintosh) >> page 3)	_		_	You can have your text document converted to an editable text file.	
Scan to Image	_		_	You can scan a colour picture into your graphics application.	
Web Service	Scan	_	_	You can scan data by	
(Appears when you install a Web	Scan for E-mail		_	using the Web Services protocol.	
Services	Scan for OCR		_	protoson.	
Scanner, which is	Scan for Fax	_	_		
displayed in your computer's Windows [®] Explorer.)	Scan for Print	_	_		
	☐ Software User's	Guide			
	◆ Advanced User'	s Guide			
	The factory setting	s are shown in Bold	with an asterisk.		



Level1	Level2	Level3	Options	Descriptions	Page
Mono Start	_	_	_	Lets you make a monochrome copy.	47
Colour Start	_	_	_	Lets you make a colour copy.	
Options	Quality	_	Fast	Choose the Copy	*
			Normal*	resolution for the next copy.	
			Best	сору.	
	Paper Type	_	Plain Paper*	Choose the paper type	48
			Inkjet Paper	that matches the paper in the tray.	
			Brother BP71	and tray.	
			Brother BP61		
		Other Glossy Transparency			
			Transparency		İ
	Paper Size	_	A4*	Choose the paper size	48
			A5	that matches the paper in the tray.	
			А3		
			10x15cm		
			Letter		
			Legal		
			Ledger		
	Enlarge/Reduce	100%*	_	_	•
		Enlarge	198% 10x15cm→A4	You can choose the	
			186% 10x15cm→LTR	enlargement ratio for the next copy.	
			141% A4→A3, A5→A4	пож вору.	
		Reduce	97% LTR→A4	You can choose the	
			93% A4→LTR	reduction ratio for the next copy.	
			83% LGL→A4	1-7-	
			69% A4→A5		
			47% A4→10x15cm		
		Fit to Page	_	Your machine will adjust the size automatically to the paper size you set.	



Level1	Level2	Level3	Options	Descriptions	Page
Options (Continued)	Enlarge/Reduce (Continued)	Custom(25-400%)	_	You can choose the enlargement or reduction ratio for your type of document.	•
	Density		-2 -1 *1 0 *1 +1 +2	Adjusts the density of copies.	
	Stack/Sort	_	Stack* Sort	You can choose to stack or sort multiple copies.	
	Page Layout	_	Off(lin1)*	You can make N in 1, 2 in	
			2in1(P)	1 ID, or Poster copies.	
			2in1(L)		
			2in1(ID)		
			4in1(P)		
			4in1(L)		
			Poster (2x1)		
			Poster (2x2)		
			Poster (3x3)		
	Duplex Copy	Off*	_	You can choose the duplex print settings.	
		Portrait LongEdgeFlip	_		
		Landscape LongEdgeFlip	_		
		Portrait ShortEdgeFlip	_		
		Landscape ShortEdgeFlip	_		
		Advanced	Normal*		
			Duplex1		
			Duplex2		
	Advanced	_	Off*	You can choose various	
	Settings		Ink Save Mode	copy settings such as Thin Paper Copy and	
			Thin Paper Copy	Book Copy.	
			Iniin rapor copj		

Level1	Level2	Level3	Options	Descriptions	Page
Options	Set New Default	_	Quality	You can save your copy	•
(Continued)			Enlarge/Reduce	settings.	
			Density		
			Page Layout		
			Ink Save Mode		
			Thin Paper Copy		
			Duplex Copy		
	Factory Reset	_	_	You can restore all the settings back to the factory default.	
	◆ Advanced User'	s Guide			
	The factory settings are shown in Bold with an asterisk.				



Level1	Level2	Level3	Options	Descriptions	Page
View Photos	v Photos OK Start —		_	You can print your chosen photos.	52
Ор		Options	For details, see the Options in the following table.	You can adjust your photos with the options.	*
Print All	Start	_	— You can print all photos your memory card or US Flash memory drive.		
	Options	_	For details, see the Options in the following table.	You can adjust your photos with the options.	
Index Print	Index Sheet	6 IMGs/Line 5 IMGs/Line	For details: Options (for Index Sheet) >> page 117.	You can print a thumbnail page.	
	Print Photos	Start	_	You can print an individual image.	
		Options	For details, see the Options in the following table.	You can adjust your photos with the options.	



