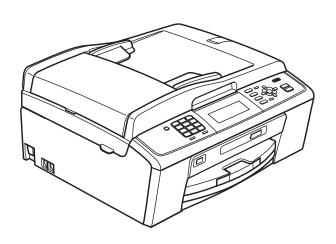


BASIC USER'S GUIDE



MFC-J615W MFC-J630W

If you need to call Customer Service

Please complete the following information for future reference:

Model Number: MFC-J615W and MFC-J630W (Circle your model number)

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/

By registering your product with Brother, you will be recorded as the original owner of the product. Your registration with Brother:

- may serve as confirmation of the purchase date of your product should you lose your receipt;
- may support an insurance claim by you in the event of product loss covered by insurance; and,
- will help us notify you of enhancements to your product and special offers.

The most convenient and efficient way to register your new product is on-line at http://www.brother.com/registration/

Brother numbers

! IMPORTANT

For technical help, you must call the country where you bought the machine. Calls must be made *from within* that country.

Register your product

By registering your product with Brother International Corporation, you will be recorded as the original owner of the product. Your registration with Brother:

- may serve as confirmation of the purchase date of your product should you lose your receipt;
- may support an insurance claim by you in the event of product loss covered by insurance; and,
- will help us notify you of enhancements to your product and special offers.

Please complete and fax the Brother Warranty Registration And Test Sheet or, for your convenience and most efficient way to register your new product, register on-line at

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

FAQs (frequently asked questions)

The Brother Solutions Center is our one-stop resource for all your Fax Machine/Multi-Function Center needs. You can download the latest software documents and utilities, read FAQs and troubleshooting tips, and learn how to get the most from your Brother product.

http://solutions.brother.com/



- · You can check here for Brother driver updates.
- To keep your machine performance up to date, check here for the latest firmware upgrade.

For Customer Service

In USA: 1-877-BROTHER (1-877-276-8437)

1-901-379-1215 (fax)

In Canada: 1-877-BROTHER

(514) 685-4898 (fax)

Service Center Locator (USA only)

For the location of a Brother authorized service center, call 1-877-BROTHER (1-877-276-8437).

Service Center Locations (Canada only)

For the location of a Brother authorized service center, call 1-877-BROTHER.

Ordering accessories and supplies

For best quality results use only genuine Brother accessories, which are available at most Brother retailers. If you cannot find the accessory you need and you have a Visa, MasterCard, Discover, or American Express credit card, you can order accessories directly from Brother. (You can visit us online for a complete selection of the Brother accessories and supplies that are available for purchase.)



In Canada only Visa and MasterCard are accepted.

In USA: 1-877-552-MALL (1-877-552-6255)

1-800-947-1445 (fax)

http://www.brothermall.com/

In Canada: 1-877-BROTHER

http://www.brother.ca/

Description	Item
Ink Cartridge Standard <black></black>	LC61BK (Prints approx. 450 pages) ¹
Ink Cartridge <cyan> (blue)</cyan>	LC61C (Prints approx. 325 pages) ¹
Ink Cartridge <magenta> (red)</magenta>	LC61M (Prints approx. 325 pages) ¹
Ink Cartridge <yellow></yellow>	LC61Y (Prints approx. 325 pages) ¹
Premium Plus Glossy Photo Paper	
(Letter size / 20 sheets)	BP71GLTR
(4" × 6" size / 20 sheets)	BP71GP
Premium Glossy Photo Paper	
(Letter size / 20 sheets)	BP61GLL (USA only)
(4" × 6" / 20 sheets)	BP61GLP (USA only)
Multipurpose Paper - Plain Paper	
(Letter size / 500 sheets)	BP60MPLTR (USA only)
Matte Inkjet Paper	
(Letter size / 25 sheets)	BP60ML (USA only)
Plain Inkjet Paper	
(Letter size / 100 sheets)	BP60PL100 (USA only)
Telephone Line Cord	LG3077001 (USA only)
Basic User's Guide	LX3937072 (English for Canada)
	LX3937002 (French for Canada)

¹ For more information about the replacement consumables, visit us at http://www.brother.com/pageyield

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Compilation and Publication Notice

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

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

Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

BROTHER MULTIFUNCTION CENTER / FAX MACHINE LIMITED WARRANTY (Canada only)

Pursuant to the limited warranty of 1 year from the date of purchase for labour and parts, Brother International Corporation (Canada) Ltd. ("Brother"), or its Authorized Service Centres, will repair or replace (at Brother's sole discretion) this MFC/Fax machine free of charge if defective in material or workmanship. This warranty applies only to products purchased and used in Canada. This limited Warranty does not include cleaning, consumables (including, without limitation, ink cartridges, print cartridges, print rolls, thermal paper rolls, toner cartridges, drum units, OPC belts, fixing units, print heads, paper feed rollers, transfer rolls, cleaning rollers, waste toner packs, oil bottles) or damage caused by accident, neglect, misuse or improper installation or operation, any damage caused from service, maintenance, modifications, or tampering by anyone other than a Brother Authorized Service Representative, or if shipped out of the country.

The use of supplies or consumable items that are non-Brother products may void your warranty. This limited warranty ceases when this machine is rented, sold, or otherwise disposed of.

Operation of the MFC/Fax machine in excess of the specifications or with the Serial Number or Rating Label removed shall be deemed abuse and all repairs thereafter shall be the sole liability of the end-user/purchaser. In order to obtain warranty service, the MFC/Fax machine must be delivered or shipped freight prepaid by the end-user/purchaser to a "Brother" Authorized Service Centre, together with your Canadian Proof of Purchase in the form of a Sales Receipt.

When shipping or transporting your MFC/Fax machine, please refer to your Operation Manual for the proper packaging procedures.

For Laser/LED units: Failure to remove the Toner Cartridge (and Toner Drum Unit, waste toner packs or oil bottles on applicable models) during shipping or transport will cause severe damage to the Laser/LED MFC/Fax machine and will void the Warranty.

For inkjet units: (When shipping your Inkjet MFC/Fax machine remove the ink cartridges and replace them with the original protective parts. If original protective parts are not available, leave ink cartridges installed. Please avoid shipping the unit without original protective parts or ink cartridges.) Damage to your print head resulting from packing the Inkjet MFC/Fax machine without the ink cartridges or the protective parts will void your warranty.

Improper packaging may cause severe damage to the machine during shipping and will void the warranty. BROTHER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING, WITHOUT LIMITATIONS, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT TO THE EXTENT THAT ANY WARRANTIES IMPLIED BY LAW CANNOT BE VALIDLY WAIVED.

No oral or written information, advice or representation provided by Brother, its Authorized Service Centres, Distributors, Dealers, Agents or employees, shall create another warranty or modify this warranty. The warranty states Brother's entire liability and your exclusive remedy against Brother for any failure of the MFC/Fax machine to operate properly.

Neither Brother nor anyone else involved in the development, production, or delivery of this MFC/Fax machine shall be liable for any indirect, incidental, special, consequential, exemplary, or punitive damages, including lost profits, arising from the use of or inability to use the product, even if advised by the end user/purchaser of the possibility of such damages. Since some Provinces do not allow the above limitation of liability, such limitation, may not apply to you.

This Limited Warranty gives you specific legal rights and you may also have other rights which vary from Province to Province.

Warranty Service is available at Brother Authorized Service Centres throughout Canada.

For Technical Assistance or for the name and location of your nearest Authorized Service Centre call 1-877-BROTHER.



Internet support: support@brother.ca or browse Brother's Web Site www.brother.ca.

User's Guides and where do I find it?

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

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Table of Contents (ADVANCED USER'S GUIDE)

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

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

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3 Sending a fax

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4 Receiving a fax

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5 Dialing and storing numbers

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6 Printing reports

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8 PhotoCapture Center®: Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center® operations Print Images PhotoCapture Center® print settings Scan to a memory card or USB Flash memory drive

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Printing photos directly from a PictBridge camera
Printing photos directly from a digital camera (without PictBridge)

A Routine maintenance

Cleaning and checking the machine Packing and shipping the machine

B Glossary

C Index

1

General information

Using the documentation

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

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

Bold Bold typeface identifies specific

keys on the machine's control panel, on the computer screen.

Italics Italicized typeface emphasizes

an important point or refers you

to a related topic.

Courier New Text in Courier New font identifies messages on the

LCD of the machine.



WARNING

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



CAUTION

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



IMPORTANT

<u>IMPORTANT</u> indicates a potentially hazardous situation which may result in property-damage-only accidents or loss of product function.



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



Electrical Hazard icons alert you to possible electrical shock.

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

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

Viewing Documentation

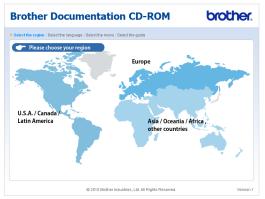
1 Turn on your computer. Insert the Documentation CD-ROM into your CD-ROM drive. For Windows[®] users, go to step 3.



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

(Macintosh users)
Double-click the Documentation CD-ROM icon, and then double-click **index.html**.

3 Click your country.



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







(Windows[®] users only)
 Your Web browser may display a yellow
 bar at the top of the page that contains a
 security warning about Active X controls.
 For the page to display correctly you must
 click on the bar, click

Allow Blocked Content, then click **Yes** in the Security Warning dialog box.

- (Windows[®] users only) ¹
 For faster access, you can copy all user documentation in PDF format to a local folder on your computer. Point to your language, then click Copy to local disk.
 - ¹ Microsoft[®] Internet Explorer[®] 6.0 or greater.

How to find Scanning instructions

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

Software User's Guide

- Scanning
- ControlCenter
- Network Scanning

(Windows®)

ScanSoft™ PaperPort™11SE with OCR How-to-Guides

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

Presto! PageManager User's Guide



Presto! PageManager is available as a download from http://nj.newsoft.com.tw/download/ brother/PM7installer BR multilang.dmg

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

How to find Network setup instructions

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

Accessing Brother Support (Windows®)

You can find all the contacts you will need, such as Web support (Brother Solutions Center), Customer Service and Brother Authorized Service Centers in *Brother numbers* on page i and on the Installation CD-ROM.

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



- To access our Web site (http://www.brother.com), click Brother Home Page.
- To view all Brother Numbers, including Customer Service numbers for the USA and Canada, click Support Information.
- To access the USA Brother online shopping mall (http://www.brothermall.com) for additional product and services information, click **Brother Mall.com**.
- To access Canada's Brother online shopping mall (http://www.brother.ca) for additional product and services information, click **Shop Online (Canada)**.
- For the latest news and product support information (http://solutions.brother.com/), click Brother Solutions Center.

- To visit our Web site for original/genuine 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 are finished, click **Exit**.

Accessing Brother Support (Macintosh)

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

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



- To download and install Presto! PageManager, click Presto! PageManager.
- To register your machine from the Brother Product Register Page (<u>http://www.brother.com/registration/</u>), click **On-Line Registration**.
- For the latest news and product support information (http://solutions.brother.com/), click Brother Solutions Center.
- To visit our Web site for original/genuine Brother Supplies (http://www.brother.com/original/), click **Supplies Information**.

Control panel overview

The MFC-J615W and MFC-J630W have the same control panel keys.



1 Fax and telephone keys:

■ Redial/Pause

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

■ Hook

Press before dialing if you want to make sure a fax machine will answer, and then press **Black Start** or **Color Start**.

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

2 Mode keys:

■ FAX

Lets you access Fax mode.

■ SCAN

Lets you access Scan mode.

■ COPY

Lets you access Copy mode.

■ PHOTO CAPTURE

Lets you access PhotoCapture Center® mode.

3 Menu keys:

Volume keys

■() **■ ■**()))

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

■ Speed Dial key

 \Box

Press to store Speed Dial and Group numbers in the machine's memory. Lets you store, look up, and dial numbers that are stored in the memory.

■ < or >

Press to scroll backward or forward to a menu selection.

Also, press to choose options.

■ A or ▼

Press to scroll through the menus and options.

■ Menu

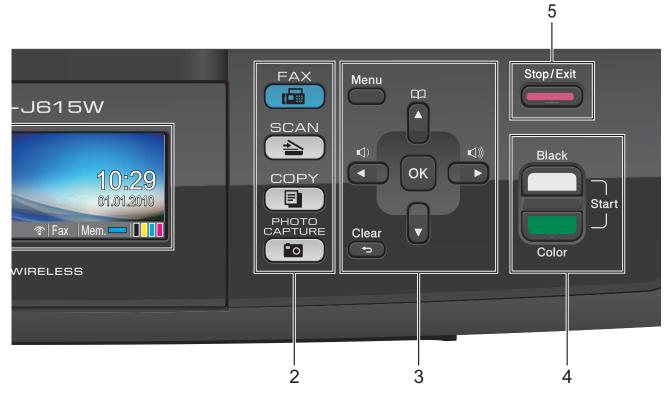
Access the main menu.

■ Clear

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

■ OK

Lets you choose a setting.



4 Start keys:

■ Black Start

Lets you start sending faxes or making copies in black & white. Also lets you start a scanning operation (in color or black & white depending on the scanning setting in the ControlCenter software).

Color Start

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

5 Stop/Exit

Stops an operation or exits the menu.

6 LCD (Liquid Crystal Display)

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

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

7 Dial Pad

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

(Canada only) The # key lets you temporarily switch the dialing mode during a telephone call from Pulse to Tone.

8 On/Off

You can turn the machine on and off.

Press On/Off to turn the machine on.

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

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

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

LCD screen

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



1 Faxes in memory

Shows how many received faxes are in the memory.

2 Wireless Status

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



3 Current Receive Mode

Lets you see the current receive mode.

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

4 Memory Status

Lets you see the available memory in the machine.

5 Ink indicator

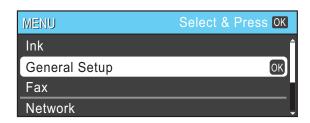
Lets you see the available ink volume.

The warning icon ! appears when there is an error or maintenance message. For details, see *Error and Maintenance messages* on page 56.

Basic Operations

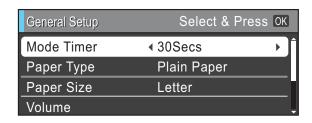
The following steps show how to change a setting in the machine. In this example the Mode Timer setting is changed from 2 minutes to 30 seconds.

- 1 Press Menu.
- Press ▲ or ▼ to choose
 General Setup.



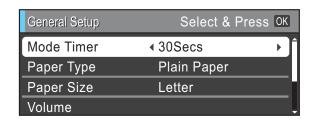
Press OK.

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



Press OK.

You can see the current setting on the LCD:



5 Press Stop/Exit.

2

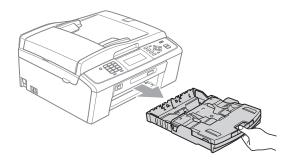
Loading paper

Loading paper and other print media

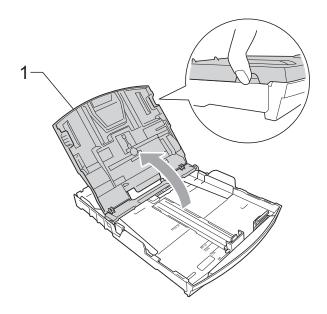


To print on Photo (4" \times 6") or Photo L (3.5" \times 5") paper, you must use the photo bypass tray. (See *Loading photo paper* on page 13.)

