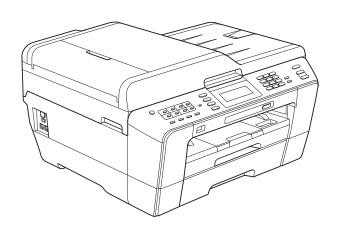


BASIC USER'S GUIDE



MFC-J6910DW

Version 0

CHN-ENG

To create a better environment

Please cooperate

Firstly, thank you very much indeed for using our Brother products!

Brother focuses on the earth environment concerned. And make a basic policy which is to concern about the earth environment, including any workflow from product development to discard. The local citizen should be responsible for local society and its environment during these environment protection activities.

Therefore, we hope you'll take part in this environment plan, and pay attention to environment protection points as below while discarding used consumables.

- 1 Please deliver the used package materials to relevant waste disposal office for recycle.
- 2 When you discard used consumables, please follow and carry on relevant local regulations properly.
- 3 When the machine need replacing parts for the maintenance and repair, please discard used circuit boards, used electrical parts and products as disposed electrical materials.
- 4 Some parts in the machine can be used on the same series model machines which produced by the same factory.

Note: If you want to replace the parts, please contact your local Brother repair station.

User's Guides and where do I find it?

Which manual?	What's in it?	Where is it?
Safety and Legal	Read this Guide first. Please read the Safety Instructions before you set up your machine. See this Guide for trademarks and legal limitations.	Printed / In the box
Quick Setup Guide	Follow the instructions for setting up your machine and installing the drivers and software for the operating system and connection type you are using.	Printed / In the box
Basic User's Guide	Learn the basic Fax, Copy, Scan and PhotoCapture Center™ operations and how to replace consumables. See troubleshooting tips.	Printed / In the box
Advanced User's Guide	Learn more advanced operations: Fax, Copy, security features, printing reports and performing routine maintenance.	PDF file / Documentation CD-ROM
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning, PhotoCapture Center™, Remote Setup, PC-Fax, and using the Brother ControlCenter utility.	PDF file / Documentation CD-ROM
Network Glossary	This Guide provides basic information about advanced network features of Brother machines along with explanations about general networking and common terms.	PDF file / Documentation CD-ROM
Network User's Guide	This Guide provides useful information about wired and wireless network settings and security settings using the Brother machine. You can also find supported protocol information for your machine and detailed troubleshooting tips.	PDF file / 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.

1 General setup

Memory storage Sleep Mode LCD display Dial Prefix Mode Timer

2 Security features

Secure Function Lock 2.0

3 Sending a fax

Additional sending options
Additional sending operations
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4 Receiving a fax

Memory Receive (Monochrome only) Remote Retrieval Additional receiving operations Polling overview

5 Dialling and storing numbers

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Additional ways to store numbers

6 Printing reports

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7 Making copies

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PhotoCapture Center™ print settings
Scan to a memory card or USB Flash
memory drive

9 Printing photos from a camera

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

General information

Using the documentation

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

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

Bold Bold typeface identifies specific

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

Italics Italicized typeface emphasizes

an important point or refers you

to a related topic.

Courier New

Text in the Courier New font identifies messages on the

LCD of the machine.



WARNING

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



CAUTION

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



IMPORTANT

IMPORTANT indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.



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



Electrical Hazard icons alert you to possible electrical shock.

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

This Basic User's Guide does not contain all the information about the machine, such as how to use the advanced features of the Fax, Copy, 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, Network User's Guide and Network Glossary that are on the Documentation CD-ROM.

Viewing Documentation



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



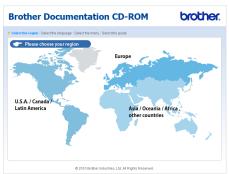
Note

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

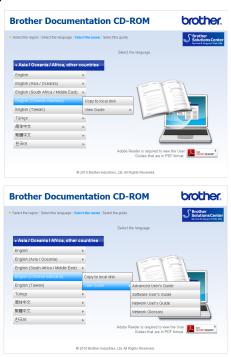


(Macintosh users) Double-click the Documentation CD-ROM icon, and then double-click index.html.

3 Click your country.



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

Presto! PageManager User's Guide (Windows® users)

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

Presto! PageManager User's Guide (Macintosh users)



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

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

How to find Network setup instructions

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

Accessing Brother Support (Windows®)

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

Click Brother Support on the top menu. The following screen will appear:



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

Accessing Brother Support (Macintosh)

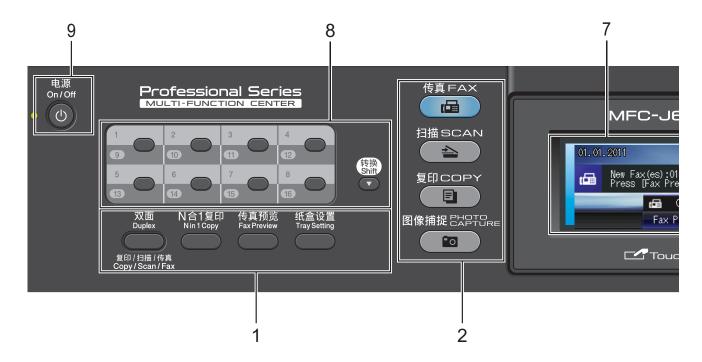
You can find all the contacts you will need, such as Web support (Brother Solutions Center) on the Installation CD-ROM.

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



- To download and install Presto! PageManager, click Presto! PageManager.
- For the latest news and product support information, click
 Brother Solutions Center.
- To visit our website for original Brother Supplies, click **Supplies Information**.

Control panel overview



1 Fax and Copy keys:

■ Duplex

Press this key to copy, scan or fax both sides of the paper.

■ N in 1 Copy

Press this key to make N in 1 or Poster copies.

■ Fax Preview

Lets you preview incoming faxes on the LCD.

■ Tray Setting

Press this key to choose the tray you want to use for printing.

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 Dial Pad

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

This function transfers to the touchscreen during some operations.

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

4 Telephone keys:

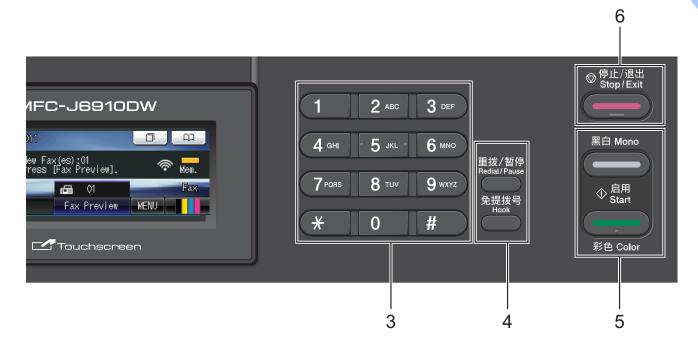
■ Redial/Pause

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

■ Hook

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

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



5 Start keys:

Mono Start

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



Stop/Exit

Stops an operation or exits the menu.