Options (for PHOTO)

Option2	Option3	Option4	Descriptions	Page
Normal	_	_	Choose the print quality.	•
Photo*				
Plain Paper	_	_	Choose the paper type.	
Inkjet Paper				
Brother BP71				
Brother BP61				
Other Glossy*				
10x15cm* 13x18cm A4	(When A4 or Letter is chosen) 8x10cm 9x13cm	_	Choose the paper and print size.	
Letter	10x15cm 13x18cm			
Leugel	15x20cm Max. Size*			
-2 -1 -1 +1 +2		_	Adjusts the brightness.	
- + + + + +	_		Adjusts the contrast.	
	Normal Photo* Plain Paper Inkjet Paper Brother BP71 Brother BP61 Other Glossy* 10x15cm* 13x18cm A4 A3 Letter Ledger	Photo* Plain Paper Inkjet Paper Brother BP71 Brother BP61 Other Glossy* 10x15cm* 13x18cm A4 A3 Letter Ledger Ledger A3 Letter Ledger 15x20cm Max. Size* —	Normal Photo* Plain Paper Inkjet Paper Brother BP71 Brother BP61 Other Glossy* 10x15cm* 13x18cm A4 A3 Letter Ledger Ledger A3 Letter Ledger A4 A3 Letter Ledger A5 A4 A5 A6 A7 A7 A7 A7 A8	Normal Photo* — Choose the print quality. Plain Paper Inkjet Paper Brother BP71 Brother BP61 Other Glossy* 10x15cm* 13x18cm A4 A3 Letter Ledger 13x18cm 15x20cm Max. Size* — Adjusts the contrast.

◆ Advanced User's Guide



Option1	Option2	Option3	Option4	Descriptions	Page
Color Enhance	On Off*	White Balance	- + -2 + -1 -1 +2 +2	Adjusts the hue of the white areas.	•
		Sharpness	- + -2 + -2 + -1 + -2 + -1 + -2 + -2 + -	Enhances the detail of the image.	
		Color Density	- + + + + + + + +	Adjusts the total amount of colour in the image.	
Cropping	On* Off	_	_	Crops the image around the margin to fit the paper size or print size. Turn this feature off if you want to print whole images or prevent unwanted cropping.	
Borderless	On*	_	_	Expands the printable area to fit the edges of the paper.	
Date Print (Not available for DPOF printing.)	On Off*	_	_	Prints the date on your photo.	
	◆ Advanced User	's Guide		•	
	The factory setting	s are shown in Bold	with an asterisk.		



Option1	Option2	Option3	Option4	Descriptions	Page
Set New Default	Print Quality	_	_	You can save your print	•
	Paper Type			settings as the default settings.	
	Paper Size			- Commiger	
	Brightness				
	Contrast				
	Color Enhance				
	Cropping				
	Borderless				
	Date Print				
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.		

Options (for Index Sheet)

Level1	Level2	Level3	Options	Descriptions	Page
Paper Type	Plain Paper*	_	_	Choose the paper type.	•
	Inkjet Paper				
	Brother BP71				
	Brother BP61				
	Other Glossy				
Paper Size	Letter	_	_	Choose the paper size.	
	A4*				
	◆ Advanced User	's Guide			
	The factory setting	s are shown in	Bold with an asterisk	(.	

SpeedDial

Level1	Level2	Level3	Options	Descriptions	Page
SpeedDial	Send a fax	_	_	You can dial by pressing only a few keys (and Start).	43
	More	Set Speed Dial	_	Stores Speed Dial numbers, so you can dial by pressing only a few buttons on the Touchscreen (and Start).	45
		Setup Groups	_	Sets up Group numbers for Broadcasting.	•
		Change	_	You can change Speed Dial numbers.	46
		Delete	_	You can delete Speed Dial numbers.	1
	◆ Advanced Use	r's Guide			
	The factory settin	gs are shown in Bold	with an asterisk.		

History

Level1	Level2	Level3	Options	Descriptions	Page
History	Outgoing	Send a fax	_	You can choose a number	44
		More	Add Speed Dial	from the Outgoing Call history and then send a fax to it, add it to Speed Dial, or delete it.	
			Delete		
	Incoming	Send a fax	_	You can choose a number	44
	Mor	More	Add Speed Dial	from the Caller ID history and then send a fax to it, add it to Speed Dial, or	
			Delete	delete it.	
	The factory setting	s are shown in Bold	with an asterisk.		