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

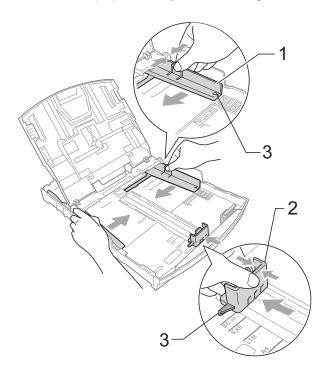


2 Lift the output paper tray cover (1).



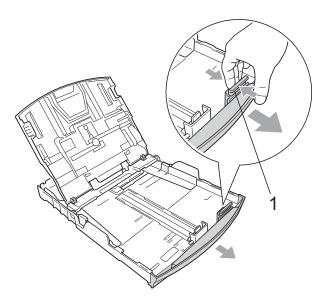
With both hands, gently press and slide the paper side guides (1) and then the paper length guide (2) to fit the paper size.

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

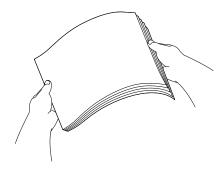


Note

When you are using Legal size paper, press and hold the universal guide release button (1) as you slide out the front of the paper tray.



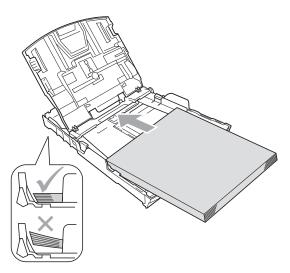
Fan the stack of paper well to avoid paper jams and misfeeds.



! IMPORTANT

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

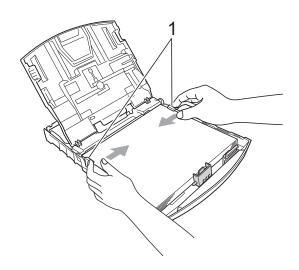
Gently put the paper into the paper tray print side down and top edge in first.
Check that the paper is flat in the tray.
Over filling the paper tray may cause paper jams.



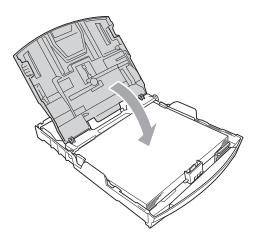
! IMPORTANT

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

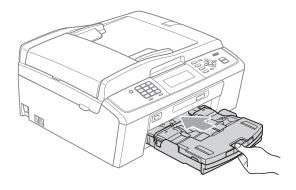
6 Gently adjust the paper side guides (1) to fit the paper using both hands. Make sure the paper side guides touch the sides of the paper.



7 Close the output paper tray cover.



8 Slowly push the paper tray completely into the machine.



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



IMPORTANT

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

Loading envelopes and postcards

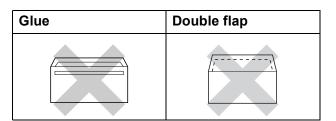
About envelopes

- Use envelopes that weigh from 20 to 25 lb (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 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.

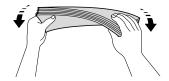
Loading envelopes and postcards

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

! IMPORTANT

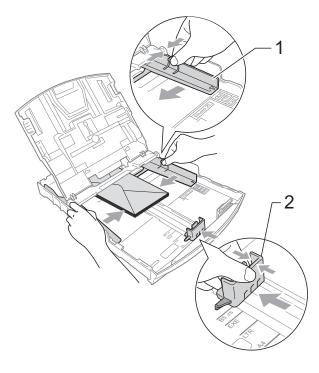
If envelopes or postcards are "double-feeding", put one envelope or postcard in the paper tray at a time.





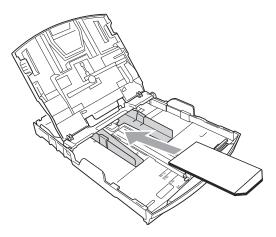


2 Put envelopes or postcards in the paper tray with the address side down and the leading edge in first as shown in the illustration. With both hands, gently press and slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or postcards.



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

- 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 Adjust the size and margin in your application.

Loading photo paper



In Canada, the photo bypass tray is called the photo paper tray.

Use the photo bypass tray, which is located on the top of the output paper tray cover, to print on Photo (4" \times 6") and Photo L $(3.5" \times 5")$ size paper. When you use the photo bypass tray, you do not have to take out the paper that is in the tray beneath it. (For the maximum number of photo cards you can load, see Paper weight, thickness and capacity on page 21.)

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

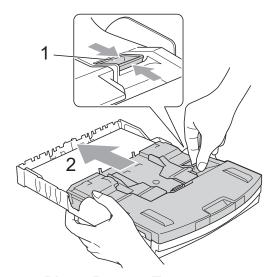
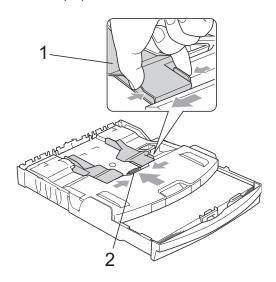


Photo Bypass Tray

Chapter 2

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



3 Put the photo paper into the photo bypass tray and gently adjust the paper side guides to the paper.

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

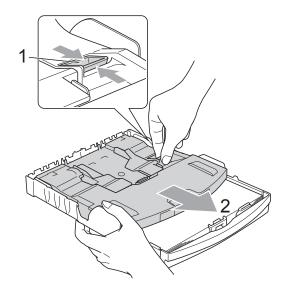
Check that the paper is flat in the tray.



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

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

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



IMPORTANT

If you do not return the photo bypass tray to the *Normal* printing position after printing photos, you will get a No Paper Fed error when you use cut sheet paper.

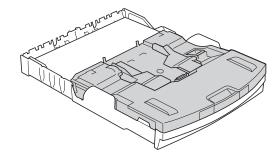


Photo Bypass Tray in the *Normal* printing position

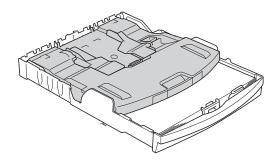
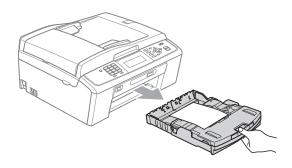


Photo Bypass Tray in the *Photo* printing position

Removing small printouts from the machine

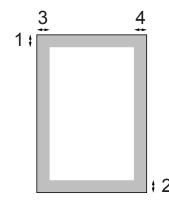
When the machine ejects small paper onto the output paper tray cover you may not be able to reach it. Make sure printing has finished, and then pull the tray completely out of the machine.



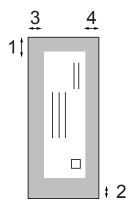
Printable area

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 only when the Borderless print feature is available and turned on. (See *Printing* for Windows[®] or *Printing* and *Faxing* for Macintosh in the *Software User's Guide*.)

Cut Sheet Paper



Envelopes



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



The Borderless feature is not available for envelopes.

Paper settings

Paper Type

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

- 1 Press Menu.
- Press ▲ or ▼ to choose

 General Setup.

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



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

Paper Size

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

- 1 Press Menu.
- Press ▲ or ▼ to choose
 General Setup.
 Press OK.
- 3 Press ▲ or ▼ to choose Paper Size.
- Press ◀ or ▶ to choose Letter, Legal, A4, A5, Executive and 4"x6".
 Press OK.
- 5 Press Stop/Exit.

Acceptable paper and other print media

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

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

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

We recommend testing various paper types before buying large quantities.

For best results, use Brother paper.

- When you print on inkjet paper (coated paper), transparencies and glossy paper, be sure to choose the proper print media in the "Basic" tab of the printer driver or in the Paper Type setting of the machine's menu. (See Paper Type on page 17.)
- When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
- When you use transparencies or photo paper, remove each sheet at once to prevent smudging or paper jams.
- Avoid touching the printed surface of the paper immediately after printing; the surface may not be completely dry and may stain your fingers.

Recommended print media

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

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

Brother paper

Paper Type	Item
Premium Plus Glossy Photo	
■ Letter	BP71GLTR
■ 4" × 6"	BP71GP
Premium Glossy Photo	
■ Letter	BP61GLL (USA only)
■ 4" × 6"	BP61GLP (USA only)
Matte Inkjet (Letter)	BP60ML (USA only)
Plain Inkjet (Letter)	BP60PL100 (USA only)

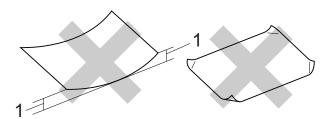
Handling and using print media

- 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



- 1 0.08 in. (2 mm) or greater curl may cause jams to occur.
- Extremely shiny or highly textured paper
- Paper that cannot be arranged uniformly when stacked
- · Paper made with a short grain

Paper capacity of the output paper tray cover

Up to 50 sheets of Letter, Legal or A4 20 lb (80 g/m²) 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	Letter	8 1/2 × 11 in. (215.9 × 279.4 mm)	Yes	Yes	Yes	Yes
	A4	8.3×11.7 in. (210 \times 297 mm)	Yes	Yes	Yes	Yes
	Legal	8 1/2 \times 14 in. (215.9 \times 355.6 mm)	Yes	Yes	_	Yes
	Executive	7 1/4 \times 10 1/2 in. (184 \times 267 mm)	_	Yes	_	Yes
	JIS B5	7.2×10.1 in. (182 \times 257 mm)	_	_	_	Yes
	A5	5.8×8.3 in. (148 \times 210 mm)	_	Yes	_	Yes
	A6	4.1×5.8 in. (105 \times 148 mm)	_	_	_	Yes
Cards	Photo	4 × 6 in. (10 × 15 cm)	_	Yes	Yes	Yes
	Photo L	3 1/2 \times 5 in. (89 \times 127 mm)	_	_	_	Yes
	Photo 2L	5×7 in. (13 \times 18 cm)	_	_	Yes	Yes
	Index Card	5×8 in. (127 \times 203 mm)	_	_	_	Yes
	Postcard 1	3.9×5.8 in. (100 \times 148 mm)	_	_	_	Yes
	Postcard 2 (Double)	5.8×7.9 in. (148 × 200 mm)	_	_	_	Yes
Envelopes	C5 Envelope	6.4 × 9 in. (162 × 229 mm)	_	_	_	Yes
	DL Envelope	4.3×8.7 in. (110 \times 220 mm)	_	_	_	Yes
	COM-10	4 1/8 \times 9 1/2 in. (105 \times 241 mm)	_	_	_	Yes
	Monarch	3 7/8 \times 7 1/2 in. (98 \times 191 mm)	_	_	_	Yes
	JE4 Envelope	4.1×9.3 in. (105 \times 235 mm)	_	_	_	Yes
Transparencies	Letter	8 1/2 × 11 in. (215.9 × 279.4 mm)	_	Yes	_	Yes
	A4	8.3×11.7 in. (210 \times 297 mm)	_	Yes	_	Yes
	Legal	8 1/2 \times 14 in. (215.9 \times 355.6 mm)	_	Yes	_	Yes
	A5	5.8×8.3 in. (148 \times 210 mm)	_	Yes	_	Yes

Paper weight, thickness and capacity

Paper Type		Weight	Thickness	No. of sheets
Cut Sheet	Plain Paper	17 to 32 lb (64 to 120 g/m ²)	3 to 6 mil (0.08 to 0.15 mm)	100 ¹
	Inkjet Paper	17 to 53 lb (64 to 200 g/m ²)	3 to 10 mil (0.08 to 0.25 mm)	20
	Glossy Paper	Up to 58 lb (Up to 220 g/m ²)	Up to 10 mil (Up to 0.25 mm)	20 ^{2 3}
Cards	Photo 4" × 6"	Up to 58 lb (Up to 220 g/m²) Up to 10 mil (Up to 0.25 mm)		20 ^{2 3}
	Index Card	Up to 32 lb (Up to 120 g/m ²)	Up to 6 mil (Up to 0.15 mm)	30
	Postcard	Up to 53 lb (Up to 200 g/m ²)	Up to 10 mil (Up to 0.25 mm)	30
Envelopes		20 to 25 lb (75 to 95 g/m ²)	Up to 20 mil (Up to 0.52 mm)	10
Transparen	cies	_	-	10

Up to 100 sheets of plain paper 20 lb (80 g/m²).

For Photo 4" \times 6" paper and Photo L 3.5" \times 5" paper, use the photo bypass tray (in USA) or the photo paper tray (in Canada). (See *Loading photo paper* on page 13.)

³ BP71 69 lb (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 15 pages and feeds each sheet individually. Use standard 20 lb (80 g/m²) paper and always fan the pages before putting them in the ADF.

Document Sizes Supported

Paper: 20 lb LTR (80 g/m² A4)

Length: 5.8 to 14 in. (148 to

355.6 mm)

Width: 5.8 to 8.5 in. (148 to

215.9 mm)

Weight: 17 to 24 lb (64 to 90 g/m²)

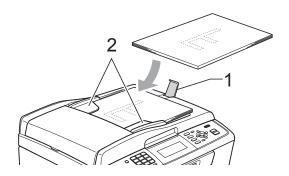
How to load documents

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 with ink or correction fluid are completely dry.

- 1 Unfold the ADF Document Output Support Flap (1).
- 2 Fan the pages well.
- 3 Adjust the paper guides (2) to fit the width of your document.
- 4 Make sure you place your document, face down, top edge first in the ADF underneath the guides until you feel it touch the feed roller and the LCD shows ADF Ready.



IMPORTANT

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

Using the scanner glass

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

Document Sizes Supported

Length: Up to 11.7 in. (297 mm)

Width: Up to 8.5 in. (215.9 mm)

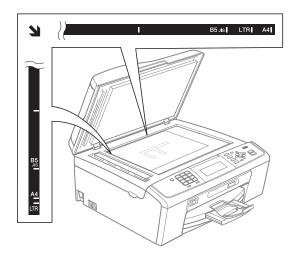
Weight: Up to 4.4 lb (2 kg)

How to load documents



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

- 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.





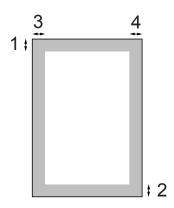
3 Close the document cover.

! IMPORTANT

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

Scannable area

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



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

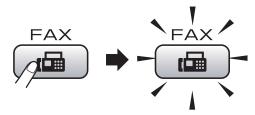
The unscannable area is 0.04 in (1 mm) when you use the ADF.

4 Sending a fax

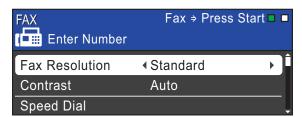
How to send a fax

The following steps show how to send a fax.

1 When the machine is idle, the time appears on the LCD. When you want to send a fax, or change fax send or receive settings, 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 down* in the ADF. (See *Using the ADF* on page 22.)
 - Load your document *face down* on the scanner glass. (See *Using the scanner glass* on page 22.)



- If you send a black & white fax from the ADF while 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 document can be up to Letter or A4 size.
- To send color faxes with multiple pages use the ADF.
- Since you can only scan one page at a time, it is easier to use the ADF if you are sending a multiple page document.

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

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

- Broadcasting
- Delayed Fax
- Batch TX
- Real Time TX
- Polled TX
- Polling RX
- Overseas Mode
- Fax Resolution
- Contrast
- Glass ScanSize
- 4 Enter the fax number.

Using the dial pad Using the Phone Book

■ Speed Dial

Using call history

- Outgoing Call
- Caller ID hist.

6 Press Black Start or Color Start.

Faxing from the ADF

The machine starts scanning the document.

Faxing from the scanner glass

If you press Black Start, the machine starts scanning the first page.

Do one of the following:

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

The machine starts sending the document.

- To send more than one page, press 1 to choose Yes and place the next page on the scanner glass. Press OK. The machine starts scanning the page. (Repeat this step for each additional page.)
- If you press Color Start, the machine starts sending the document.



To cancel, press Stop/Exit.

Setting scanner glass size for faxing

When documents are A4 size, you need to set the Scan Size to A4. If you do not, the bottom portion of the faxes will be missing.