7 LCD (Liquid Crystal Display)

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

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

8 One Touch keys

These 8 keys give you instant access to 16 previously stored numbers.

Shift

To access One Touch numbers 9 to 16, hold down **Shift** as you press the One Touch key. Also, if no number is assigned to the key, you can directly store the number by pressing the empty key.

9 On/Off

You can turn the machine on and off.

Press On/Off to turn the machine on.

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

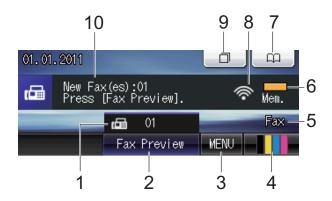
seconds before going off.

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

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

LCD screen indications

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



1 Faxes in memory

Shows how many received faxes are in the memory.

2 Fax Preview

Lets you preview received fax.

3 MENU

Lets you access the main menu.

4 Ink indicator

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

5 Current Receive Mode

Lets you see the current receive mode.

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

6 Memory Status

Lets you see the available memory in the machine.

7 Phone Book



Lets you set up your phone book of One Touch Dial, Speed Dial and Group numbers.

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

8 Wireless Status

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



9 Call History



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

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

10 New Fax(es)

When Fax Preview is set to On, you can see how many new faxes you have received.

The warning icon appears when there is an error or maintenance message. For details, see *Error and Maintenance messages* on page 73.



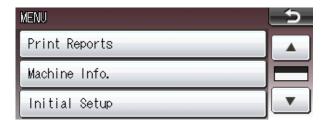
If you receive a fax containing multiple paper sizes (for example, a page of A4 data and a page of A3 data), the machine may create and store a file for each paper size. The LCD may show that more than one fax job has been received.

Basic Operations

To operate the Touchscreen use your finger to press the MENU or option button directly on the LCD screen. To display and access all the screen menus or options in a setting, press ◆ ▶ or ▲ ▼ to scroll through them.

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

- 1 Press MENU.
- Press ▲ or ▼ to display
 Initial Setup.



- 3 Press Initial Setup.
- Press ▲ or ▼ to display Receive Mode.

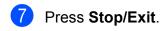


- 5 Press Receive Mode.
- 6 Press Fax/Tel.





Press to go back to the previous level.



Volume Settings

Ring Volume

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

Setting the Ring Volume from the menu

- 1 Press MENU.
- Press ▲ or ▼ to display
 General Setup.
- 3 Press General Setup.
- 4 Press **▲** or **▼** to display Volume.
- 5 Press Volume.
- 6 Press Ring.
- **7** Press Low, Med, High or Off.
- 8 Press Stop/Exit.

Beeper Volume

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

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

- 1 Press MENU.
- Press ▲ or ▼ to display
 General Setup.
- 3 Press General Setup.
- 4 Press ▲ or ▼ to display Volume.
- 6 Press Volume.
- 6 Press Beeper.
- 7 Press Low, Med, High or Off.
- 8 Press Stop/Exit.

Speaker Volume

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

- 1 Press MENU.
- Press ▲ or ▼ to display
 General Setup.
- 3 Press General Setup.
- Press ▲ or ▼ to display Volume.
- 5 Press Volume.
- 6 Press Speaker.
- 7 Press Low, Med, High or Off.
- 8 Press Stop/Exit.

LCD display

Setting the backlight brightness

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

- 1 Press MENU.
- Press ▲ or ▼ to display General Setup.
- 3 Press General Setup.
- Press ▲ or ▼ to display LCD Settings.
- 5 Press LCD Settings.
- 6 Press Backlight.
- 7 Press Light, Med or Dark.
- 8 Press Stop/Exit.

LCD Language

You can change the LCD Language.

- 1 Press MENU.
- Press ▲ or ▼ to display Initial Setup.
- Openion of the second of th
- 4 Press ▲ or ▼ to display Local Language.
- 5 Press Local Language.
- 6 Press English or Chinese.
- Press Stop/Exit.

Setting the Fax Logic (sending and receiving sequence)

You can change the process of manual fax send or receive.

If you often send or receive a fax manually to/from the other party at the end of a conversation, set the Fax Mode to Easy Mode.

If you set to Easy Mode:

You can send or receive a fax manually just simply press **Start**.

If yo are a caller, press **Start** to send a fax.

If you are a receiver, press **Start** to receive a fax.

If you set to Advanced Mode:

No matter you are a caller or receiver, you can choose you will send or receiver a fax manually. When you press **Start**, the machine will ask you:

Send/Receive?

If you want to send a fax, choose Send.

If you want to receive a fax, choose Receive.



Even if you set either Easy Mode or Advanced Mode and if there is a document in the ADF, the document in the ADF will be sent by pressing **Start**.

- 1 Press MENU.
- Press ▲ or ▼ to display Fax.
- 3 Press Fax.
- 4 Press ▲ or ▼ to display
 Miscellaneous.
- 5 Press Miscellaneous.
- 6 Press **A** or **V** to display Fax Mode.

- 7 Press Fax Mode.
- 8 Press Easy Mode or Advanced Mode.
- 9 Press Stop/Exit.

2

Loading paper

Loading paper and other print media

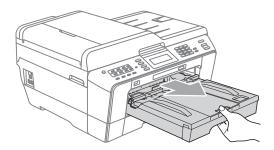


For Tray #2, see Loading paper in paper tray #2 (lower tray) on page 14.

Loading paper in paper tray #1 (upper tray)

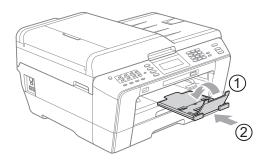
1

Pull the paper tray completely out of the machine.



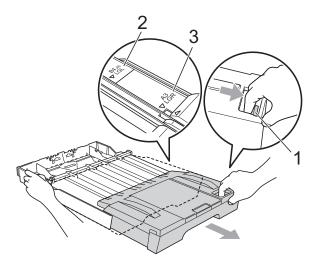


If the paper support flap (1) is open, close it, and then close the paper support (2).