Level1	Level2	Level3	Options	Descriptions	Page	
Ink	Test Print	_	Print Quality	Lets you check the print	61	
			Alignment	quality or alignment.		
	Cleaning	_	Black	Lets you clean the print	61	
			Color	head.		
			All			
	Ink Volume	_	_	Lets you check the available ink volume.	•	
	♦ Advanced User's Guide					
	The factory settings are shown in Bold with an asterisk.					

Entering Text

When you are setting certain menu selections, you may need to enter text into the machine. Press 4 to cycle between letters, numbers and special characters. By pressing the correct button repeatedly, you can access the character you want.



Inserting spaces

To enter a space, press to choose special characters, then press the space button ____ or ___.

Or, you can press the ▶ twice to move the cursor.



The characters available may differ depending on your country.

Making corrections

If you entered an incorrect character and want to change it, press ◀ to move the cursor under the incorrect character. Then press ☒. Enter the correct character. You can also insert letters by moving the cursor and entering a character.

If the screen does not show a ◀ button, press ☑ repeatedly until you have erased the incorrect character. Enter the correct characters.

Repeating letters

If you need to enter a character that is on the same button as the letter before it, press ▶ to move the cursor to the right before you press the same button again.

Specifications

General



This chapter provides a summary of the machine's specifications. For additional specifications visit http://www.brother.com/ for details.

Printer Type Inkjet

Print Head Mono: Piezo with 210 nozzles × 1

Colour: Piezo with 210 nozzles × 3

Memory Capacity 64 MB

LCD (Liquid Crystal Touchscreen 1.9 in. (49.0 mm) STN Colour LCD

Display)

Power Source AC 220 to 240V 50/60Hz

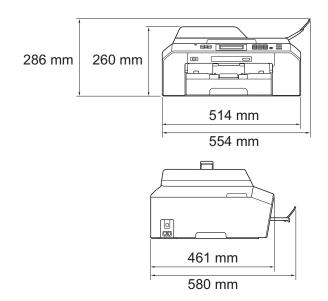
Power Consumption ¹ Copying Mode: Approx. 27 W²

Ready Mode: Approx. 6.5 W
Sleep Mode: Approx. 2.5 W
Off: Approx. 0.2 W

Measured when the machine is connected to the USB interface.

When using ADF, single-sided printing, resolution: standard / document: ISO/IEC 24712 printed pattern.

Dimension



Weight 13.6 kg

Noise Operating: $L_{PAM} = 50 \text{ dB or less}^{1}$

Noise per ISO9296 Copying: $LWAd = 6.38 B(A)^2 (Mono)$

LwAd = 6.14 B(A) (Colour)

Ready: Lwad = 3.05 B(A) (Mono/Colour)

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 Up to 35 pages

document feeder)

Paper: 90 g/m² A4 or Letter size

Document Size ADF Width: 148 mm to 215.9 mm

ADF Length: 148 mm to 355.6 mm Scanner Glass Width: Max. 215.9 mm

Scanner Glass Length: Max. 297 mm

Noise depends on printing conditions.

Office equipment with LwAd>6.30 B(A) is not suitable for use in room where people do primarily intellectual work. Such equipment should be placed in separate rooms because of the noise emission.

D

Print media

Paper Input Paper Tray

■ Paper type:

Plain paper, inkjet paper (coated paper), glossy paper ¹ and transparency ^{1 2}

■ Paper size:

A4, Ledger, A3, Legal, Executive, Letter, A5, A6, Envelopes (commercial No.10, DL, C5, Monarch), Photo 10 \times 15 cm, Photo L 89 \times 127 mm, Photo 2L 13 \times 18 cm and Index Card 127 \times 203 mm ³

Width: 89 mm - 297 mm

Length: 127 mm - 431.8 mm

For more details: Paper weight, thickness and capacity ➤➤ page 22.

■ Maximum paper tray capacity:

Approx. 250 sheets of 80 g/m² plain paper

Paper Output

Up to 50 sheets of A4 plain paper (face up print delivery to the output paper tray) ¹

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

² Use only transparencies recommended for inkjet printing.