- 1 Press (FAX).
- Press ▲ or ▼ to choose
 Glass ScanSize.
- 3 Press ◀ or ▶ to choose A4 (or Letter). Press OK.



- You can save the setting you use most often by setting it as default. (See Setting your changes as the new default in chapter 3 in the Advanced User's Guide.)
- This setting is only available for sending documents from the scanner glass.

Color fax transmission

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

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

Canceling a fax in progress

If you want to cancel a fax while the machine is scanning, dialing 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 *only* if your fax is unsuccessful due to a transmission error. Off is the default setting.
- Off+Image: Prints a report *only* if your fax is unsuccessful due to a transmission error. A portion of the fax's first page appears on the report.
- Press Menu.
- Press ▲ or ▼ to choose Fax. Press **OK**.
- Press ▲ or ▼ to choose Report Setting. Press **OK**.
- Press A or V to choose Transmission.
- 5 Press **∢** or **▶** to choose On, On+Image, Off or Off+Image. Press OK.
- 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. (See Real Time Transmission in chapter 3 in the Advanced User's Guide.)
- If your transmission is successful, "OK" will appear next to "RESULT" on the Transmission Verification Report. If transmission is not successful, "NG" will appear next to "RESULT".

5

Receiving a fax

Receive modes

Choose the correct Receive Mode

The correct Receive Mode is determined by the external devices and telephone subscriber services (Voice Mail, Distinctive Ring, etc.) you have (or will be using) on the same line as the Brother machine.

Will you be using a Distinctive Ring number for receiving faxes?

Brother uses the term "Distinctive Ring" but different telephone companies may have other names for this service, such as Custom Ringing, RingMaster, Personalized Ring, Teen Ring, Ident-A-Ring, Ident-A-Call, Data Ident-A-Call, Smart Ring and SimpleBiz Fax & Alternate Number Ringing. (See *Distinctive Ring* on page 33 for instructions on setting up your machine using this feature.)

Will you be using Voice Mail on the same telephone line as your Brother machine?

If you have Voice Mail on the same telephone line as your Brother machine, there is a strong possibility that Voice Mail and the Brother machine will conflict with each other when receiving incoming calls. (See *Voice Mail* on page 32 for instructions on setting up your machine using this service.)

Will you be using a Telephone Answering Device on the same telephone line as your Brother machine?

Your external telephone answering device (TAD) will automatically answer every call. Voice messages are stored on the external TAD and fax messages are printed. Choose External TAD as your receive mode. (See Connecting an external TAD (telephone answering device) on page 35.)

Will you be using your Brother machine on a dedicated fax line?

Your machine automatically answers every call as a fax. Choose Fax Only as your receive mode. (See *Fax Only* on page 29.)

Will you be using your Brother machine on the same line as your telephone?

Do you want to receive voice calls and faxes automatically?

The Fax/Tel receive mode is used when sharing the Brother machine and your telephone on the same line. Choose Fax/Tel as your receive mode. (See Fax/Tel on page 29.)

Important Note: You cannot receive voice messages on either Voice Mail or an answering machine with the Fax/Tel mode.

Do you expect to receive very few faxes?

Choose Manual as your receive mode. You control the telephone line and must answer every call yourself. (See *Manual* on page 29.)

Chapter 5

To set the receive mode follow the instructions below:

- 1 Press Menu.
- Press A or V to choose Initial Setup. Press OK.
- 3 Press A or ▼ to choose Receive Mode.
- 4 Press ◀ or ▶ to choose Fax Only, Fax/Tel, External TAD or Manual. Press OK.
- 5 Press **Stop/Exit**.
 The LCD will show the current receive mode.

Using receive modes

Some receive modes answer automatically (Fax Only and Fax/Tel). You may want to change the ring delay before using these modes. (See *Ring Delay* on page 30.)

Fax Only

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

Fax/Tel

Fax/Tel mode helps you automatically manage incoming calls, by recognizing whether they are fax or voice calls and handling 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 pseudo/double-ring made by your machine.

(Also see *F/T Ring Time (Fax/Tel mode only)* on page 30 and *Ring Delay* on page 30.)

Manual

Manual mode turns off all automatic answering functions unless you are using the Distinctive Ring feature.

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

(Also see Easy Receive on page 31.)

External TAD

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

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

(For more information see Connecting an external TAD (telephone answering device) on page 35.)

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, keep the ring delay setting of 4 rings.

(See Using external and extension telephones on page 38 and Easy Receive on page 31.)

- 1 Press Menu.
- Press ▲ or ▼ to choose Fax. Press OK.
- 3 Press A or V to choose Setup Receive. Press OK.
- 4 Press ▲ or ▼ to choose Ring Delay.
- 5 Press ◀ or ▶ to choose how many times the line rings before the machine answers. Press OK.

If you choose 0, the line will not ring at all.

6 Press Stop/Exit.

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

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

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

Because the F/T Ring is made by the machine, extension and external telephones will *not* ring; however, you can still answer the call on any telephone. (For more information see *Using remote codes* on page 39.)

- 1 Press Menu.
- Press ▲ or ▼ to choose Fax. Press OK.
- 3 Press ▲ or ▼ to choose Setup Receive. Press OK.
- Press ▲ or ▼ to choose F/T Ring Time.
- Press ◀ or ▶ to choose how long the machine will ring to alert you that you have a voice call (20, 30, 40 or 70 seconds). Press OK.
- 6 Press Stop/Exit.



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

Easy Receive

If Easy Receive is On:

The machine can receive a fax automatically, even if you answer the call. When you see Receiving on the LCD or hear a click on the phone line through the handset you are using, just replace the handset. Your machine will do the rest.

If Easy Receive is Off:

If you are at the machine and answered a call first by lifting a handset, then press **Black Start** or **Color Start**, and then press **2** to receive.

If you answered at an extension telephone press * **5 1**. (See *Using external and extension telephones* on page 38.)



- 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 fax receive code * 5 1.
- If you send faxes from a computer on the same telephone line and the machine intercepts them, set Easy Receive to Off.
- 1 Press Menu.
- Press ▲ or ▼ to choose Fax.
 Press OK.
- 3 Press ▲ or ▼ to choose
 Setup Receive.
 Press OK.
- 4 Press ▲ or ▼ to choose Easy Receive.
- 5 Press ◀ or ▶ to choose on (or off).
 Press OK.
- 6 Press Stop/Exit.

6

Telephone services and external devices

Telephone services

Your machine supports the Caller ID and Distinctive Ring subscriber telephone services that some telephone companies offer.

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

Voice Mail

If you have Voice Mail on the same telephone line as your Brother machine, Voice Mail and the Brother machine will conflict with each other when receiving incoming calls.

For example, if your Voice Mail is set to answer after 4 rings and your Brother machine is set to answer after 2 rings, then your Brother machine will answer first. This will prevent callers from being able to leave a message in your Voice Mail.

Similarly, if your Brother machine is set to answer after 4 rings and your Voice Mail is set to answer after 2 rings, then your Voice Mail will answer first. This will prevent your Brother machine from being able to receive an incoming fax, since Voice Mail cannot transfer the incoming fax back to the Brother machine.

To avoid conflicts between your Brother machine and your Voice Mail service, do one of the following:

Get the Distinctive Ring service from your telephone company. Distinctive Ring is a feature of your Brother machine that allows a person with one line to receive fax and voice calls through two different phone numbers on that one line. Brother uses the term "Distinctive Ring," but telephone companies market the service under a variety of names, such as Custom Ringing, Personalized Ring, Smart Ring, RingMaster, Ident-A-Ring, Ident-A-Call, Data Ident-A-Call, Teen Ring, and SimpleBiz Fax & Alternate Number Ringing. This service establishes a second telephone number on the same line as your existing telephone number, and each number has its own ring pattern. Typically, the original number rings with the standard ring pattern and is used for receiving voice calls, and the second number rings with a different ring pattern and is used for receiving faxes. (See Distinctive Ring on page 33.)

OR

Set your Brother machine's Receive Mode to "Manual". Manual Mode requires that you answer every incoming call if you want to be able to receive a fax. If the incoming call is a telephone call, then complete the call as you normally would. If you hear fax sending tones you must transfer the call to the Brother machine. (See *Using external and extension telephones* on page 38.) Unanswered fax and voice calls will go to your Voice Mail. (To set the machine in **MANUAL** Mode, see *Choose the correct Receive Mode* on page 27.)

Distinctive Ring

Distinctive Ring is a function of your Brother machine that allows a person with one line to receive fax and voice calls through two different phone numbers on that one line. Brother uses the term "Distinctive Ring", but telephone companies market the service under a variety of names, such as Smart Ring, Ring Master or Ident-a-Ring. This service establishes a second telephone number on the same line as your existing telephone number, and each number has its own ring pattern. Typically, the original number rings with the standard ring pattern and is used for receiving voice calls, and the second number rings with a different ring pattern and is used for receiving faxes.



- You must pay for your telephone company's Distinctive Ring service before you program the machine to work with it.
- Please call your telephone company for availability and rates.

What does your telephone company's "Distinctive Ring" do?

Your telephone company's Distinctive Ring service allows you to have more than one number on the same telephone line. If you need more than one telephone number, it is cheaper than paying for an extra line. Each telephone number has its own distinctive ring pattern, so you will know which telephone number is ringing. This is one way you can have a separate telephone number for your machine.

What does Brother's "Distinctive Ring" do?

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

Do you have Voice Mail?

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

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



You can change or cancel the Distinctive Ring pattern at any time. You can switch it off temporarily, and turn it back on later. When you get a new fax number, make sure you reset this feature.

Before you choose the ring pattern to register

You can only register one Distinctive Ring pattern with the machine. Some ring patterns cannot be registered. The ring patterns below are supported by your Brother machine. Register the one your telephone company gives you.

Ring Pattern	Rings	
1	long-long	7
2	short-long-short	
3	short-short-long	
4	very long (normal pattern)	7



Ring Pattern #1 is often called Short-Short and is the most commonly used. If the ring pattern you received is not on this chart, please call your telephone company and ask for one that is shown.

- The machine will only answer calls to its registered number.
- The first two rings are silent on the machine. This is because the fax must "listen" to the ring pattern (to compare it to the pattern that was "registered"). (Other telephones on the same line will ring.)
- If you program the machine properly, it will recognize the registered ring pattern of the "fax number" within 2 ring patterns and then answer with a fax tone. When the "voice number" is called, the machine will not answer.

Registering the Distinctive Ring pattern

Very Important!

After you have set the Distinctive Ring feature to On, your Distinctive Ring number will receive faxes automatically. The receive mode is automatically set to Manual and you cannot change it to another receive mode while Distinctive Ring is set to On. This ensures the Brother machine will only answer the Distinctive Ring number and not interfere when your main telephone number is called.

- 1 Press Menu.
- Press ▲ or ▼ to choose Fax. Press OK.
- 3 Press ▲ or ▼ to choose
 Miscellaneous.
 Press OK.
- Press A or ▼ to choose Distinctive. Press OK.
- 5 Press A or V to choose Set. Press OK.
- 6 Press ▲ or ▼ to choose the stored ring pattern you want to use. Press OK. (You hear each pattern as you scroll through the four patterns. Make sure you choose the pattern that the telephone company gave you.)
- 7 Press Stop/Exit.
 Distinctive Ring is now set to on.

Turning off Distinctive Ring

- 1 Press Menu.
- Press ▲ or ▼ to choose Fax.
 Press OK.
- 3 Press ▲ or ▼ to choose
 Miscellaneous.
 Press OK.
- Press ▲ or ▼ to choose Distinctive. Press OK.
- 5 Press ▲ or ▼ to choose Off. Press **OK**.
- 6 Press Stop/Exit.



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

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.



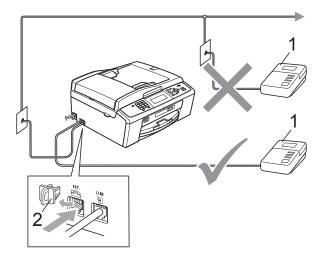
- If you do not receive all your faxes, shorten the Ring Delay setting on your external TAD.
- If You Subscribe to your Telephone company's Distinctive Ring Service:

You may connect an external TAD to a separate wall jack only if you subscribe to your telephone company's Distinctive Ring service, have registered the distinctive ring pattern on your machine, and use that number as a fax number. The recommended setting is at least four rings on the external TAD when you have the telephone company's Distinctive Ring Service. You cannot use the Toll Saver setting.

If You Do Not Subscribe to Distinctive Ring Service:

You must plug your TAD into the EXT. jack of your machine. If your TAD is plugged into a wall jack, both your machine and the TAD will try to control the telephone line. (See the illustration below.)

 Before you connect the external TAD, remove the protective cap (2) from the EXT. jack on the machine.



1 TAD

2 Protective Cap

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

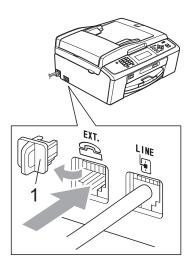
IMPORTANT

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

Connections

The external TAD must be plugged into the jack labeled EXT. Your machine cannot work properly if you plug the TAD into a wall jack (unless you are using Distinctive Ring).

- 1 Plug the telephone line cord from the telephone wall jack into the jack labeled LINE.
- 2 Remove the protective cap (1) from the jack labeled EXT, and then plug the telephone line cord from the external TAD into the EXT. jack. (Make sure this cord is connected to the TAD at the TAD's telephone line jack, and not its handset jack.)



- 3 Set your external TAD to four rings or less. (The machine's Ring Delay setting does not apply.)
- 4 Record the outgoing message on your external TAD.
- Set the TAD to answer calls.
- 6 Set the Receive Mode to

 External TAD. (See Choose the correct Receive Mode on page 27.)

Recording an outgoing message (OGM) on an external TAD

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

- 1 Record 5 seconds of silence at the beginning of your message. (This allows your machine time to listen for the fax CNG tones of automatic transmissions before they stop.)
- 2 Limit your speaking to 20 seconds.
- 3 End your 20-second message by giving your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or send a fax by pressing * 5 1 and Start."

Note

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

Multi-line connections (PBX)

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

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

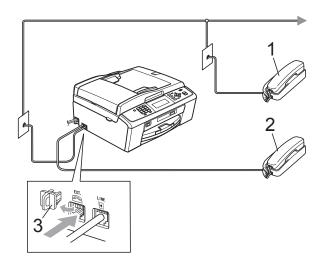
External and extension telephones

Connecting an external or extension telephone

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

Connect the telephone line cord to the jack labeled EXT.

Before you connect the external telephone, remove the protective cap (3) from the EXT. jack on the machine.



- 1 Extension telephone
- 2 External telephone
- 3 Protective Cap

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

Using external and extension telephones

Using extension telephones

If you answer a fax call at an extension telephone, you can make your machine receive the fax by pressing the Fax Receive Code * 5 1.

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at an extension telephone by pressing the Telephone Answer Code # 5 1. (See *F/T Ring Time (Fax/Tel mode only)* on page 30.)

Using an external telephone (connected to the EXT. jack of the machine)

If you answer a fax call at the external telephone connected to the EXT. jack of the machine, you can make the machine receive the fax by pressing **Black Start** and choose Receive.

You can also use the Fax Receive code * 5 1.

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

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 Easy Receive feature to make your machine automatically take the call. (See *Easy Receive* on page 31.)

Using a non-Brother cordless external telephone

If your non-brother cordless telephone is connected to the EXT. jack of the machine and you typically carry the cordless handset elsewhere, it is easier to answer calls during the Ring Delay.

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

Using remote codes

Fax Receive code

If you answer a fax call on an extension telephone, you can tell your machine to receive it by dialing the Fax Receive Code * **5 1**. Wait for the chirping sounds and then replace the handset. (See *Easy Receive* on page 31.)