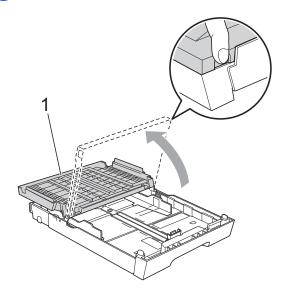


When you are using A3, Legal or Ledger size paper, press the universal guide release button (1) as you slide out the front of the paper tray. Make sure that when using Legal or A3 or Ledger size paper, the triangular mark on the output paper tray cover is aligned with the line indicating Legal (2) or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



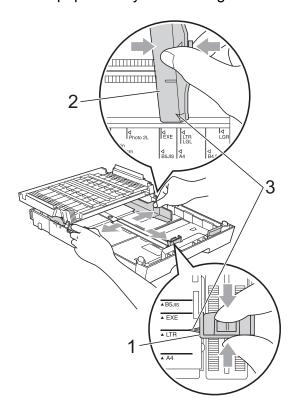
- If you are using A5 or smaller size paper, make sure that the paper tray is not extended.
- When you load a different paper size in a tray, you will need to change the paper size setting in the machine at the same time. (See Paper Size and Type on page 23.)

Open the output paper tray cover (1).

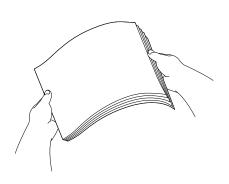


With both hands, gently press and slide the paper length guide (1) and then the paper side guides (2) to fit the paper size.

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



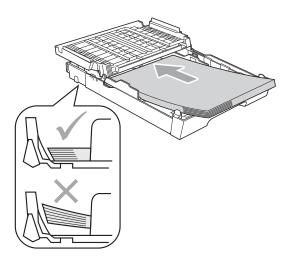
4 Fan the stack of paper well to avoid paper jams and misfeeds.





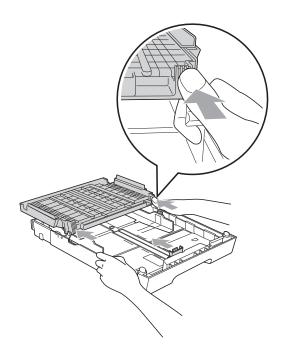
Always make sure that the paper is not curled.

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.



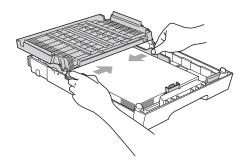


When you put Photo L size into the paper tray, you need to release the hinges on both sides of the output paper tray cover, and push the cover over. And then slide the paper length guide.



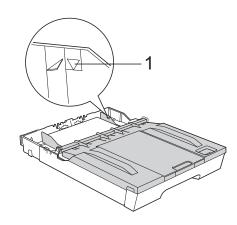
6 Gently adjust the paper side guides to the paper with both hands.

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

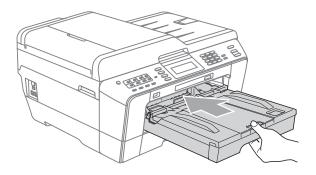




Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems. Close the output paper tray cover. Check that the paper is flat in the tray and below the maximum paper mark (1). Overfilling the paper tray may cause paper jams.



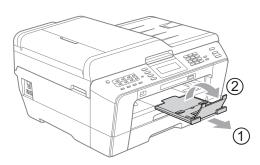
8 Slowly push the paper tray completely into the machine.



▲ WARNING

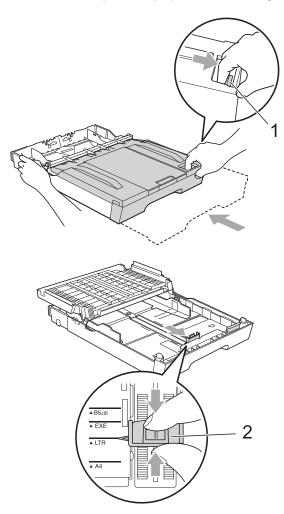
DO NOT push Tray #1 into the machine too quickly. Doing this may cause injury to your hand by trapping it between Tray #1 and Tray #2. Please push Tray #1 slowly.

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





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



Loading paper in paper tray #2 (lower tray)

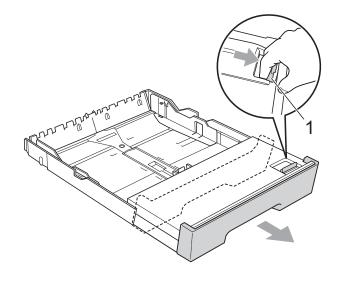


- You can only use plain paper sizes A4, A3, Ledger, Letter or Legal in Tray #2.
- When you use the Borderless printing feature paper must be fed from Tray#1.
- 1 Pull the paper tray completely out of the machine.

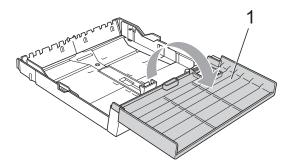




- If you are using A3, Ledger or Legal size paper, press the universal guide release button (1) as you slide out the front of the paper tray until it clicks.
- You can check if the length of the tray is adjusted correctly by opening the paper tray cover.

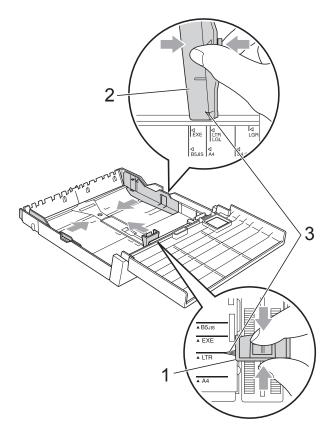


Open the paper tray cover (1).



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

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



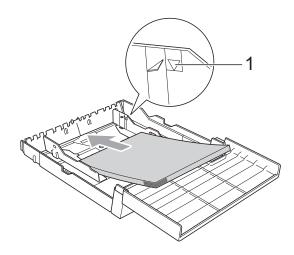
Fan the stack of paper well to avoid paper jams and misfeeds.



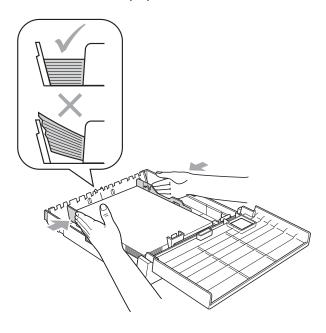
Always make sure that the paper is not curled.

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 and below the maximum paper mark (1).
Overfilling the paper tray may cause

Overfilling the paper tray may cause paper jams.