Paper type and size for each operation ➤➤ page 21

Fax

Compatibility ITU-T Super Group 3

Modem Speed Automatic Fallback

33,600 bps

Scanning Width ADF: 208 mm (A4)

Scanner Glass: 204 mm (A4)

Printing Width 291 mm (A3)

Greyscale Levels: 64 (B&W) / 256 (Colour)

Resolution Standard

 203×98 dpi (Mono) 203×196 dpi (Colour)

Fine

203 × 196 dpi (Mono/Colour)

Superfine

203 × 392 dpi (Mono)

Photo

203 × 196 dpi (Mono)

Speed Dial 100 stations × 2 numbers

Groups Up to 6

Broadcasting 200 (200 Speed Dial)

Automatic Redial 3 times at 5 minute intervals

Memory Transmission Up to 400 ¹ pages

Out of Paper Reception Up to 400 1 pages

[&]quot;Pages" refers to the "ITU-T Test Chart #1" (a typical business letter, Standard resolution, MMR code). Specifications and printed materials are subject to change without prior notice.

Copy

Colour/Monochrome Yes/Yes

Copy Width Max. 210 mm

Multiple Copies Stacks/Sorts up to 99 pages

Enlarge/Reduce 25% to 400% (in increments of 1%)

Resolution Prints up to 1200 × 1200 dpi

Duplex (2-sided) Yes

■ Paper type:

Plain paper

■ Paper size:

A4, Ledger ¹, A3 ¹, Legal, Letter, A5

Minimum top and bottom margins of 22 mm

PhotoCapture Center™

Compatible Media ¹ Memory Stick™ (16 MB - 128 MB)

Memory Stick PRO™ (256 MB - 32 GB) Memory Stick Duo™ (16 MB - 128 MB) Memory Stick PRO Duo™ (256 MB - 32 GB)

Memory Stick Micro[™] (M2[™]) with Adapter (256 MB - 32 GB)

MultiMedia Card (32 MB - 2 GB) MultiMedia Card plus (128 MB - 4 GB)

MultiMedia Card mobile with Adapter (64 MB - 1 GB)

SD Memory Card (16 MB - 2 GB) miniSD with Adapter (16 MB - 2 GB) microSD with Adapter (16 MB - 2 GB) SDHC Memory Card (4 GB - 32 GB) miniSDHC with Adapter (4 GB - 32 GB) microSDHC with Adapter (4 GB - 32 GB) SDXC Memory Card (48 GB - 64 GB)

USB Flash memory drive ²

Resolution Up to 1200×2400 dpi

File Extension

(Media Format) DPOF (ver. 1.0, ver. 1.1), Exif DCF (up to ver. 2.1)

(Image Format) Photo Print: JPEG ³

Scan to Media: JPEG, PDF (Colour)

TIFF, PDF (Monochrome)

Number of Files Up to 999 files

(The folder inside memory cards or USB Flash memory drive is

also counted.)

Folder File must be stored in the 4th folder level of the memory card or

USB Flash memory drive.

Borderless A4, Letter, Ledger, A3, Photo 10×15 cm,

Photo 2L 13×18 cm ⁴

USB 2.0 Standard

USB Mass Storage standard up to 32 GB Support format: FAT12/FAT16/FAT32/exFAT

Progressive JPEG format is not supported.

Paper type and size for each operation ➤➤ page 21

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

PictBridge

Supports the Camera & Imaging Products Association PictBridge standard CIPA DC-001. Compatibility

Visit http://www.cipa.jp/pictbridge/ for more information.

Interface USB direct interface

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.x²

WIA Compliant

Yes (Windows® XP 1/Windows Vista®/Windows® 7)

ICA Compliant Yes (Mac OS X 10.6.x)

Colour Depth 48 bit colour Processing (Input)

24 bit colour Processing (Output)

Resolution Up to 19200×19200 dpi (interpolated) ³

Up to 2400 × 2400 dpi (optical) (Scanner Glass)

Up to 2400×1200 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

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 http://solutions.brother.com/.