If you answer a fax call at the external telephone connected to the EXT. jack of the machine, you can make the machine receive the fax by pressing **Black Start** and choosing Receive.

Telephone Answer Code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T (pseudo/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 pseudo/double-rings for you to take over, you can take the call at the external telephone connected to the EXT. jack of the machine by pressing **Hook**.

Changing the remote codes

The preset Fax Receive Code is * 5 1. The preset Telephone Answer Code is # 5 1. If you want to, you can replace them with your own codes.

- 1 Press Menu.
- Press **A** or **V** to choose Fax. Press **OK**.
- 3 Press ▲ or ▼ to choose
 Setup Receive.
 Press OK.
- 4 Press A or V to choose Remote Codes.
- 5 Press ◀ or ▶ to choose On (or Off). Press OK.
- 6 Enter the new Fax Receive Code. Press **OK**.
- Press ▲ or ▼ to choose Tel Answer: and enter the new Telephone Answer Code. Press OK.
- 8 Press Stop/Exit.



- If you are always disconnected when accessing your external TAD remotely, try changing the Fax Receive Code and Telephone Answer Code to another threedigit code (such as ### and 9 9 9).
- Remote Codes might not work with some telephone systems.

Dialing and storing numbers

How to dial

Manual dialing

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



Speed Dialing

1 Press (Speed Dial).



Or, you can press (FAX) and then press ▲ or ▼ to choose Speed Dial and press OK.

- Press ▲ or ▼ to choose Search.
 Press OK.
- 3 Do one of the following:
 - Press A or ▼ to choose
 Alphabetic Order or
 Numeric Order.
 Press OK
 - Press the 2-digit Speed Dial number using the dial pad. (See Storing Speed Dial numbers on page 41.)

- Press ▲ or ▼ to choose the number you want to dial.

 Press OK.
- 5 Press Send a fax to confirm.



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

Search

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

- 1 Press (Speed Dial).

 Or, you can press (FAX) and then press or to choose

 Speed Dial and press OK.
- 2 Press ▲ or ▼ to choose Search.
 Press OK.
- 3 Press ▲ or ▼ to choose
 Alphabetic Order or
 Numeric Order.
 Press OK.



- Press * to make the LCD font size larger.
- Press # to make the LCD font size smaller.
- 4 If you chose Alphabetic Order in step ③, use the dial pad to enter the first letter of the name, and then press ▲ or ▼ to choose the name and number you want to call.

 Press OK.

Fax Redial

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

Redial/Pause only works if you dialed from the control panel. *If you are sending a fax automatically* and the line is busy, the machine will automatically redial once after five minutes.

- 1 Press Redial/Pause.
- Press ▲ or ▼ to choose the number you want to redial.

 Press OK.
- 3 Press A or ▼ to choose Send a fax. Press OK.
- 4 Press Black Start or Color Start.



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

Storing numbers

You can set up your machine to do the following types of easy dialing: 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

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

Storing Speed Dial numbers

Names and numbers can be stored in 2-digit Speed Dial locations. You can store up to 100 different Speed Dial numbers. When you dial you will only have to press a few keys (for example: (Speed Dial), Search, OK, the 2-digit number, and Black Start or Color Start).

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

- 4 Do one of the following:
 - Enter the name (up to 16 characters) using the dial pad.

Press OK.

(To help you enter letters, see *Entering Text* on page 100.)

- To store the number without a name, press **OK**.
- 5 Enter the fax or telephone number (up to 20 digits).
 Press **OK**.
- 6 Do one of the following:
 - Enter the second fax or telephone number (up to 20 digits).

Press OK.

- If you do not want to store a second number, press **OK**.
- 7 Press ▲ or ▼ to choose Complete.
 Press OK.
- 8 Do one of the following:
 - To store another Speed Dial number, go to step ③.
 - If you are finished storing numbers, press Stop/Exit.

Changing Speed Dial names or numbers

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

- 1 Press (Speed Dial).
- Press ▲ or ▼ to choose
 Set Speed Dial.
 Press OK.
- 3 Press ▲ or ▼ to choose the 2-digit Speed Dial location you want to change. Press **OK**.

- 4 Do one of the following:
 - Press A or V to choose Change.
 Press OK.
 - Press ▲ or ▼ to choose Delete. Press OK. Press 1 to confirm. Go to step ⑧.



How to change the stored name or number:

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

- If you want to change the name, press

 ▲ or ▼ to choose Name, then press ▶ and
 enter the new name using the dial pad
 (up to 16 characters).
 Press OK.
 (See Entering Text on page 100.)
- 6 If you want to change a Fax/Tel number, do one of the following:
 - If you want to change the first Fax/Tel number, press A or V to choose Fax/Tell:, then press > and enter the new fax or telephone number using the dial pad (up to 20 digits).

Press OK.

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

Press OK.

- If you want to change both numbers in this Speed Dial location, repeat this step and choose the other number.
- Press A or ▼ to choose Complete. Press OK.
- 8 Press Stop/Exit.

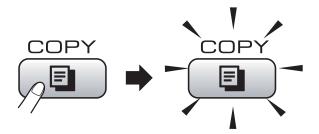
8

Making copies

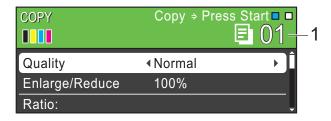
How to copy

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

- When you want to make a copy, press (COPY) to illuminate it in blue.
 - Make sure you are in copy mode.



■ The LCD shows:



1 No. of Copies

You can enter the number of copies you want 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. (See *Mode Timer* in *chapter 1* in the *Advanced User's Guide*.)

- 2 Do one of the following to load your document:
 - Place the document *face down* in the ADF.

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

- Load your document face down on the scanner glass.
 - (See *Using the scanner glass* on page 22.)
- If you want more than one copy, enter the number (up to 99).
- 4 Press Black Start or Color Start.

Stop copying

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

Copy settings

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

(Basic User's Guide)

For details about changing the following copy settings, see page 44.

- Paper Type
- Paper Size

(Advanced User's Guide)

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

- Quality
- Enlarge/Reduce
- Density
- Ink Save Mode
- Stack/Sort
- Page Layout
- Book Copy
- Watermark Copy
- Set New Default
- Factory Reset



- If you want to sort copies, use the ADF.
- Book Copy, Watermark Copy and Ink Save Mode features are supported by technology from Reallusion, Inc.



Paper Options

Paper Type

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

- 1 Press 🔳 (COPY).
- 2 Load your document.
- 3 Enter the number of copies you want.
- Press ▲ or ▼ to choose Paper Type.
- 5 Press ◀ or ▶ to choose Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy Or Transparency. Press OK.
- 6 If you do not want to change additional settings, press Black Start or Color Start.

Paper Size

If you are copying on paper other than Letter size, you will need to change the paper size setting. You can copy only on Letter, Legal, A4, A5, Executive or Photo $4" \times 6"$ (10×15 cm) paper.

- 1 Press 🔳 (COPY).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ▲ or ▼ to choose Paper Size.
- 5 Press

 or

 to choose Letter, Legal, A4, A5, Executive or 4"x 6". Press OK.
- 6 If you do not want to change additional settings, press Black Start or Color Start.

9

PhotoCapture Center[®]: Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center® operations

Even if your machine is *not* connected to your computer, you can print photos directly from digital camera media or a USB Flash memory drive. (See *Print Images* on page 48.)

You can scan documents and save them directly to a memory card or USB Flash memory drive. (See How to scan to a memory card or USB Flash memory drive on page 49.)

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

(See PhotoCapture Center® for Windows® or Remote Setup & PhotoCapture Center® for Macintosh in the Software User's Guide.)

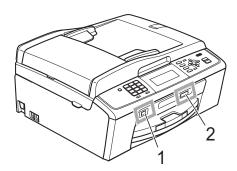
Using a memory card or USB Flash memory drive

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

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

Getting started

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



1 USB Flash memory drive



! IMPORTANT

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

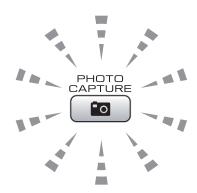
2 Memory card slot

Slot	Compatible memory cards	
Upper slot	4	Memory Stick™ Memory Stick PRO™
		Memory Stick Duo™ Memory Stick PRO Duo™
	(T	Memory Stick Micro™ (Adapter required)
Lower slot		SD SDHC
		mini SD (Adapter required) micro SD (Adapter required)

IMPORTANT

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

PHOTO CAPTURE key lights:



- PHOTO CAPTURE light is on, the memory card or USB Flash memory drive is properly inserted.
- PHOTO CAPTURE light is off, the memory card or USB Flash memory drive is not properly inserted.
- PHOTO CAPTURE 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 CAPTURE** key is blinking). **You will lose your data or damage the card.**

The machine can only read one memory card or USB Flash memory drive 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 proper slot.

Press (PHOTO CAPTURE).

- Press ▲ or ▼ to choose

 View Photo(s).

 Press OK.
- 3 Press ◀ or ▶ to choose your photo or movie.
- 4 Enter the number of copies you want using the dial pad.
- 5 Repeat step 3 and step 4 until you have chosen all the photos.



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

- 6 After you have chosen all the photos, do one of the following:
 - Press **OK** and change the print settings. (See *PhotoCapture* Center® print settings on page 48.)
 - If you do not want to change any settings, press Color Start to print.

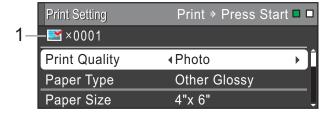
PhotoCapture Center® print settings

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

These settings are temporary, and the machine returns to its default settings 3 minutes after printing, unless you have set the Mode Timer to 2 minutes or less. (See *Mode Timer* in *chapter 1* in the *Advanced User's Guide*.)



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



1 No. of prints

(For View Photo(s), Search by Date, Slide Show)

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

(For Print All Photos, Print Photos, Enhance Photos, Trimming)

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

(For DPOF printing) This does not appear.

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

You can scan black & white and color documents into a memory card or USB Flash memory drive. Black & white documents will be stored in PDF (*.PDF) or TIFF (*.TIF) file formats. Color documents may be stored in PDF (*.PDF) or JPEG (*.JPG) file formats. The factory setting is Color 150 and the default file format is PDF. The machine automatically creates file names based on the current date. (For details, see the *Quick Setup Guide*.) For example, the fifth image scanned on July 1, 2010 would be named 07011005.PDF. You can change the color and quality.

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

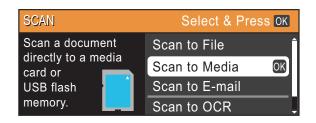
1 Make sure you have put the memory card or USB Flash memory drive in the proper slot.

• IMPORTANT

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

- 2 Load your document.
- When you want to scan to a memory card or USB Flash memory drive, press (SCAN).

4 Press ▲ or ▼ to choose Scan to Media.



Press OK.

- 5 Do one of the following:
 - To change the quality, press \(\Delta \) or \(\Tilde{\text{to}} \) choose Quality.

Go to step 6.

- Press Black Start or Color Start to start scanning without changing additional settings.
- 6 Press ◀ or ▶ to choose Color 150, Color 300, Color 600, B/W 200x100 or B/W 200. Press OK.
- 7 Do one of the following:
 - To change the file type, go to step 3.
 - Press Black Start or Color Start to start scanning without changing additional settings.
- Press ▲ or ▼ to choose File Type. Press ◀ or ▶ to choose JPEG, PDF or TIFF.

Press OK.



- If you chose a Color resolution in step 6, you cannot choose TIFF.
- If you chose a B/W resolution in step 6, you cannot choose JPEG.

Chapter 9

- 9 Do one of the following:
 - To change the file name, go to step **①**.
 - Press Black Start or Color Start to start scanning without changing additional settings.
- The file name is set automatically; however, you can enter a name of your choice using the dial pad.

 Press ▲ or ▼ to choose File Name.

 Enter the new name. (See Entering Text on page 100.)

 You can only change the first 6 digits.

 Press OK.



Press Clear to delete the current name.

11 Press Black Start or Color Start.



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

10

How to print from a computer

Printing a document

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

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

- Install the Brother printer driver on the Installation CD-ROM. (See the *Quick Setup Guide*.)
- 2 From your application, choose the Print command.
- 3 Choose the name of your machine in the **Print** dialog box and click **Properties**.
- 4 Choose the settings you want in the Properties dialog box.
 - Media Type/Quality
 - Paper Size
 - Page Layout
 - **■** Color Settings
 - Scaling
 - Use Watermark
 - Print Date & Time
- 6 Click **OK**.
- 6 Click **OK** to begin printing.

How to scan to a computer

Scanning a document

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

- 1 To use the machine as a scanner, install a scanner driver. If the machine is on a Network, configure it with a TCP/IP address.
 - Install the scanner drivers on the Installation CD-ROM. (See the Quick Setup Guide and Scanning in the Software User's Guide.)
 - Configure the machine with a TCP/IP address if network scanning does not work. (See Configuring Network Scanning in the Software User's Guide.)
- 2 Load your document. (See How to load documents on page 22.)
 - Use the ADF to scan multiple pages of documents. It feeds each sheet automatically.
 - Use the scanner glass to scan a page of a book or one sheet at a time.
- 3 Do one of the following:
 - To scan using the **SCAN** key, go to Scanning using the scan key.
 - To scan using a scanner driver at your computer, go to Scanning using a scanner driver.

Scanning using the scan key

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

- 1 Press the **SCAN** key.
- 2 Choose the scan mode you want.
 - Scan to File
 - Scan to Media
 - Scan to E-mail
 - Scan to OCR ¹
 - Scan to Image
 - 1 (Macintosh users) This function is available after you download and install Presto! PageManager from http://nj.newsoft.com.tw/download/brother/ PM7Installer_BR_multilang.dmg
- (For network users)
 Choose the computer you want to send the data to.
- 4 Press **Start** to begin scanning.

Scanning using a scanner driver

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

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

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 4 cartridges. When the machine detects an ink cartridge is running out of ink, the machine will tell you with a message on the LCD.

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

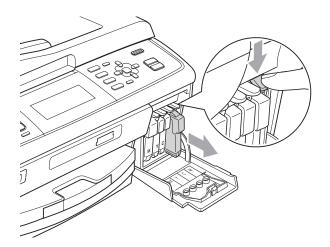
Even though the machine tells you to replace an ink cartridge, there will be a small amount of ink left in the ink cartridge. It is necessary to keep some ink in the ink cartridge to prevent air from drying out and damaging the print head assembly.

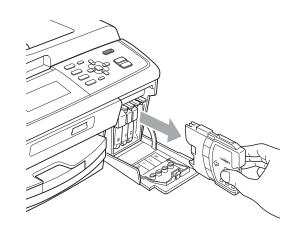
IMPORTANT

Brother strongly recommends that you do not refill the ink cartridges provided with your machine. We also strongly recommend that you continue to use only Genuine Brother Brand replacement ink cartridges. Use or attempted use of potentially incompatible ink and/or cartridges in the Brother machine may cause damage to the machine and/or may result in unsatisfactory print quality. Our warranty coverage does not apply to any problem that is caused by the use of unauthorized third party ink and/or cartridges. To protect your investment and obtain premium performance from the Brother machine, we strongly recommend the use of Genuine Brother Supplies.

- Open the ink cartridge cover.

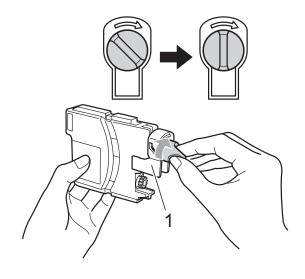
 If one or more of the ink cartridges have reached the end of their life, the LCD shows B&W Print Only or Cannot Print.
- Press the lock release lever as shown to release the cartridge for the color indicated on the LCD. Remove the cartridge from the machine.