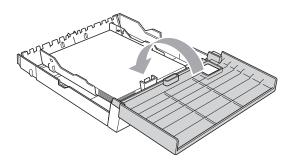
6 Using both hands, gently adjust the paper side guides so they touch the sides of the paper stack.



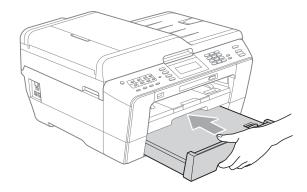


Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.

Close the paper tray cover.



8 Slowly push the paper tray back into the machine.



- 9 Do one of the following:
 - If you are using A3, Ledger or Legal size paper, go to step **(0**.

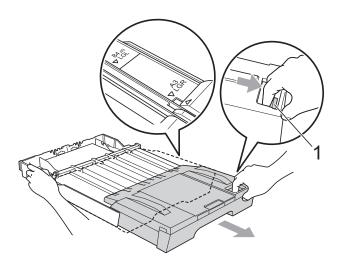


When you are using large size paper in Tray #2, you may need to extend Tray #1 out over Tray #2 to prevent printed pages from falling off the output tray.

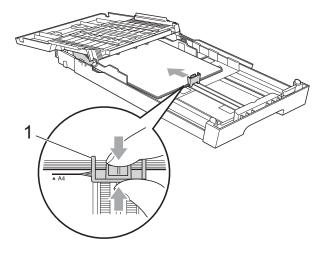
■ If you are using A4 or Letter size paper, go to step ❸.

10 Pull tray #1 out of the machine.
Press the universal guide release button (1) as you slide out the front of the paper tray.

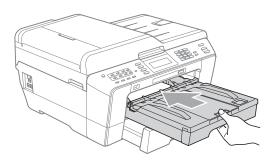




Open the output paper tray cover and adjust the paper length guide (1) for the paper.



Close the output paper tray cover and slowly push the paper tray into the machine.

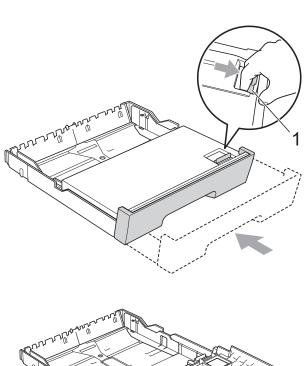


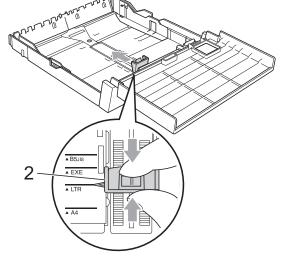
Pull out the paper support (1) until it clicks and unfold the paper support flap (2).





If you are finished using A3, Ledger or Legal size paper and want to use a smaller paper size, take the paper out of the tray. Then shorten the tray by pressing the universal guide release button (1). Adjust the paper length guide (2) to fit the paper size you are going to use. Then put the smaller paper into the tray.



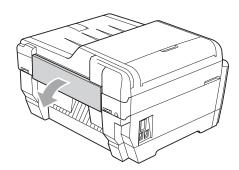


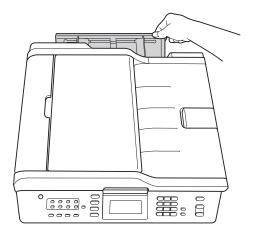
Loading paper in the manual feed slot

You can load special print media one at a time into this slot. Use the manual feed slot to print or copy on envelopes, labels or thicker paper.

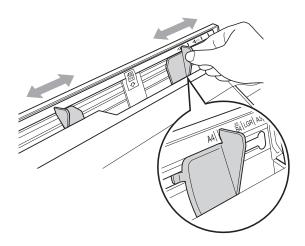


- The machine automatically turns on the Manual Feed mode when you put paper in the manual feed slot.
- When you use the Borderless printing feature paper must be fed from Tray#1.
- 1 Open the manual feed slot cover.

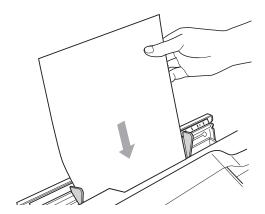




Slide the manual feed slot paper guides to fit the paper width that you are going to use.



3 Put *only* one sheet of paper in the manual feed slot with the side to be printed *face up*.

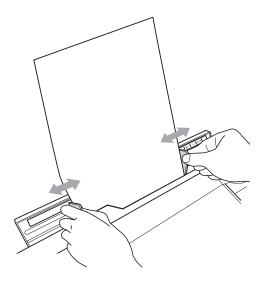


IMPORTANT

 DO NOT put more than one sheet of paper in the manual feed slot at any time. Doing this may cause a paper jam. Wait until the LCD shows

Put paper in Manual Feed Slot Then Press Start before you feed the next sheet of paper in the manual feed slot.

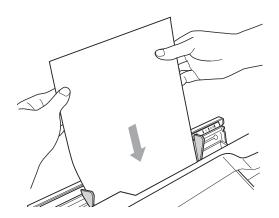
 DO NOT put paper in the manual feed slot when you are printing from Tray #1 or Tray #2. Doing this may cause a paper jam. 4 Using both hands gently adjust the manual feed slot paper guides to fit the paper.





- DO NOT press the paper guides too tightly against the paper. Doing this may cause the paper to fold.
- Place the paper in the centre of the manual feed slot between the paper guides. If the paper is not centred, pull it out and insert it again at the centre position.
- 5 Using both hands, put one sheet of paper in the manual feed slot until the front edge touches the paper feed roller and the machine beeps. Let go of the paper when you feel the machine feed the paper in a short distance. The LCD will show

Manual Feed Slot ready.





When loading an envelope, or a sheet of thick paper, push the envelope into the manual feed slot until you feel it grab the envelope.

6 If the data does not fit on one page, the LCD will prompt you to load another page. Place another sheet of paper in the manual feed slot, and then press Mono Start or Color Start.



- Make sure printing has finished before you close the manual feed slot.
- When paper is placed in the manual feed slot, the machine always prints from the manual feed slot.
- Paper inserted in the manual feed slot while a test page, fax or report is being printed will be ejected.
- During the machine's cleaning process, paper you place in the manual feed slot will be ejected. Wait until the machine finishes its cleaning, and then put the paper into the manual feed slot again.

Loading envelopes and postcards

About envelopes

- Use envelopes that weigh between 80 to 95 g/m².
- Some envelopes need margin settings to be set in the application. Make sure you do a test print first before printing many envelopes.

IMPORTANT

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

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

Glue	Double flaps

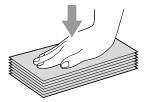
Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using.