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 $1200 \times 6000 \text{ dpi}$

Printing Width ³ 291 mm [297 mm (borderless) ¹]

Borderless ² A4, Letter, Ledger, A3, A6, Photo 10 × 15 cm,

Index Card 127 × 203 mm,

Photo L 89×127 mm, Photo 2L 13×18 cm

Duplex (2-sided) ■ Paper type:

Plain paper

■ Paper size:

A4, Letter, Ledger ⁵, A3 ⁵, Legal, A5, A6, Executive

Print Speed 4

- When the Borderless feature is set to On.
- ² Paper type and size for each operation ➤➤ page 21
- ³ When printing on A3 size paper.
- ⁴ For detailed specifications visit http://www.brother.com/.
- ⁵ Minimum top and bottom margins of 22 mm

Interfaces

USB 12 A USB 2.0 interface cable that is no longer than 2 m.

LAN cable ³ Ethernet UTP cable category 5 or greater.

Wireless LAN IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode)

- Your machine has a Hi-Speed USB 2.0 interface. The machine can also be connected to a computer that has a USB 1.1 interface.
- ² Third party USB ports are not supported.
- ³ Network (LAN) ➤➤ page 133
 - >>Network User's Guide: Supported protocols and security features

D

Computer requirements

	SUPPORTED	OPERAT	ING SYST	EMS AND SOFTV	VARE FL	JNCTION	S			
Comp	uter Platform &	Supported PC PC Software Functions		Processor	Minimum	Minimum Recommended	Hard Disk Sp	ace to install		
	g System Version			Minimum Speed	RAM	RAM	For Drivers	For Applications		
Windows [®] Operating System	Windows [®] XP Home ^{1 4} Windows [®] XP Professional ^{1 4}	Printing, PC Fax ³ , Scanning,	USB, 10/100 Base-TX	Intel [®] Pentium [®] II or equivalent	128 MB	256 MB	150 MB	1 GB		
	Windows [®] XP Professional x64 Edition ^{1 4}	Removable Disk ⁵	(Ethernet), Wireless 802.11b/g/n	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 ^{1 4}			or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	1 GB (32 bit) 2 GB (64 bit)	1 GB (32 bit) 2 GB (64 bit)	650 MB	1.3 GB		
	Windows Server® 2003 (print only via network)	Printing	Printing 10/100 Base-TX (Ethernet), 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 System	Mac OS X 10.4.11, 10.5.x	Printing, PC Fax Send ³ ,	PC Fax 10/100 Send ³ , Base-TX Scanning, (Ethernet), Removable Wireless	PowerPC G4/G5 Intel [®] Processor	512 MB	1 GB	80 MB	550 MB		
	Mac OS X 10.6.x	Scanning, Removable Disk ⁵		Intel [®] Processor	1 GB	2 GB				

Conditions:

- For WIA, 1200×1200 resolution. Brother Scanner Utility enables to enhance up to 19200×19200 dpi.
- ² Third party USB ports are not supported.
- ³ PC Fax supports black and white only.
- 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.
- 5 Removable disk is a function of PhotoCapture Center™.

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

All trademarks, brand and product names are the property of their respective companies.

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

The first time you install a set of ink cartridges the machine will use an amount of ink to fill the ink delivery tubes for high quality

printouts. This process will only happen once. After this process is complete the cartridges provided with your machine will have a lower yield than standard cartridges (65 %). With all following ink

cartridges you can print the specified number of pages.

Replacement Consumables

<Super High Yield Black> LC1280XLBK

<Super High Yield Yellow> LC1280XLY

<Super High Yield Cyan> LC1280XLC

<Super High Yield Magenta> LC1280XLM

Black - Approximately 2,400 pages 1

Yellow, Cyan and Magenta - Approximately 1,200 pages 1

<High Yield Black> LC1240BK

<High Yield Yellow> LC1240Y

<High Yield Cyan> LC1240C

< High Yield Magenta > LC1240M

Black, Yellow, Cyan and Magenta - Approximately 600 pages 1

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

What is Innobella™?

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



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

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

Network (LAN)



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

LAN You can connect your machine to a network for Network Printing,

Network Scanning, PC Fax Send, PC Fax Receive (Windows[®] only), Remote Setup, and access photos from PhotoCapture Center[™] ¹. Also included is Brother BRAdmin Light ² Network Management

software.

Wireless Network

SSID (32 chr), WEP 64/128 bit, WPA-PSK (TKIP/AES),

Security

WPA2-PSK (AES)

Setup Support Utility

AOSS™ Yes

WPS Yes

See the Computer Requirements chart on page 131.

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

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See Software User's Guide.
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See Quick Setup Guide and Network
User's Guide.



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

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