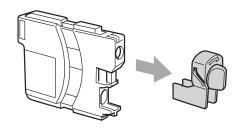




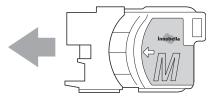
Open the new ink cartridge bag for the color shown on the LCD, and then take out the ink cartridge.

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

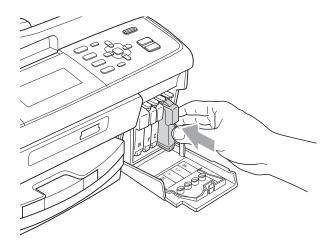




5 Each color has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.



6 Gently push in the ink cartridge 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 1 (Yes) to automatically reset the ink dot counter for that color. If the ink cartridge you installed is not a brand new one, be sure to press 2 (No).
- If the LCD shows No Ink Cartridge or Cannot Detect after you install the ink cartridges, check that the ink cartridges are installed properly.

A CAUTION

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

A

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 colors 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.

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 problem and shows a message. The most common error and maintenance messages are shown below.

You can correct most errors and clear routine maintenance messages 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/

	1-	I
Error Message	Cause	Action
B&W Print Only Replace Ink	One or more of the color ink cartridges have reached the end of their life.	Replace the ink cartridges. (See Replacing the ink cartridges
110p2a00 2	You can use the machine in black & white mode for approximately four weeks depending on the number of pages you print.	on page 53.)
	While this message appears on the LCD, each operation works in the following way:	
	■ Printing	
	If you click Grayscale in the Advanced tab of the printer driver you can use the machine as a black & white printer.	
	■ Copying	
	If the paper type is set to Plain Paper Or Inkjet Paper you can make copies in black & white.	
	■ Faxing	
	If the paper type is set to Plain Paper or Inkjet Paper, the machine will receive and print the faxes in black & white.	
	If a sending machine has a color fax, the machine's "handshake" will ask that the fax be sent as black & white.	
	If the paper type is set to Other Glossy, Brother BP71 or Brother BP61 the machine will stop all print operations. If you unplug the machine, or take out the ink cartridge, you cannot use the machine until you change to a new ink cartridge.	

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 not using Genuine Brother Innobella™ ink the machine may not detect the ink cartridge.	Use a new Genuine Brother Innobella™ Ink Cartridge. If the error is not cleared, call Brother Customer Service.
	An ink cartridge is not installed properly.	Take out the new ink cartridge and re-install it slowly until it clicks. (See Replacing the ink cartridges on page 53.)
Cannot Print Replace Ink	One or more of the ink cartridges have reached the end of their life. The machine will stop all print operations. While memory is available, black and white faxes will be stored in the memory. If a sending machine has a color fax, the machine's "handshake" will ask that the fax be sent as black & white. If the sending machine has the ability to convert it, the color fax will be stored in the memory as a black & white fax.	Replace the ink cartridges. (See Replacing the ink cartridges on page 53.)
Comm.Error	Poor telephone line quality caused a communication error.	Send the fax again or connect the machine to another telephone line. If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cover is Open	The scanner cover is not completely closed.	Lift the scanner cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Press Stop/Exit . The machine will cancel the job and clear it from the memory. Try to print again.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again.
Document Jam	The document was not inserted or fed properly, or the document scanned from the ADF was too long.	(See <i>Using the ADF</i> on page 22.) (See <i>Document jam</i> on page 64.)
DR Mode in Use	The machine is set to Distinctive Ring mode. You cannot change the Receive Mode from Manual to another mode.	Set Distinctive Ring to Off. (See Turning off Distinctive Ring on page 35.)
High Temperature	The print head is too warm.	Allow the machine to cool down.

Error Message	Cause	Action
Hub is Unusable.	A Hub or USB Flash memory drive with Hub has been connected to the USB direct interface.	A Hub or USB Flash memory drive with Hub are not supported. Unplug the device from the USB direct interface.
Image Too Long.	The proportions of your photo are irregular so effects could not be added.	Choose a regularly proportioned image.
Image Too Small.	The size of your photo is too small to trim.	Choose a larger image.
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. 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 a Brother Authorized Service Center to have your machine serviced. (See Brother numbers on page i.) Other reasons for cleaning are: 1 Machine automatically cleans after clearing a printer jam. 2 Machine automatically cleans after sitting idle for more than 45 days (infrequent use).
Ink Absorber NearFull	The ink absorber box or flushing box is nearly full.	The ink absorber box or flushing box will need to be replaced. Call Brother Customer Service or a Brother Authorized Service Center to have your machine serviced. (See <i>Brother numbers</i> on page i.)

Error Message	Cause	Action
Ink low	One or more of the ink cartridges are near the end of their life. If a sending machine has a color fax to send, your machine's "handshake" will ask that the fax be sent as black & white. If the sending machine has the ability to convert it, the color fax will be printed at your machine as a black & white fax.	Order a new ink cartridge. You can continue printing until the LCD shows Cannot Print. (See Ordering accessories and supplies on page ii and Replacing the ink cartridges on page 53.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, improperly formatted, or there is a problem with the memory card.	Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB Flash memory drive you are using already contains 999 files.	Your machine can only save to your memory card or USB Flash memory drive if it contains less than 999 files. Try deleting unused files to free some space and try again.
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature call your telephone company. (See Caller ID in chapter 5 in the Advanced User's Guide.)
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 properly.	Take out the new ink cartridge and reinstall it slowly until it clicks. (See Replacing the ink cartridges on page 53.)

Error Message	Cause	Action
No Paper Fed	The Photo Bypass Tray is in the <i>Photo</i> printing position.	Verify that the Photo Bypass Tray is in the <i>Normal</i> printing position. (See step 4 and the Important note in <i>Loading photo paper</i> on page 13.)
	The machine is out of paper or paper	Do one of the following:
	is not properly loaded in the paper tray.	Refill the paper in the paper tray, and then press Black Start or Color Start.
		Remove the paper and load it again and then press Black Start or Color Start. (See Loading paper and other print media on page 9.)
	The paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Printer jam or paper jam</i> on page 65.
	The Jam Clear Cover is not closed properly.	Check the Jam Clear Cover is closed evenly at both ends. (See <i>Printer jam or paper jam</i> on page 65.)
No Response/Busy	The number you dialed does not answer or is busy.	Verify the number and try again.
Not Registered	You tried to access a Speed Dial number that is not programmed.	Set up the Speed Dial number. (See Storing Speed Dial numbers on page 41.)
Out of Fax Memory	The fax memory is full.	Do one of the following:
		■ Clear the data in the memory. To gain extra memory, you can turn off Memory Receive. (See <i>Turning off Memory Receive operations</i> in <i>chapter 4</i> in the <i>Advanced User's Guide</i> .)
		■ Print the faxes that are in the memory. (See <i>Printing a fax from the memory</i> in <i>chapter 4</i> in the <i>Advanced User's Guide</i> .)
Out of Memory	The machine's memory is full.	Copy operation in progress
		Do one of the following:
		Press Stop/Exit and wait until the other operations in progress finish and then try again.
	The memory card or USB Flash memory drive you are using does not have enough free space to scan the document.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.

Error Message	Cause	Action
Paper Jam	Paper is jammed in the machine.	Open the Jam Clear Cover (at the back of the machine) and pull out the jammed paper by following the steps in <i>Printer jam or paper jam</i> on page 65. 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.
Unable to Clean XX Unable to Init. XX Unable to Print XX Unable to Scan XX	The machine has a mechanical problem. —OR— A foreign object such as a paper clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects and paper scraps from inside the machine. If the error message continues, see <i>Transferring your faxes or Fax Journal report</i> on page 62 before disconnecting the machine so you will not lose any important messages. Then, disconnect the machine from the power for several minutes and reconnect it.
Unusable Device Disconnect device from front connector & turn machine off & then on	A broken device has been connected to the USB direct interface.	Unplug the device from the USB direct interface, then press On/Off to turn the machine off and then on again.
Unusable Device Please Disconnect USB Device.	A USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com/	Unplug the device from the USB direct interface.
Wrong Paper Size	Paper is not the correct size.	Check that the Paper Size setting matches the size of paper in the tray. Load the correct size of paper, and then press Black Start or Color Start. (See Paper Size on page 17.)

Error animation

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

Transferring your faxes or Fax Journal report

If the LCD shows:

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

We recommend transferring your faxes to another fax machine or to your PC. (See *Transferring faxes to another fax machine* on page 62 or *Transferring faxes to your PC* on page 63.)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (See *Transferring the Fax Journal report to another fax machine* on page 63.)

Transferring faxes to another fax machine

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

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- Press Menu.
- 3 Press ▲ or ▼ to choose Service.
 Press OK.
- 4 Press ▲ or ▼ to choose
 Data Transfer.
 Press OK.
- Fress ▲ or ▼ to choose Fax Transfer. Press OK.
- 6 Do one of the following:
 - If the LCD shows No Data, there are no faxes left in the machine's memory.

Press Stop/Exit.

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

В

Transferring faxes to your PC

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

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

Transferring the Fax Journal report to another fax machine

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

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

 Data Transfer.

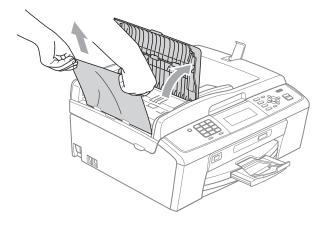
 Press OK.
- 5 Press ▲ or ▼ to choose
 Report Trans.
 Press OK.
- 6 Enter the fax number to which the Fax Journal report will be forwarded.
- 7 Press Black Start.

Document jam

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

Document is jammed in the top of the ADF unit

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



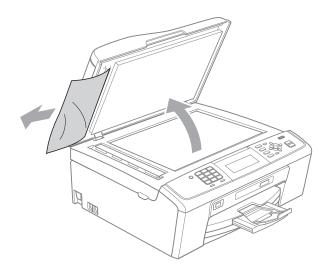
- 4 Close the ADF cover.
- 5 Press Stop/Exit.

IMPORTANT

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

Document is jammed inside the ADF unit

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



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

Printer jam or paper jam

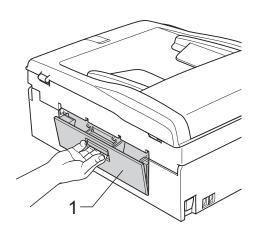
Take out the jammed paper depending on where it is jammed in the machine.

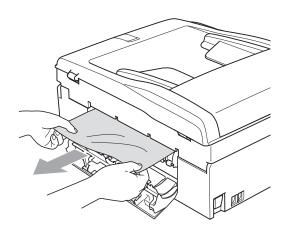
1 Unplug the machine from the AC power outlet.

IMPORTANT

Before you unplug the machine from the power source, you can transfer your faxes that are stored in the memory to your PC or another fax machine so you will not lose any important messages. (See *Transferring your faxes or Fax Journal report* on page 62.)

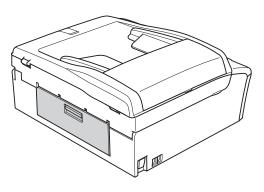
2 Open the Jam Clear Cover (1) at the back of the machine. Pull the jammed paper out of the machine.



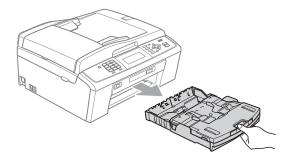


3 Close the Jam Clear Cover.

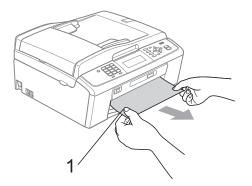
Make sure the cover is closed properly.



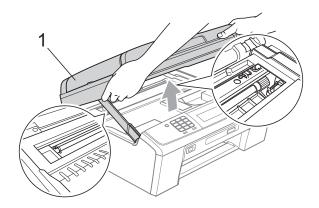
4 If the paper support flap is open, close it, and then close the paper support. Pull the paper tray completely out of the machine.



5 Pull out the jammed paper (1).



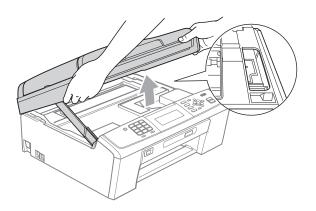
6 Using both hands, grasp the plastic tabs on both sides of the machine and lift the scanner cover (1) until it locks securely in the open position.



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



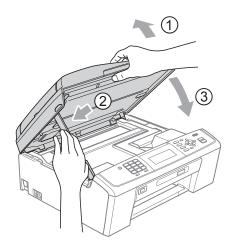
If the print head is at the right corner as shown in the illustration, you cannot move it. Re-connect the power cord, then hold down **Stop/Exit** until the print head moves to the middle. Unplug the machine from the power source, and take out the paper.



IMPORTANT

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

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



- 8 Push the paper tray firmly back into the machine.
- 9 While holding the paper tray in place, pull out the paper support (1) until it clicks, and then unfold the paper support flap (2).



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

! IMPORTANT

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

10 Re-connect the power cord.

Troubleshooting

! IMPORTANT

For technical help, you must call the country where you bought the machine. Calls must be made *from within* that country.

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

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

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout.	Check the interface cable or wireless connection on both the machine and your computer. (See the <i>Quick Setup Guide</i> .)
	Check that the machine is plugged in and that the On/Off key is on.
	One or more ink cartridges have reached the end of their life. (See <i>Replacing the ink cartridges</i> on page 53.)
	Check to see if the LCD is showing an error message. (See Error and Maintenance messages on page 56.)
	If the LCD shows Cannot Print and Replace Ink, see Replacing the ink cartridges on page 53.
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. Click Start and then Printers and Faxes . Right-click and choose Brother MFC-XXXXX (where XXXXX is your model name), and make sure that Use Printer Offline is unchecked.
	When you choose the Print Odd Pages and Print Even Pages settings, you may see a print error message on your computer, as the machine pauses during the printing process. The error message will disappear after the machine re-starts printing.

Printing (continued)

Difficulty	Suggestions
Poor print quality.	Check the print quality. (See Checking the print quality in appendix A in the Advanced User's Guide.)
	Make sure that the Media Type setting in the printer driver or the Paper Type setting in the machine's menu matches the type of paper you are using. (See
	Printing for Windows [®] or Printing and Faxing for Macintosh in the Software User's Guide and Paper Type on page 17.)
	Make sure that your ink cartridges are fresh. The following may cause ink to clog:
	■ The expiration date written on the cartridge package has passed. (Genuine Brother Innobella™ ink 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 properly before use.
	Make sure you are using Genuine Brother Innobella™ Ink. Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.
	Try using the recommended types of paper. (See Acceptable paper and other print media on page 18.)
	The recommended environment for your machine is between 68 °F to 91 °F (20 °C to 33 °C).
White horizontal lines appear in text or graphics.	Clean the print head. (See Cleaning the print head in appendix A in the Advanced User's Guide.)
	Make sure you are using Genuine Brother Innobella™ Ink.
	Try using the recommended types of paper. (See Acceptable paper and other print media on page 18.)
The machine prints blank pages.	Clean the print head. (See Cleaning the print head in appendix A in the Advanced User's Guide.)
	Make sure you are using Genuine Brother Innobella™ Ink.
Characters and lines are stacked.	Check the printing alignment. (See <i>Checking the print alignment</i> in <i>appendix A</i> in the <i>Advanced User's Guide</i> .)
Printed text or images are skewed.	Make sure the paper is loaded properly in the paper tray and the paper side guides are adjusted correctly. (See <i>Loading paper and other print media</i> on page 9.)
	Make sure the Jam Clear Cover is closed properly.
Smudged stain at the top center of the printed page.	Make sure the paper is not too thick or curled. (See Acceptable paper and other print media on page 18.)
Smudged stain at the right or left corner of the printed page.	Make sure the paper is not curled when you print on the back side of the paper with the Print Odd Pages and Print Even Pages settings.
Printing appears dirty or ink seems to run.	Make sure you are using the recommended types of paper. (See Acceptable paper and other print media on page 18.) Don't handle the paper until the ink is dry.
	Make sure you are using Genuine Brother Innobella™ Ink.
	If you are using photo paper, make sure that you have set the correct paper type. If you are printing a photo from your PC, set the Media Type in the Basic tab of the printer driver.
Stains appear on the reverse side or at the bottom of the page.	Make sure the printer platen is not dirty with ink. (See Cleaning the machine's printer platen in appendix A in the Advanced User's Guide.)
	Make sure you are using Genuine Brother Innobella™ Ink.
	Make sure you are using the paper support flap. (See Loading paper and other print media on page 9.)