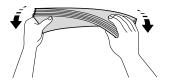
Loading envelopes and postcards

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

IMPORTANT

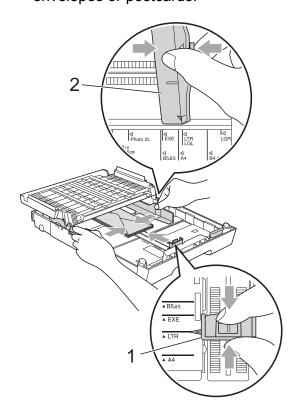
If envelopes or postcards are "double-feeding", put one envelope or postcard in the paper tray at a time.





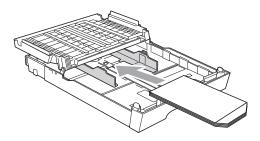


2 Put envelopes or postcards in the paper tray with the address side down and the leading edge (top of the envelopes) in first. Using both hands, gently press and slide the paper length guide (1) and paper side guides (2) to fit the size of the envelopes or postcards.



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

- 1 Open the envelope flap.
- 2 Make sure the open flap is to the back edge of the envelope when printing.

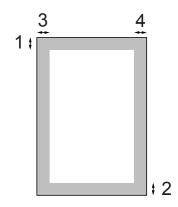


3 Adjust the size and margin in your application.

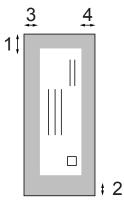
Printable area

The printable area depends on the settings in the application you are using. The figures below show the unprintable areas on cut sheet paper and envelopes. The machine can print in the shaded areas of cut sheet paper when the Borderless print feature is available and turned on. (See *Printing* for Windows[®] or *Printing* and *Faxing* for Macintosh in the *Software User's Guide*.)

Cut Sheet Paper



Envelopes



	Top (1)	Bottom (2)	Left (3)	Right (4)
Cut Sheet	3 mm	3 mm	3 mm	3 mm
Cut Sheet (Duplex print when using A3, Ledger or B4 size)	22 mm	22 mm	3 mm	3 mm
Envelopes	22 mm ¹	22 mm	3 mm	3 mm

¹ The top margin of Y4 envelopes is 12 mm.



- The Borderless feature is not available for envelopes and duplex printing.
- When you use the Borderless printing feature paper must be fed from Tray#1.

Paper settings

Paper Size and Type

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

You can use seven sizes of paper for printing copies: A4, A5, A3, 10×15 cm, Letter, Legal and Ledger and five sizes for printing faxes: A4, A3, Ledger, Letter and Legal. When you load a different size of paper 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 Tray Setting.
- Press the displayed paper size or paper type for Tray#1, or press the displayed paper size for Tray#2.
- 3 Do one of the following:
 - If you chose the paper size for Tray#1, press ◀ or ▶ to display the paper size options, and press A4, A5, A3, 10x15cm, Letter, Legal or Ledger.
 - If you chose the paper type of Tray#1, press Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy Or Transparency.
 - If you chose Tray#2, press A4, A3, Letter, Legal Or Ledger.
- 4 Press Stop/Exit.



- You can only use plain paper in Tray#2.
- 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.

Tray use in Copy mode

You can change the default tray the machine will use for printing copies.

Auto Select will allow your machine to feed paper from either Tray #1 or Tray #2, using the paper type and size settings from the COPY key menu.

To change the default setting follow the instructions below:

- 1 Press Tray Setting.
- Press ▲ or ▼ to display
 Tray Use:Copy.
- 3 Press Tray Use: Copy.
- 4 Press Tray#1, Tray#2 or Auto Select.
- 5 Press Stop/Exit.



You can change the paper size and tray selection temporarily for the next copy by using the Copy mode key. (See *Paper Size* on page 56 and *Tray Select* on page 57.)

Tray use in Fax mode

You can change the default tray the machine will use for printing received faxes.

Auto Select will allow your machine to take paper from Tray #1 first, or from Tray #2 if:

- Tray #2 is set to a different paper size that is more suitable for the received faxes.
- Both trays are using the same size paper and Tray #1 is not set to use plain paper.
- 1 Press Tray Setting.
- Press ▲ or ▼ to display Tray Use: Fax.
- Openion of the second of th
- 4 Press Tray#1, Tray#2 or Auto Select.
- 5 Press Stop/Exit.

Secure Paper Feed mode for A3 size Short Grain Paper

If your printed pages are smudged when using A3 paper, your paper may be short grain paper. Choose A3 - Short Grain and set it to On to avoid this problem.

- 1 Press MENU.
- Press ▲ or ▼ to display
 General Setup.
- 3 Press General Setup.
- 4 Press ▲ or ▼ to display
 A3 Short Grain.
- 5 Press A3 Short Grain.
- 6 Press on.
- 7 Press Stop/Exit.



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

Acceptable paper and other print media

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

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

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

We recommend testing various paper types before buying large quantities.

For best results, use Brother paper.

- When you print on inkjet paper (coated paper), transparencies and glossy paper, be sure to choose the correct print media in the "Basic" tab of the printer driver or in the Paper Type setting of the menu. (See Paper Size and Type on page 23.)
- When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
- When you use transparencies or photo paper, remove each sheet at once to prevent smudging or paper jams.
- Avoid touching the printed surface of the paper immediately after printing; the surface may not be completely dry and may stain your fingers.

Recommended print media

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

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

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

Brother paper

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

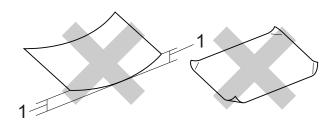
Handling and using print media

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

! IMPORTANT

DO NOT use the following kinds of paper:

 Damaged, curled, wrinkled, or irregularly shaped paper



- 1 2 mm or greater curl may cause jams to occur.
- Extremely shiny or highly textured paper
- Paper that cannot be arranged uniformly when stacked
- Short grain paper

Labels (Manual feed slot only)

Labels should be arranged so that they cover the entire length and width of the sheet. Using labels with spaces may result in labels peeling off and causing serious jams or print problems.

Types of labels to avoid

Do not use labels that are damaged, curled, wrinkled or an unusual shape.









IMPORTANT

- DO NOT feed part used label sheets. The exposed carrier sheet will damage your machine.
- DO NOT reuse or insert labels that have previously been used or are missing few labels on the sheet.

Paper capacity of the output paper tray cover

Up to 50 sheets of 80 g/m² A4 paper.