Printing (continued)

Difficulty	Suggestions
The machine prints dense lines on the page.	Check Reverse Order in the Basic tab of the printer driver.
The printouts are wrinkled.	In the printer driver Advanced tab, click Color Settings, and uncheck
	Bi-Directional Printing for Windows® or Bi-Directional Printing for Macintosh.
	Make sure you are using Genuine Brother Innobella™ Ink.
Cannot perform "Page Layout" printing.	Check that the paper size setting in the application and in the printer driver are the same.
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time. Try the other quality settings in the printer driver Advanced tab. Also, click Color Settings , and make sure you uncheck
	Color Enhancement (True2Life®).
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See <i>Printing</i> for Windows [®] or <i>Printing and Faxing</i> for Macintosh in the <i>Software User's Guide</i> .)
True2Life [®] is not working properly.	If the image data is not full color in your application (such as 256 color), True2Life [®] will not work. Use at least 24 bit color data with the True2Life [®] feature.
Photo paper does not feed properly.	When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
	Clean the paper pick-up rollers. (See Cleaning the paper pick-up rollers in appendix A in the Advanced User's Guide.)
Machine feeds multiple pages.	Make sure the paper is loaded properly in the paper tray. (See <i>Loading paper and other print media</i> on page 9.)
	Check that more than two types of paper are not loaded in the paper tray at any one time.
There is a paper jam.	Make sure the paper length guide is set to the correct paper size. Do not extend the paper tray when you load A5 or smaller size paper. (See <i>Printer jam or paper jam</i> on page 65.)
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See Loading paper and other print media on page 9.)
Machine does not print from Adobe [®] Illustrator [®] .	Try to reduce the print resolution. (See <i>Printing</i> for Windows [®] or <i>Printing</i> and <i>Faxing</i> for Macintosh in the <i>Software User's Guide</i> .)

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 color fax prints only in black & white.	Replace the color ink cartridges that have reached the end of their life, and then ask the other person to send the color fax again. (See <i>Replacing the ink cartridges</i> on page 53.)
Left and Right margins are cut off or a single page is printed on two pages.	Turn on Auto Reduction. (See <i>Printing a reduced incoming fax</i> in <i>chapter 4</i> in the <i>Advanced User's Guide</i> .)

Telephone Line or Connections

Difficulty	Suggestions
Dialing does not work. (No dial tone)	Check that the machine is plugged in and that the On/Off key is on.
	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine.
	(Canada only) Change the Tone/Pulse setting. (See <i>Tone/Pulse (Canada only)</i> in chapter 5 in the Advanced User's Guide.)
	Verify that the telephone line and jack are working by connecting a known working telephone and telephone line to the jack. Then 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 jack.
The machine does not answer when called.	Make sure the machine is in the correct Receive Mode for your setup. (See <i>Choose the correct Receive Mode</i> on page 27.) Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check that the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. 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.	Make sure your machine has a dial tone by pressing the Hook key. If you hear static or interference on your fax line, please contact your local telephone company.
	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If you subscribe to DSL or VoIP services, please contact your service provider for connection instructions.
	Make sure the machine is in the correct Receive Mode. This is determined by the external devices and telephone subscriber services you have on the same line as the Brother machine. (See <i>Choose the correct Receive Mode</i> on page 27.)
	If you have a dedicated fax line and want your Brother machine to automatically answer all incoming faxes, you should select Fax Only mode.
	If your Brother machine shares a line with an external answering machine, you should select the <code>External TAD</code> mode. In <code>External TAD</code> mode, your Brother machine will automatically receive incoming faxes and voice callers will be able to leave a message on your answering machine.
	If your Brother machine shares the line with a Voice Mail subscriber service, please see <i>Voice Mail</i> on page 32.
	If your Brother machine is on a line with the Distinctive Ring subscriber service, please see <i>Distinctive Ring</i> on page 33.
	If your Brother machine shares a line with other telephones and you want it to automatically answer all incoming faxes, you should select the ${\tt Fax/Tel}$ mode. In ${\tt Fax/Tel}$ mode, your Brother machine will automatically receive faxes and produce a pseudo/double-ring to alert you to answer voice calls.
	If you do not want your Brother machine to automatically answer any incoming faxes, you should select the Manual mode. In Manual mode, you must answer every incoming call and activate the machine to receive faxes.

Receiving Faxes (continued)

Suggestions
Another device or service at your location may be answering the call before your Brother machine answers. To test this, lower the ring delay setting:
■ If the answer mode is set to Fax Only or Fax/Tel, reduce the ring delay to 1 ring. (See <i>Ring Delay</i> on page 30.)
■ If the answer mode is set to External TAD, reduce the number of rings programmed on your answering machine to 2.
■ If the answer mode is set to Manual, DO NOT adjust the ring delay setting.
Have someone send you a test fax:
■ If you received the test fax successfully, your machine is operating properly. Remember to reset your ring delay or answering machine setting back to your original setting. If receiving problems recur after resetting the ring delay, then a person, device, or subscriber service is answering the fax call before the machine has a chance to answer.
If you were not able to receive the fax, then another device or subscriber service may be interfering with your fax reception or there may be a problem with your fax line.
If you are using a telephone answering machine (External TAD mode) on the same line as the Brother machine, make sure your answering machine is set up correctly. (See <i>Connecting an external TAD (telephone answering device)</i> on page 35.)
Plug the telephone line cord directly from the wall telephone jack to your Brother machine's LINE jack.
2 Remove the protective cap from your Brother machine's EXT. jack, and then plug the telephone line cord from your answering machine into the EXT. jack.
3 Set your answering machine to answer within 4 rings. If you are having problems receiving faxes or voice messages, set your answering machine to answer within 2 or 3 rings.
4 Record the outgoing message on your answering machine.
Record five seconds of silence at the beginning of your outgoing message.
■ Limit your speaking to 20 seconds.
End your outgoing message with your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press * 5 1 and Start to send a fax."
5 Set your answering machine to answer calls.
6 Set your Brother machine's Receive Mode to External TAD. (See Choose the correct Receive Mode on page 27.)
Make sure your Brother machine's Easy Receive feature is turned On. Easy Receive is a feature that allows you to receive a fax even if you have answered the call on an external or extension telephone. (See <i>Easy Receive</i> on page 31.)
If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to <code>Basic(for VoIP)</code> . (See Telephone line interference / VoIP on page 77.)

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 jack and the LINE jack 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. (See <i>Reports</i> in <i>chapter 6</i> in the <i>Advanced User's Guide</i> .)
Transmission Verification Report says "RESULT:NG".	There is probably temporary noise or static on the line. Try sending the fax again. If you send a PC FAX message and get "RESULT:NG" on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Memory Receive (see <i>Turning off Memory Receive operations</i> in <i>chapter 4</i> in the <i>Advanced User's Guide</i>), print fax messages in memory (see <i>Printing a fax from the memory</i> in <i>chapter 4</i> in the <i>Advanced User's Guide</i>) or cancel a Delayed Fax or Polling Job (see <i>Canceling a fax in progress</i> on page 25 and <i>Checking and canceling waiting jobs</i> in <i>chapter 3</i> in the <i>Advanced User's Guide</i>). If the problem continues, ask the telephone company to check your telephone line.
	If you often get transmission errors due to possible interference on the telephone line, try changing the menu setting of Compatibility to Basic (for VoIP). (See Telephone line interference / VoIP on page 77.)
Sent faxes are blank.	Make sure you are loading the document properly. (See <i>Loading documents</i> on page 22.)
Poor fax send quality.	Try changing your resolution to Fine or S.Fine. Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner. (See Cleaning the scanner in appendix A in the Advanced User's Guide.)
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See <i>Cleaning the scanner</i> in appendix A in the <i>Advanced User's Guide</i> .)

Handling Incoming Calls

Difficulty	Suggestions
The machine "Hears" a voice as a CNG Tone.	If Easy Receive 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 Easy Receive to Off. (See <i>Easy Receive</i> on page 31.)
Sending a fax call to the machine.	If you answered on an extension telephone, press your Fax Receive Code (the factory setting is * 5 1). If you answered on the external telephone (connected to the EXT. jack), press Start to receive the fax. When your machine answers, hang up.

Handling Incoming Calls (continued)

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

Copying Difficulties

Difficulty	Suggestions
Cannot make a copy.	Make sure that the COPY key is illuminated.
Poor copy results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 22.)
Vertical black lines or streaks appear in copies.	Vertical black lines or streaks on copies are typically caused by dirt or correction fluid on the scanner. Clean the glass strip and scanner glass and the white bar and white plastic above them. (See <i>Cleaning the scanner</i> in <i>appendix A</i> in the <i>Advanced User's Guide</i> .)
Copies are blank.	Make sure you are loading the document properly. (See <i>Loading documents</i> on page 22.)
Fit to Page does not work properly.	Make sure the document is not skewed on the scanner glass. 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™11SE with OCR, click File , Scan or Get Photo and click Select to choose the Brother TWAIN or WIA driver.
TWAIN or ICA errors appear when starting to scan. (Macintosh)	Make sure the Brother TWAIN driver is chosen as the primary source. In PageManager, click File , Select Source , TWAIN and choose the Brother TWAIN driver. Mac OS X 10.6.x users can also scan documents using the ICA Scanner Driver. See Scanning a document using the ICA driver (Mac OS X 10.6.x) in the Software User's Guide.
Poor scanning results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 22.)
OCR does not work.	Try increasing the scanner resolution.
	(Macintosh users)
	Make sure you have finished downloading and installing Presto! PageManager from http://nj.newsoft.com.tw/download/brother/PM7installer_BR_multilang.dmg

Software Difficulties

Difficulty	Suggestions
Cannot install software or print.	(Windows [®] users only) Run the Repair MFL-Pro Suite program on the Installation CD-ROM. This program will repair and reinstall the software.
"Device Busy"	Make sure the machine is not showing an error message on the LCD.
Cannot print images from FaceFilter Studio.	To use FaceFilter Studio, you must install the FaceFilter Studio application from the Installation CD-ROM supplied with your machine. To install FaceFilter Studio see the <i>Quick Setup Guide</i> .
	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	1 Have you installed the Windows® 2000 update? If not, do the following:
properly.	1) Unplug the USB cable.
	2) Install the Windows [®] 2000 update using one of the following methods.
	Install MFL-Pro Suite from the Installation CD-ROM. (See the Quick Setup Guide.)
	Download the latest service pack from the Microsoft Web site.
	 Wait about 1 minute after you restart the PC, and then connect the USB cable.
	Take out the memory card or USB Flash memory drive and put it back in again.
	3 If you have tried "Eject" from within Windows [®] , take out the memory card or USB Flash memory drive before you continue.
	4 If an error message appears when you try to eject the memory card or USB Flash memory drive, it means the card is being accessed. Wait a while and then try again.
	5 If all of the above do not work, turn off your PC and machine, and then turn them on again. (You will have to unplug the power cord of the machine to turn it off.)
Cannot access Removable Disk from Desktop icon.	Make sure that you have correctly inserted the memory card or USB Flash memory drive.
Part of my photo is missing when printed.	Make sure that Borderless printing and Cropping are turned off. (See Borderless printing and Cropping in chapter 8 in the Advanced User's Guide.)

Network Difficulties

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

Network Difficulties (continued)

Difficulty	Suggestions
The Brother software cannot be	(Windows® users)
installed.	If the Security Software warning appears on the PC screen during the installation, change the Security Software settings to permit the Brother product setup program or other program to run.
	BrC3Rgin.exe
	BmIPMon
	Brother Status Monitor (Network)
	ControlCenter Program
	Generic Host Process f
	Setup.exe
	Spooler SubSystem App
	wdsw MFC Application
	(Macintosh users)
	Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the model list in ControlCenter2.
Cannot connect to wireless network.	Investigate the problem using the WLAN Report. Press Menu key, choose Print Reports and then press OK. Choose WLAN Report. For details, see the Network User's Guide.
Reset the network settings.	Press Menu key, choose Network and then press OK. Choose Network Reset. For details, see the Network User's Guide.

Dial Tone

Setting the dial tone to Detection will shorten the dial detect pause.

- 1 Press Menu.
- Press ▲ or ▼ to choose
 Initial Setup.
 Press OK.
- 3 Press A or V to choose Dial Tone.
- Press ◀ or ▶ to choose Detection or
 No Detection.
 Press OK.
- 5 Press Stop/Exit.

Telephone line interference / VoIP

If you are having problems sending or receiving a fax due to possible interference on the telephone line, we recommend that you change the modem speed to minimize errors in fax operations.

- 1 Press Menu.
- Press ▲ or ▼ to choose
 Initial Setup.
 Press OK.
- 3 Press ▲ or ▼ to choose Compatibility.
- Press ◀ or ▶ to choose High, Normal or Basic(for VoIP).
 - Basic (for VoIP) reduces the modem speed to 9,600 bps and turns off ECM except for color fax sending. Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed.

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

- Normal sets the modem speed at 14,400 bps.
- High increases the modem speed to 33,600 bps. (factory setting)

Press OK.

5 Press Stop/Exit.



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

Machine Information

Checking the serial number

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

- 1 Press Menu.
- Press ▲ or ▼ to choose Machine Info.
 Press OK.
- 3 Press A or ▼ to choose Serial No. Press OK.
- 4 Press Stop/Exit.

Reset functions

The following reset functions are available:

1 Network

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

2 Speed Dial&Fax

Speed Dial & Fax resets the following settings:

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

3 All Settings

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

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



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

How to reset the machine

- 1 Press Menu.
- Press ▲ or ▼ to choose
 Initial Setup.
 Press OK.
- 3 Press ▲ or ▼ to choose Reset.
 Press OK.
- Press ▲ or ▼ to choose the type of reset you want to use. Press OK. Press 1 to confirm.
- 5 Press 1 to reboot the machine.

C

Menu and features

On-screen programming

Your machine is designed to be easy to operate with LCD on-screen programming using the menu keys. User-friendly programming helps you take full advantage of all the menu selections your machine has to offer.

Since your programming is done on the LCD, we have created step-by-step on-screen instructions to help you program your machine. All you need to do is follow the instructions as they guide you through the menu selections and programming options.

Menu table

The menu table will help you understand the menu selections and options that are found in the machine's programs. The factory settings are shown in Bold with an asterisk.