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

Choosing the right print media

Paper type and size for each operation

Paper Type	Paper Size		Usage			
			Fax	Сору	Photo Capture	Printer
Cut Sheet	A3	$297 \times 420 \text{ mm (11.7} \times 16.5 \text{ in.)}$	Yes	Yes	Yes	Yes
	A4	210 \times 297 mm (8.3 \times 11.7 in.)	Yes	Yes	Yes	Yes
	Ledger	279.4 \times 431.8 mm (11 \times 17 in.)	Yes	Yes	Yes	Yes
	Letter	$215.9 \times 279.4 \text{ mm} (8 \ 1/2 \times 11 \text{ in.})$	Yes	Yes	Yes	Yes
	Legal	$215.9 \times 355.6 \text{ mm} (8 \ 1/2 \times 14 \text{ in.})$	Yes	Yes	_	Yes
	Executive	184×267 mm (7 1/4 \times 10 1/2 in.)	_	_	_	Yes
	JIS B4	257 × 364 mm (10.1 × 14.3 in.)	_	_	_	User Defined
	JIS B5	182 × 257 mm (7.2 × 10.1 in.)	_	_	_	User Defined
	A5	148 \times 210 mm (5.8 \times 8.3 in.)	_	Yes	_	Yes
	A6	$105 \times 148 \text{ mm } (4.1 \times 5.8 \text{ in.})$	_	_	_	Yes
Cards	Photo	10 × 15 cm (4 × 6 in.)	_	Yes	Yes	Yes
	Photo L	89×127 mm (3 $1/2 \times 5$ in.)	_	_	_	Yes
	Photo 2L	13×18 cm (5 × 7 in.)	_	_	Yes	Yes
	Index Card	127 \times 203 mm (5 \times 8 in.)	_	_	_	Yes
	Postcard 1	$100 \times 148 \text{ mm } (3.9 \times 5.8 \text{ in.})$	_	_	_	User Defined
	Postcard 2 (Double)	$148 \times 200 \text{ mm } (5.8 \times 7.9 \text{ in.})$	_	_	_	User Defined
Envelopes	C5 Envelope	162 × 229 mm (6.4 × 9 in.)	_	_	_	Yes
	DL Envelope	110 \times 220 mm (4.3 \times 8.7 in.)	_	_	_	Yes
	COM-10	105×241 mm (4 1/8 \times 9 1/2 in.)	_	_	_	Yes
	Monarch	98×191 mm (3 7/8 \times 7 1/2 in.)	_	_	_	Yes
	Y4 Envelope	105 \times 235 mm (4.1 \times 9.3 in.)	_	_	_	Yes
Transparencies	A4	210 × 297 mm (8.3 × 11.7 in.)	_	Yes	_	Yes
	Letter	$215.9 \times 279.4 \text{ mm} \ (8 \ 1/2 \times 11 \text{ in.})$	_	Yes	_	Yes
	Legal	$215.9 \times 355.6 \text{ mm} (8 \text{ 1/2} \times 14 \text{ in.})$	_	Yes	_	Yes
	A5	148 \times 210 mm (5.8 \times 8.3 in.)	_	Yes	_	Yes
Labels ¹	•		_	_	_	User Defined

Manual Feed Slot only

Paper capacity of the paper trays

	Paper size	Paper types	No. of sheets
Tray #1	A4, Ledger, A3, Legal, Executive,	Plain Paper	250 ¹
	Letter, A5, A6, JIS B4, JIS B5,	Inkjet Paper	20
	Envelopes (commercial No.10, DL, C5, Monarch, Y4), Photo,	Glossy Paper, Photo	20
	Photo L, Photo 2L, Index Card,	Index Card, Postcard	30
	Postcard 1, Postcard 2	Envelopes, Transparencies	10
Tray #2	A4, Ledger, A3, Legal, Executive, Letter, JIS B4, JIS B5	Plain Paper	250 ¹
Manual Feed Slot	A4, Ledger, A3, Legal, Executive, Letter, A5, A6, JIS B4, JIS B5, Envelopes (commercial No.10, DL, C5, Monarch, Y4), Photo, Photo L, Photo 2L, Index Card, Postcard 1, Postcard 2	Plain Paper, Inkjet Paper, Glossy Paper, Envelopes, Transparencies and Labels	1

¹ Up to 250 sheets of 80 g/m² paper.

Paper weight and thickness

Paper Type		Weight	Thickness
Cut Sheet	Plain Paper	64 to 120 g/m ²	0.08 to 0.15 mm
	(Tray #2)	64 to 105 g/m ²	0.08 to 0.15 mm
	Plain Paper		
	Inkjet Paper	64 to 200 g/m ²	0.08 to 0.25 mm
	Glossy Paper 1	Up to 220 g/m ²	Up to 0.25 mm
Cards	Photo Card ¹	Up to 220 g/m ²	Up to 0.25 mm
	Index Card	Up to 120 g/m ²	Up to 0.15 mm
	Postcard 1	Up to 200 g/m ²	Up to 0.25 mm
	Postcard 2		
Envelopes		75 to 95 g/m ²	Up to 0.52 mm
Transparencies		_	_
Labels ²		_	_

¹ BP71 (260 g/m²) paper is especially designed for Brother inkjet machines.

Manual feed slot only.

3

Loading documents

How to load documents

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

Using the ADF

The ADF can hold up to 35 pages and feeds each sheet individually. Use standard 80 g/m² paper and always fan the pages before putting them in the ADF.

Document Sizes Supported

Recommended Paper: 80 g/m² A4

Length: 148 to 431.8 mm

Width: 148 to 297 mm

Weight: 64 to 90 g/m²

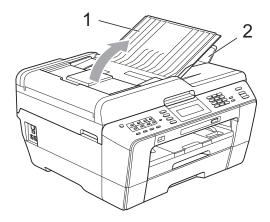
How to load documents

! IMPORTANT

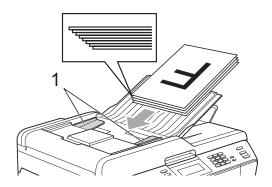
- DO NOT pull on the document while it is feeding.
- DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper clipped, pasted or taped.
- DO NOT use cardboard, newspaper or fabric with the ADF. Instead use the scanner glass.

Make sure documents written with ink are completely dry.