Level1	Level2	Level3	Options	Descriptions Pag			
Ink	Test Print	_	Print Quality	Lets you check the print	See ¹ .		
			Alignment	quality or alignment.			
	Cleaning	_	Black	Lets you clean the print			
			Color	head.			
			All				
	Ink Volume	_	_	Lets you check the available ink volume.			
General Setup	Mode Timer	_	Off	Sets the time to return to	-		
			0Sec	Fax mode.			
			30Secs				
			1Min				
			2Mins*				
			5Mins				
	Paper Type	_	Plain Paper*	Sets the type of paper in	17		
			Inkjet Paper	the paper tray.			
			Brother BP71				
			Brother BP61				
			Other Glossy				
			Transparency				
	Paper Size	_	Letter*	Sets the size of the paper	17		
			Legal	in the paper tray.			
			A4				
			A5				
			Executive				
			4"x6"				
¹ See Advanced User's Guide.							



Level1	Level2	Level3	Options	Descriptions	Page
General Setup	Volume	Ring	Off	Adjusts the ring volume.	See ¹ .
(Continued)			Low		
			Med*		
			High		
		Beeper	Off	Adjusts the volume level	
			Low*	of the beeper.	
			Med		
			High		
		Speaker	Off	Adjusts the volume level	
			Low	of the speaker.	
			Med*		
			High		
	Auto Daylight	_	On	Change this setting to on	
			Off*	if you want the machine to change automatically for	
				Daylight Saving Time.	
	LCD Settings	Backlight	Light*	You can adjust the	-
			Med	brightness of the LCD backlight.	
			Dark	backlight.	
		Dim Timer	Off	You can set how long the	
			10Secs	LCD backlight stays on after the last key press.	
			20Secs	and the last key press.	
			30Secs*		
		Wallpaper	1*	You can choose the	1
			2	wallpaper of the LCD.	
			3		
			4		
	Sleep Mode	_	1Min	You can choose how long	
			2Mins	the machine must be idle before it goes into sleep	
			3Mins	mode.	
			5Mins*		
			10Mins		
			30Mins		
			60Mins		

¹ See Advanced User's Guide.



Level1	Level2	Level3	Options	Descriptions	Page
Fax	Setup Receive	Ring Delay	0	Sets the number of rings	30
			1	before the machine answers in Fax Only or	
			2	Fax/Tel mode.	
			3		
			4*		
		F/T Ring Time	20Secs*	Sets the pseudo/double-	30
			30Secs	ring time in Fax/Tel mode.	
			40Secs		
			70Secs		
		Easy Receive	On*	Receives fax messages	31
			Off	without pressing Start.	
		Remote Codes	On*	Allows you to answer all	39
			(*51, #51)	calls at an extension or external telephone and use codes to turn the	
			Off		
				machine on or off. You can personalize these	
				codes.	
		Auto Reduction	On*	Reduces the size of	See ¹ .
			Off	incoming faxes.	
		Memory Receive	Off*	You can set the machine	
			Fax Forward	to either forward fax messages, call your	
			Paging	pager, store incoming	
			Fax Storage	faxes in the memory (so you can retrieve them	
			PC Fax Receive	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.	

See Advanced User's Guide.



Level1	Level2	Level3	Options	Descriptions	Page
Fax	Report Setting	Transmission	On	Initial setup for	26
(Continued)			On+Image	Transmission Verification Report and Fax Journal	
			Off*	Report.	
			Off+Image		
		Journal Period	Off		See 1.
			Every 50 Faxes*		
			Every 6 Hours		
			Every 12 Hours		
			Every 24 Hours		
			Every 2 Days		
			Every 7 Days		
	Print Fax	_	_	Prints incoming faxes stored in the memory.	
	Remote Access	_	*	Set your own code for Remote Retrieval.	
	Remaining Jobs	_	_	Check which jobs are in the memory and lets you cancel chosen jobs.	
	Miscellaneous	TX Lock	_	Prohibits most functions except receiving faxes.	
		Distinctive	Off* Set (On)	Uses the Telephone company's Distinctive Ring subscriber service to register the ring pattern with the machine.	33
		Caller ID (USA only)	Area Code	View or print a list of the last 30 Caller IDs stored in the memory.	See ¹ .
				Set up your 3-digit area code only if you do not dial it within your own area code.	

Network menu

Level1	Level2	Level3	Level4	Options	Descriptions
Network	Wired LAN	TCP/IP	BOOT Method	Auto*	Chooses 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
			[C	[000-255].	Gateway address.
				[000-255].	
				[000-255]	
			Node Name	BRNXXXXXXXXXXX	Enter the Node name.
			WINS Config	Auto*	Chooses the
				Static	WINS configuration mode.
			WINS Server	(Primary) 000.000.000.000	Specifies the IP address of the
				(Secondary) 000.000.000.000	primary or secondary server.
			DNS Server	(Primary) 000.000.000.000	Specifies the IP address of the
			(Secondary) 000.000.000.000	primary or secondary server.	
			APIPA	On* Off	Automatically allocates the IP address from the link-local address range.
	See Network User	's Guide.			



Level1	Level2	Level3	Level4	Options	Descriptions
Network	Wired LAN	Ethernet	_	Auto*	Chooses the
(Continued)	(Continued)			100B-FD	Ethernet link mode.
				100B-HD	inida.
				10B-FD	
				10B-HD	
		MAC Address	_	_	You can see your machine's MAC address from the control panel.
	WLAN	TCP/IP	BOOT Method	Auto*	Chooses 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
				[000-255].	Gateway address.
				[000-255].	
				[000-255]	
			Node Name	BRWXXXXXXXXXXX	Enter the Node name.
			WINS Config	Auto*	Chooses the
				Static	WINS configuration mode.
			WINS Server	(Primary) 000.000.000.000	Specifies the IP address of the
				(Secondary)	primary or secondary server.
			DNS Server	(Primary) 000.000.000.000	Specifies the IP address of the
				(Secondary) 000.000.000.000	primary or secondary server.

Level1	Level2	Level3	Level4	Options	Descriptions
Network (Continued)	wLAN (Continued)	TCP/IP (Continued)	APIPA	On* Off	Automatically allocates the IP address from the link-local address range.
		Setup Wizard	_	_	You can manually configure your print server for a wireless network.
		WPS/AOSS	_		You can easily configure your wireless network settings using the one-button push method.
		WPS w/PIN Code	_	_	You can easily configure your wireless network settings using WPS with a PIN code.
	WLAN Status	WLAN Status	Status	_	You can see the current wireless network status.
			Signal	_	You can see the current wireless network signal strength.
			SSID	_	You can see the current SSID.
			Comm. Mode		You can see the current Communication Mode.
		MAC Address	_		You can see your machine's MAC address from the control panel.
	Network I/F	_	Wired LAN*	_	You can choose the network connection type.
	Network Reset	_	_	_	_

See Network User's Guide.



Menu (Menu) (continued)

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	Transmission	_	_	Prints these lists and	26
	Help List	_	_	reports.	See ¹ .
	Quick Dial	_	Alphabetic Order		
			Numeric Order		
	Fax Journal	_	_		
	User Settings	_	_		
	Network Config	_	_		
	WLAN Report	_	_		
	Caller ID hist.	_	_		
Machine Info.	Serial No.	_	_	Lets you check the serial number of your machine.	78
Initial Setup	Receive Mode	_	Fax Only*	Choose the receive mode	27
			Fax/Tel	that best suits your needs.	
			External TAD	'AD	
			Manual		
	Date&Time	_	_	Puts the date and time on	See ² .
				the LCD and in headings of faxes you send.	
	Station ID	_	Fax:	Set your name and fax	
			Name:	number to appear on each page you fax.	
	Tone/Pulse	_	Tone*	Choose the dialing mode.	See ¹ .
	(Canada only)		Pulse		
	Dial Tone	_	Detection	You can shorten the dial	77
			No Detection*	tone detect pause.	
	Compatibility	_	High*	Adjusts the modem speed	77
			Normal	to help resolve	
			Basic(for VoIP)	transmission problems.	

¹ See Advanced User's Guide.

See 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.	78
		Speed Dial&Fax	_	Deletes all stored Speed Dial numbers and restores the Station ID, Quick Dial List, Transmission Verification Report and Fax Journal back to the factory default settings.	
		All Settings	_	Resets all the machine's settings back to the settings that were set at the factory.	
	Local Language (USA only)	_	English* Spanish	Allows you to change the LCD language for your country.	See ² .
	Local Language (Canada only)	_	English* French	Allows you to change the LCD language for your country.	
	 See Advanced See Quick Setu 				1

See Quick Setup Guide





Level1	Level2	Level3	Options	Descriptions	Page
Speaker	_	_	Off	Adjust the volume level of	See 1.
(Appears after			Low	the speaker.	
pressing Hook)			Med*		
			High		
Fax Resolution	_	_	Standard*	Sets the resolution for	
			Fine	outgoing faxes.	
			S.Fine		
			Photo		
Contrast	_	_	Auto*	Changes the lightness or	
			Light	darkness of faxes you send.	
			Dark		
Speed Dial	Search	_	Alphabetic Order	You can dial by pressing only	40
			Numeric Order	a few keys (and Start).	
	Set Speed Dial	_	_	You can store Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	41
	Setup Groups	_	_	You can set up Group numbers for Broadcasting.	See 1.
Outgoing Call	Send a fax Add SpeedDial Delete	_	_	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	
Caller ID hist.	Send a fax Add SpeedDial Delete	_	_	You can choose a number from the Caller ID history and then send a fax to it, add it to Speed Dial, or delete it.	
Broadcasting	Add Number Speed Dial Complete	_	_	You can send the same fax message to more than one fax number.	
Delayed Fax	_	_	On Off*	Sets the time of day in 24-hour format that the delayed faxes will be sent.	
Batch TX	_	_	On Off*	Combines delayed faxes to the same fax number at the same time of day into one transmission.	



Level1	Level2	Level3	Options	Descriptions	Page
Real Time TX	_	_	On	You can send a fax without	See ¹ .
			Off*	using the memory.	
Polled TX	_	_	On	Sets up your machine with a	
			Off*	document to be retrieved by another fax machine.	
Polling RX	_	_	On	Sets up your machine to poll	
			Off*	another fax machine.	
Overseas Mode	_	_	On	If you are having difficulty	
			Off*	sending faxes overseas, set this to On.	
Glass ScanSize	_	_	Letter*	Adjust the scan area of the	25
			A4	scanner glass to the size of the document.	
Set New Default	_	_	_	You can save your fax settings.	See ¹ .
Factory Reset	_	_	_	You can restore all settings to the factory settings.	

See Advanced User's Guide.



SCAN (놀)



Level1	Option1	Option2	Option3	Descriptions	Page
Scan to File	_	_	_	You can scan a black & white or a color document into your computer.	See ¹ .
Scan to Media (when a memory card or USB Flash memory drive is inserted)	Quality File Type		Color 150* Color 300 Color 600 B/W 200x100 B/W 200 (If you chose	You can choose the scan resolution, file format, and enter a file name for your document.	49
	File Name		color option in Quality setting) PDF* JPEG (If you chose B&W option in Quality setting) PDF* TIFF		
	Auto Crop	_	On Off*	Scan multiple documents placed on the scanner glass to a memory card or USB Flash memory drive one at a time.	See ² .
	Set New Default	_	_	You can save your scan settings as the default settings.	
	Factory Reset	_	_	You can restore all settings to the original factory default settings.	
Scan to E-mail	_	_	_	You can scan a black & white or a color document into your E-mail application.	See ¹ .
Scan to OCR 3	_	_	_	You can have your text document converted to an editable text file.	
Scan to Image	_	_	_	You can scan a color picture into your graphics application.	

- See Software User's Guide.
- See Advanced User's Guide.
- (Macintosh users) This function is available after you have downloaded and installed Presto! PageManager from http://nj.newsoft.com.tw/download/brother/PM7Installer_BR_multilang.dmg



COPY ()

Level1	Level2	Level3	Options	Descriptions	Page
Quality	_	_	Fast	Choose the Copy resolution	See ¹
			Normal*	for the next copy.	
			Best		
Enlarge/Reduce	100%*	_	_	_	
	Enlarge	_	104% EXE→LTR	You can choose the	
			186% 4"x6"→LTR	enlargement ratio for the next copy.	
			198% 4"x6"→A4		
	Reduce	_	46% LTR→4"x6"	You can choose the	
			78% LGL→LTR	reduction ratio for the next copy.	
			83% LGL→A4	оору.	
			85% LTR→EXE		
			93% A4→LTR		
			97% LTR→A4		
	Fit to Page	_	_	Your machine will adjust the size automatically to the paper size you set.	
	Custom(25-400%)	_	_	You can enter an enlargement or reduction ratio.	
Paper Type	_	_	Plain Paper*	Choose the paper type that matches the paper in the tray.	44
			Inkjet Paper		
			Brother BP71		
			Brother BP61		
			Other Glossy		
			Transparency		
Paper Size	_	_	Letter*	Choose the paper size that	44
			Legal	matches the paper in the tray.	
			A4	,	
			A5		
			Executive		
			4"x 6"		
	1 Soc Advanced	User's Guide.	<u>l</u>	1	<u> </u>



Level1	Level2	Level3	Options	Descriptions	Page
Density	_	_	*	Adjusts the density of copies.	See ¹ .
Ink Save Mode	_	_	On	You can save some ink.	1
			Off*		
Stack/Sort	_	_	Stack*	You can choose to stack or	
			Sort	sort multiple copies.	
Page Layout	_	_	Off(1 in 1)*	You can make N in 1 or	
			2 in 1 (P)	Poster copies.	
			2 in 1 (L)		
			4 in 1 (P)		
			4 in 1 (L)		
			Poster(3 x 3)		
Book Copy	On	_	_	Corrects dark borders and skew when copying from the scanner glass.	
	On(Preview)	Skew Adjustment	_		
		Shadow Revise	_	and dodor grade.	
	Off*	_	_		
Watermark Copy	Watermark Copy	_	On Off* (If you choose on, see the watermark copy settings in the following table.)	You can place a logo or text into your document as a Watermark.	
	Current Setting	_	_		
	Exit	_	_		1
Set New Default	_	_	_	You can save your copy settings.	
Factory Reset	_	_	_	You can restore all settings to the factory settings.	
	¹ See Advanced	User's Guide.			
	The factory setting	s are shown in Bold	with an asterisk.		



Watermark Copy Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Template	Text	_	CONFIDENTIAL*	Uses a template to place	See 1.
			DRAFT	text into your document as a Watermark.	
			COPY		
	Position		A		
			В		
			С		
			D		
			E*		
			F		
			G		
			Н		
			I		
			Pattern		
	Size	_	Small		
			Medium*		
			Large		
	Angle	_	-90°		
			-45°*		
			0°		
			45°		
			90°		
	Transparency	_	-2	†	
			-1		
			0*		
			+1		
			+2		
	Color		Red		
			Orange		
			Yellow		
			Blue		
			Green		
			Purple		
			Black*		
	Apply	-	_	1	

¹ See Advanced User's Guide.



Option1	Option2	Option3	Option4	Descriptions	Page
Media	(Select image	Position	А	Places a logo or text into	See 1
	from media)		В	your document as a Watermark using an image	
			С	from removable media.	
			D		
			E*		
			F		
			G		
			Н		
			I		
			Pattern		
		Size	Small		
			Medium*		
			Large		
		Angle	-90°		
			-45°*		
			0°		
			45°		
			90°		
		Transparency	-2		
			-1		
			0*		
			+1		
			+2		
		Apply	1_		
Scan	(Set watermark	Transparency	-2	You can choose the level of	1
	document and		-1	transparency of the	
	press Start.)		0*	watermark as you scan it from a paper document.	
			+1		
			+2		
		Apply	_		

¹ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

PHOTO CAPTURE ()



Level1	Level2	Level3	Options	Descriptions	Page
View Photo(s)	_	_	See the print settings in the following table.	You can preview your photos on the LCD.	48
Print Index	Layout Format	_	6 Images/Line*	You can print a thumbnail	See ¹ .
			5 Images/Line	page.	
	Paper Type		Plain Paper*		
			Inkjet Paper		
			Brother BP71		
			Brother BP61		
			Other Glossy		
	Paper Size		Letter*		
			A4		
Print Photos	_	_	See the print settings in the	You can print an individual image.	
Enhance Photos	Auto Correct	_	following table.	You can adjust your photos	
	Enhance Skin			with these settings.	
	Enhance Scenery				
	Remove Red-Eye				
	Monochrome				
	Sepia				
Search by Date	_	_		You can find your photos based on date.	
Print All Photos	_	_		You can print all photos in your memory card or USB Flash memory drive.	
Slide Show	_	_		The machine starts a Slide Show of your photos.	
Trimming	_	_		You can trim your photo and print a part of the image.	
	1 See Advanced	User's Guide			

See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

Print Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Print Quality	Normal	_	_	Choose the print quality.	See ¹ .
(Does not appear when DPOF Print is chosen.)	Photo*				
Paper Type	Plain Paper	_	_	Choose the paper type.	
	Inkjet Paper				
	Brother BP71				
	Brother BP61				
	Other Glossy*				
Paper Size	4"x 6"*	(When A4 or	_	Choose the paper and print	
	5"x 7"	Letter is chosen)		size.	
	Letter	3"x 4"			
	A4	3.5"x 5"			
		4"x 6"			
		5"x 7"			
		6"x 8" Max. Size*			
Brightness		max. Size	_	Adjusts the brightness.	
(Does not appear				Adjusts the shightness.	
when					
Enhance Photos is chosen.)					
					<u> </u>
Contrast		_	_	Adjusts the contrast.	
(Does not appear when					
Enhance Photos					
is chosen.)					
	¹ See Advanced	User's Guide.			
	The factory settings	s are shown in Bold	with an asterisk.		

Option1	Option2	Option3	Option4	Descriptions	Page
True2Life (Does not appear when Enhance Photos is chosen.)	On Off*	White Balance	+2 '	Adjusts the hue of the white areas.	See ¹ .
		Sharpness	+2 ' · · · · · · · · · · · · · · · · · ·	Enhances the detail of the image.	
		Color Density	+2	Adjusts the total amount of color in the image.	
Cropping	On*	_	_	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.	
Print Date (Does not appear when DPOF Print is chosen.)	On Off*	_	_	Prints the date on your photo.	
Set New Default	_	_	_	You can save your print settings.	
Factory Reset	_	_	_	You can restore all the settings to factory settings.	

¹ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

Speed Dial (♣)

Level1	Level2	Level3	Options	Descriptions	Page
Search	_	_	Alphabetic Order Numeric Order	You can search for names you have stored in the Speed Dial memory.	40
Set Speed Dial	_	_	_	You can set up Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	41
Setup Groups	_	_	_	You can set up Group numbers for Broadcasting.	See ¹ .
	¹ See Advanced	User's Guide.	•		



The factory settings are shown in Bold with an asterisk.

Redial/Pause (Redial/Pause)

Level1	Level2	Level3	Options	Descriptions	Page
Outgoing Call	Send a fax Add SpeedDial Delete	_	_	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	See ¹ .
Caller ID hist.	Send a fax Add SpeedDial Delete	_	_	You can choose a number from the Caller ID history and then send a fax to it, add it to Speed Dial, or delete it.	

See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

Entering Text

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

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

Press Key	one time	two times	three times	four times	five times
2	Α	В	С	2	Α
3	D	E	F	3	D
4	G	Н	1	4	G
5	J	K	L	5	J
6	М	N	0	6	М
7	Р	Q	R	S	7
8	Т	U	V	8	Т
9	W	X	Υ	Z	9

Inserting spaces

To enter a space in a fax number, press ▶ once between numbers. To enter a space in a name, press ▶ twice between characters.

Making corrections

If you entered an incorrect letter and want to change it, press ◀ to move the cursor under the incorrect character. Then press **Clear**. Re-enter the correct character. You can also back up and insert letters.

Repeating letters

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

Special characters and symbols

Press *, # or 0, repeatedly until you see the special character or symbol you want.

Press * for (space)!"#\$% &'()*+,-./€

Press # for :; < = > ? @ [] ^ _

Press 0 for English: ÁÀÃÂÇÉÈÊËÍÎÏÓÕÔÖÚÙ0

French: ÀÂÇÉÈÊÏÏÔÚÙ0

Spanish: Á É Í Ñ Ó Ú 0

Specifications

General

Printer Type Inkjet

Print Method Black: Piezo with 94 × 1 nozzle

Color: Piezo with 94×3 nozzles

Memory Capacity 40 MB

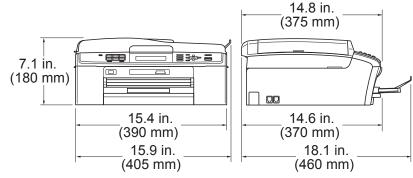
LCD (Liquid Crystal Display) Wide 3.3 in. (82.79 mm) TFT Color LCD ¹

Power Source AC 100 to 120 V 50/60 Hz

Power Consumption ² Copying Mode: Approx. 19 W³

Standby Mode: Approx. 6.5 W
Sleep Mode: Approx. 3.5 W
Off: Approx. 0.5 W

Dimensions



Weight 17.6 lb (8 kg)

Noise Operating: 50 dB or less ⁴

Temperature Operating: 50 to 95 °F (10 to 35 °C)

Best Print Quality: 68 to 91 °F (20 to 33 °C)

Humidity Operating: 20 to 80% (without condensation)

Best Print Quality: 20 to 80% (without condensation)

ADF (automatic document

feeder)

Up to 15 pages

Paper: 20 lb (80 g/m²) Letter or A4 size

Document Size ADF Width: 5.8 in. to 8.5 in. (148 mm to 215.9 mm)

ADF Length: 5.8 in. to 14 in. (148 mm to 355.6 mm)

Scanner Glass Width: Max. 8.5 in. (215.9 mm) Scanner Glass Length: Max. 11.7 in. (297 mm) Б

Measured diagonally.

When the machine is connected using USB interface.

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

Noise depends on printing conditions.

Print media

Paper Input

Paper Tray

■ Paper Type:

Plain Paper, Inkjet Paper (coated paper), Glossy Paper ¹, Transparency ^{1 2} and Envelopes

■ Paper Size:

Letter, Legal, Executive, A4, A5, A6, JIS B5, Envelopes (commercial No.10, DL, C5, Monarch, JE4), Photo 4" \times 6", Photo 2L 5" \times 7", Index Card and Postcard ³

Width: 3.86 in. - 8.5 in. (98 mm - 215.9 mm)

Length: 5.8 in. - 14 in. (148 mm - 355.6 mm)

For more details, see *Paper weight, thickness and capacity* on page 21.

■ Maximum paper tray capacity:

Approx. 100 sheets of 20 lb (80 g/m²) plain paper

Photo Bypass Tray (USA)

Photo Paper Tray (Canada)

■ Paper type:

Plain Paper, Inkjet Paper (coated paper) and Glossy Paper 1

■ Paper size:

Photo 4" \times 6" and Photo L 3.5" \times 5"

Width: 3.5 in. - 4.0 in. (89 mm - 102 mm)

Length: 5.0 in. - 6.0 in. (127 mm - 152 mm)

■ Maximum paper tray capacity:

Up to 20 sheets

Paper Output

Up to 50 sheets of 20 lb (80 g/m²) plain paper (face up print delivery to the output paper tray) ¹

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

² Use only transparencies recommended for inkjet printing.

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

D

Fax

CompatibilityITU-T Super Group 3Modem SpeedAutomatic Fallback

33,600 bps

Scanning Width 8.2 in. (208 mm) (Letter)

Printing Width 8.2 in. (208 mm)

Gray Scale Levels: 64 (B&W)/256 (Color)

Resolution ■ Horizontal 203 dot/in. (8 dot/mm)

■ Vertical

Standard

98 line/in. (3.85 line/mm) (Black) 196 line/in. (7.7 line/mm) (Color)

Fine

196 line/in. (7.7 line/mm) (Black/Color)

Photo

196 line/in. (7.7 line/mm) (Black)

Superfine

392 line/in. (15.4 line/mm) (Black)

Speed Dial 100 stations \times 2 numbers

Groups Up to 6

Broadcasting 250 stations

Automatic Redial 1 time after 5 minutes

Memory Transmission Up to 400 1 pages

Out of Paper Reception Up to 400 1 pages

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

Copy

Color/Black

Copy Width

Multiple Copies

Enlarge/Reduce

Resolution

Yes/Yes

Max. 8.26 in. (210 mm)

Stacks/Sorts up to 99 pages

25% to 400% (in increments of 1%)

(Black)

■ Prints up to 1200 × 1200 dpi

(Color)

■ Prints up to 600 × 1200 dpi

D

PhotoCapture Center®

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

Memory Stick PRO™ (256 MB - 16 GB)

(Not available for music data with MagicGate™)

Memory Stick Duo[™] (16 MB - 128 MB) Memory Stick PRO Duo[™] (256 MB - 16 GB) Memory Stick Micro[™] (M2[™]) with adapter

SD (16 MB to 2 GB) SDHC (4 GB to 16 GB) microSD with adapter miniSD with adapter

USB Flash memory drive ²

Resolution Up to 1200×2400 dpi

File Extension

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

(Image Format) Photo Print: JPEG ³, AVI ⁴, MOV ⁴

Scan to Media: JPEG, PDF (Color)

TIFF, PDF (Black & White)

Color Enhancement True2Life®

Photo Enhance Auto Correct, Enhance Skin-Tone, Enhance Scenery,

Trimming, Slide Show, Remove Red-Eye, Monochrome and

Sepia

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 Letter, A4, Photo $4" \times 6"$, Photo $2L 5" \times 7"$ ⁵

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

- Progressive JPEG format is not supported.
- Motion JPEG only
- ⁵ See Paper type and size for each operation on page 20.

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

PictBridge

Compatibility Supports the Camera & Imaging Products Association

PictBridge standard CIPA DC-001.

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

Interface USB direct interface

Scanner

Color/Black Yes/Yes

TWAIN Compliant Yes (Windows® 2000 Professional/Windows® XP/

Windows® XP Professional x64 Edition/Windows Vista®/

Windows[®] 7)

Mac OS X 10.4.11 - 10.5.x - 10.6.x 1

WIA Compliant

Yes (Windows® XP ²/Windows Vista®/Windows® 7)

ICA Compliant Yes (Mac OS X 10.6.x)

Color Depth 36 bit color Processing (Input)

24 bit color Processing (Output)

(Actual Input: 30 bit color/Actual Output: 24 bit color)

Resolution Up to 19200×19200 dpi (interpolated) ³

Up to 1200 × 2400 dpi (optical) (Scanner Glass)

Up to 1200×600 dpi (optical) (ADF)

Scanning Width Up to 8.26 in. (210 mm)
Scanning Length Up to 11.45 in. (291 mm)

Gray Scale 256 levels

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

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

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

Printer

Resolution Up to 1200×6000 dpi

Printing Width 8.26 in. [8.5 in. (borderless) ¹] ³

Borderless Letter, A4, A6, Photo 4" × 6", Index Card 5" × 8",

Photo L 3.5" \times 5", Photo 2L 5" \times 7",

Postcard 1 3.9" × 5.8" ²

- ² See Paper type and size for each operation on page 20.
- When printing on letter size paper.

Interfaces

USB 12 Use a USB 2.0 interface cable that is no longer than 6 feet (2 m).

LAN ³ Use an Ethernet UTP cable category 5 or greater.

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

- ² Third party USB ports are not supported.
- 3 See Network (LAN) on page 110 and the Network User's Guide for detailed network specifications.

D

When the Borderless feature is set to On.

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

Computer requirements

	SUPPORTED	OPERAT	ING SYST	EMS AND SOFTV	VARE FL	INCTION	S	
Comp	uter Platform &	Supported	PC	Processor	Minimum	Recommended	Hard Disk Sp	ace to install
Operating System Version		PC Software Functions	Interface	Minimum Speed	RAM	RAM	For Drivers	For Applications
Windows [®] Operating	Windows [®] 2000 Professional ⁵	Printing, PC Fax ⁴ ,	USB, 10/100	Intel [®] Pentium [®] II or equivalent	64 MB	256 MB	110 MB	340 MB
System ¹ Windows [®] Windows	Windows [®] XP Home ^{2 5} Windows [®] XP Professional ^{2 5}	Scanning, Removable Disk ⁶	Base-TX (Ethernet), Wireless 802.11b/g	'	128 MB		110 MB	340 MB
	Windows XP Professional x64 Edition ²	602. I 1b/g	64-bit (Intel [®] 64 or AMD64) supported CPU	256 MB	512 MB	110 MB	340 MB	
	Windows Vista ^{® 2}			Intel [®] Pentium [®] 4	512 MB	1 GB	600 MB	530 MB
	Windows [®] 7 ²		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	530 MB	
	Windows Server® 2003 (print only via network)	Printing 10/100 Base-TX (Ethernet), Wireless 802.11b/g	Intel [®] Pentium [®] III or equivalent	256 MB	512 MB	50 MB	N/A	
	Windows Server® 2003 x64 Edition (print only via network)		64-bit (Intel [®] 64 or AMD64) supported CPU					
	Windows Server® 2003 R2 (print only via network)			Intel [®] Pentium [®] III or equivalent				
	Windows Server® 2003 R2 x64 Edition (print only via network)			64-bit (Intel [®] 64 or AMD64) supported CPU	512 MB	1 GB		
	Windows Server [®] 2008 (print only via network)			Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU		2 GB		
	Windows Server® 2008 R2 (print only via network)			64-bit (Intel [®] 64 or AMD64) supported CPU				
Macintosh Operating System	Mac OS X 10.4.11, 10.5.x	Printing, PC Fax Send ⁴ ,	USB ³ 10/100 Base-TX	PowerPC [®] G4/G5 Intel [®] Core™ Processor	512 MB	1 GB	80 MB	400 MB
	Mac OS X 10.6.x	Scanning, Removable Disk ⁶	(Ethernet), Wireless 802.11b/g	Intel [®] Core™ Processor	1 GB	2 GB		

Conditions:

- ¹ Microsoft[®] Internet Explorer[®] 5.5 or greater.
- For WIA, 1200×1200 resolution. Brother Scanner Utility enables to enhance up to 19200×19200 dpi.
- Third party USB ports are not supported.
- ⁴ PC Fax supports black and white only.
- ⁵ PaperPort[™]11SE supports Microsoft[®] SP4 or higher for Windows[®] 2000 and SP2 or higher for XP.
- Removable disk is a function of PhotoCapture Center[®].

For the latest driver updates, visit us at

(in USA) <u>www.brother.com</u> (in Canada) www.brother.ca

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D

Consumable items

Ink The machine uses individual Black, Cyan, Magenta, Yellow ink

cartridges that are separate from the print head assembly.

Service Life of Ink

Cartridge

Starter ink cartridges are in the box. The first time you install the ink cartridges the machine will use extra ink to fill the ink delivery tubes.

This is a one-time process that enables high quality printing.

Afterward, replacement ink cartridges will print the specified

number of pages. Starter cartridge yield is approx. 65% of the yield of the LC61 replacement cartridge.

of the LC61 replacement cartridge.

Replacement Consumables

<Black> LC61BK, <Cyan> LC61C, <Magenta> LC61M, <Yellow> LC61Y

Black - Approximately 450 pages ¹

Cyan, Magenta, Yellow - Approximately 325 pages 1

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

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

What is Innobella™?

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



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

Network (LAN)



For details about the full Network specifications, see the 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 108.

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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