1 Unfold the ADF Document Support (1) and the ADF Document Output Support Flap (2).



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



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

IMPORTANT

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

Using the scanner glass

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

Document Sizes Supported

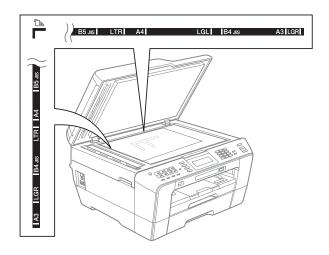
Length: Up to 431.8 mm Width: Up to 297 mm Weight: Up to 2 kg

How to load documents



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

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





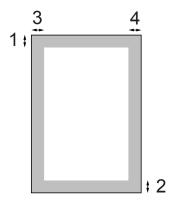
3 Close the document cover.

IMPORTANT

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

Unscannable area

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



Usage	Document	Top (1)	Left (3)
	Size	Bottom (2)	Right (4)
Fax	A3	3 mm	4.5 mm
	A4		3 mm ¹
	Ledger		3.7 mm
	Letter		4 mm
	Legal		
Сору	All paper		3 mm
Scan	sizes		

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



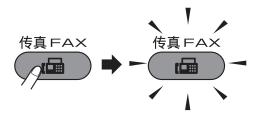
You can send a fax, or copy and scan up to Legal size 2-sided documents from the ADF.

4 Sending a fax

How to send a fax

The following steps show how to send a fax.

1 When you want to send a fax, or change 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 up* in the ADF. (See *Using the ADF* on page 29.)
 - Load your document *face down* on the scanner glass. (See *Using the scanner glass* on page 30.)



- To send color faxes with multiple pages use the ADF.
- If you send a mono fax from the ADF when the memory is full it will be sent in real time.
- You can use the scanner glass to fax pages of a book one at a time. The documents can be up to A3 or Ledger size.
- Since you can only scan one page at a time, it is easier to use the ADF if you are sending a multiple page document.

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

(Basic User's Guide)

For details changing the following fax sending settings, see pages 34 to 35.

- Glass ScanSize
- Color Fax Transmission
- Preview Outgoing Fax
- Transmission Verification Report (Setup)

(Advanced User's Guide)

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

- Contrast
- Fax Resolution
- Set New Defaults
- Factory Reset
- Duplex fax
- Faxing at End of Call
- Broadcasting
- Real Time TX
- Overseas Mode
- Delayed Fax
- Batch TX
- Canceling Waiting Jobs
- Polled Transmit

4 Enter the fax number.

Using the dial pad **Using the Phone Book**

■ Phone Book

Using call history

- Outgoing Call
- Caller ID hist.



- You can preview a fax message before sending it by setting Preview to On. (See How to preview an outgoing fax on page 34.)
- If your network supports the LDAP protocol you can search for fax numbers and E-mail addresses on your server. (See LDAP operation in the Network User's Guide.)

Press Mono Start or Color Start.

Faxing from the ADF

■ The machine starts scanning the document.

Faxing from the scanner glass

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

Do one of the following:

- To send a single page, press No (or press Mono Start again).
 - The machine starts sending the document.
- To send more than one page, press Yes and place the next page on the scanner glass. Press Mono Start or Color Start. The machine starts scanning the page. (Repeat this step for each additional page.)
- If you press Color Start, press Yes. The machine starts sending the document.

Stop faxing

To stop faxing, press Stop/Exit.

Setting scanner glass size for faxing

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

- 1 Press (FAX).
- Press ◀ or ▶ to display Glass Scan Size.
- 3 Press Glass Scan Size.
- 4 Press A4, A3, Letter, Legal or Ledger.



- You can save the setting you use most often by setting it as default. (See Setting your changes as a new default in chapter 3 of 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 memory. When you send a color fax, the machine will send it in real time (even if $Real\ Time\ TX$ is set to Off).

Cancelling a fax in progress

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

How to preview an outgoing fax

You can preview a fax message before you send it. You must set the Real Time Transmission and Polling RX to Off before you use this feature.

- 1 Press (FAX).
- 2 Press ◀ or ▶ to display Preview.
- 3 Press Preview.
- 4 Press on.
- 5 Load the document.
- 6 Enter the fax number using the dial pad, One Touch or Speed Dial.
- 7 Press Mono Start.

The machine starts scanning the document and the outgoing fax appears on the LCD.

When the fax is displayed, press MENU. The buttons will appear on the LCD and perform the operations shown below.

Button	Description
•	Enlarge the fax.
(Q)	Reduce the fax.
▲ or ▼	Scroll vertically.
d or ▶	Scroll horizontally.
	Rotate the fax clockwise.
	Go back to the previous page.
	Go to the next page.
X	Close the preview table.



To send a color fax do not use Fax Preview.

8 Press Mono Start.



The fax message in the memory will be sent and then erased when you press **Mono Start**.

Transmission Verification Report

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

There are several settings available for the Transmission Verification Report:

- On: Prints a report after every fax you send.
- On+Image: Prints a report after every fax you send. A portion of the fax's first page appears on the report.
- off: Prints a report if your fax is unsuccessful due to a transmission error. The report will also print if the receiving machine modifies the size of the document you fax. Off is the default setting.
- Off+Image: Prints a report if your fax is unsuccessful due to a transmission error. The report will also print if your fax is successful, but the receiving machine modifies the size of the document you fax. A portion of the fax's first page appears on the report.
- Off2: Prints a report only if your fax is unsuccessful due to a transmission error.
- Off2+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.

- 1 Press MENU.
- Press ▲ or ▼ to display Fax.
- 3 Press Fax.
- 4 Press ▲ or ▼ to display
 Report Setting.
- 5 Press Report Setting.
- 6 Press Transmission.
- Press On, On+Image, Off, Off+Image, Off2 or Off2+Image.
- 8 Press Stop/Exit.



- If you choose On+Image, Off+Image or Off2+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 of the Advanced User's Guide.)
- If your transmission is successful, "OK" will appear next to "RESULT" on the Transmission Verification Report. If transmission is not successful, "ERROR" will appear next to "RESULT".

Receiving a fax

Receive modes

By factory default, the factory setting of Receive Mode is "Fax". Your machine will automatically receive any faxes that are sent to it. There are four receive modes of this machine as below. For more detailed information on the receive modes, see *Using receive modes* on page 37.

Operation Display	LCD Display	Factory Default Ring Delay
Fax Only	Fax	Ring Delay: 2 times
		Fax detection: On
Fax/Tel	F/T	Ring Delay: 2 times
		Time: 30 seconds
Manual	Mnl	
External TAD	TAD	

To set a receive mode follow the instructions below:

- 1 Press MENU.
- 2 Press ▲ or ▼ to display Initial Setup.
- 3 Press Initial Setup.
- 4 Press ▲ or ▼ to display Receive Mode.
- 5 Press Receive Mode.
- 6 Press Fax Only, Fax/Tel, Manual or External TAD.
- 7 Press Stop/Exit.
 The LCD will display the current receive mode.

Using receive modes

Mode	Function	Help
Fax (Fax Only) Each call recognized as fax and send fax signal.	Factory setting of Ring Delay is 2 (0-10 times available, please see <i>Ring Delay</i> on page 38). After ringing 2 times, the fax machine send fax-receiving signals automatically;	
	However, you can answer the call within the number of rings.	Tip: If your machine is connecting an external answering phone device, and often use it to answer incoming calls, you could set the ring time through 4 to 6 times.
	90.	Within the recommended ringing times, you can use the external answering phone device to answer and talk. ¹
F/T (Fax/Tel)	Automatically determine whether the incoming call is telephone or fax	Factory setting of Ring Delay is 2 (0-10 times available, please see <i>Ring Delay</i> on page 38. Factory setting of F/T ring time (a fast double-ring) is 30 seconds (20, 30, 40, 70 seconds available, please see <i>F/T Ring Time (Fax/Tel mode only)</i> on page 38).
	calls. Non-Fax call will make a fast double-ring to	According to incoming call after the fax machine rings 2 times: 1) For the fax call, send fax received signal; 2) For the telephone call, make a fast double-ring, waiting for you answer the phone.
	inform you answer the phone.	Tip: If your machine is connecting an external answering phone device, you could set the ringing time through 4 to 6 times to answer the call. ¹
Mnl (Manual)	Machine doesn't recognize each call, only as a common	Answering the call, or if the caller wants to send you a fax, press Mono Start or Color Start button (under easy mode) to receive faxes.
phone call that you need to determine after answering the phone.		Tip: If your machine is connecting an external answering phone device, you can use the external answering phone device to answer and talk. ¹
TAD (External TAD)	The external answering machine (TAD)	Use this mode if you have connected an external answering machine to your machine. The TAD setting works only with an external answering machine.
	automactically answers every call. Voice messages are stored on the external TAD. Fax messages are printed.	Note: Ring Delay and F/T Ring Time do not work in this setting.

If the caller wants to send a fax during a call or the caller sends you a fax call, please press **Mono Start** or **Color Start** button (under easy mode) on the control panel of the machine or press * **5 1** keys on the external answering phone device (you have to turn on the remote codes first, please see *Using remote codes* on page 47 to give fax receiving signals.

Receive Mode settings

Ring Delay

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

(See Operation from external and extension telephones on page 47 and Fax Detect on page 39.)

- 1 Press MENU.
- Press ▲ or ▼ to display Fax.
- 3 Press Fax.
- 4 Press ▲ or ▼ to display Setup Receive.
- 5 Press Setup Receive.
- 6 Press A or ▼ to display Ring Delay.
- $\overline{7}$ **Press** Ring Delay.
- 8 Press the number of times the machine will ring before it answers.
 If you choose 0, the line will not ring at all.
- 9 Press Stop/Exit.

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

When somebody calls your machine, you and your caller will hear the normal telephone ring 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 47.)

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



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

Fax Detect

If Fax Detect is On:

Fax Detect is turned on as default.

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

If Fax Detect is Off:

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

If you answered at an extension or external telephone, press * **5 1**. (See *Operation from external and extension telephones* on page 47.)

Note

- If this feature is set to On, but your machine does not connect a fax call when you lift an extension or external telephone handset, press the remote activation code * 5 1.
- If you send faxes from a computer on the same telephone line and the machine intercepts them, set Fax Detect to Off.
- 1 Press MENU.
- Press ▲ or ▼ to display Fax.
- 3 Press Fax.
- 4 Press ▲ or ▼ to display Setup Receive.
- 5 Press Setup Receive.
- 6 Press A or ▼ to display Fax Detect.
- 7 Press Fax Detect.
- 8 Press On (or Off).
- 9 Press Stop/Exit.

Fax Preview (Monochrome only)

How to preview a received fax

You can view received faxes on the LCD by pressing the **Fax Preview** key. When the machine is in Ready mode, a popup message will appear on the LCD to alert you of new faxes.

Setting Fax Preview

- 1 Press Fax Preview.
- Press Yes. The LCD asks you again to confirm because faxes will be viewed instead of automatically printed. Press Yes.
- 3 Press Stop/Exit.



- When Fax Preview is turned on, a backup copy of received faxes will not be printed for Fax Forwarding and PC-Fax Receiving operations, even if you have set Backup Print to On.
- Fax Preview is not available when Fax Forwarding is turned on.

Using Fax Preview

When you receive a fax, you will see the popup message on the LCD. (For example:

New Fax(es): 02)

1

Press Fax Preview.

You can see the new fax list.



- If you receive a fax containing multiple paper sizes (for example, a page of A4 data and a page of A3 data), the machine may create and store a file for each paper size. The LCD may show that more than one fax job has been received.
- You can also see your old fax list by pressing the Old Fax tab on the LCD.
 Press the New Fax tab to go back to your new fax list.
- Press ▲ or ▼ to display the fax number of the fax you want to see.
- Oress the fax you want to see.



- If your fax is large there may be a delay before it is displayed on the LCD.
- The LCD will show the current page number and total pages of the fax message. When your fax message is over 99 pages the total number of pages will be shown as "xx".

When the fax is displayed, the buttons will appear on the LCD and perform the operations shown below.

Button	Description	
\odot	Enlarge the fax.	
	Reduce the fax.	
▲ or ▼	Scroll vertically.	
or ▶	Scroll horizontally.	
	Rotate the fax clockwise.	
	Delete the fax.	
	Press Yes to confirm.	
	Go back to the previous page.	
	Go to the next page.	
_ 5	Go back to the fax list.	
	Print the fax.	
	Do one of the following:	
	■ Press Print All Pages to print the whole message.	
	Press Print Displayed Only to print only the displayed page.	
	Press Print From Displayed to print from the displayed page.	
X	Close the preview table.	

4

Press Stop/Exit.

How to print a fax

- 1 Press Fax Preview.
- 2 Press the fax you want to view.
- 3 Press (Print).
 - If the fax is multiple pages, go to step 4.
 - If the fax is a single page it will start printing. Go to step 6.
- 4 Do one of the following:
 - Press Print All Pages to print all pages of the fax.
 - Press Print Displayed Only to print the displayed page.
 - Press Print From Displayed to print the displayed page to the last page.
- 5 Do one of the following:
 - To delete the fax, press Yes.
 - To keep the fax in the memory, press $N \circ$.
- 6 Press Stop/Exit.

How to print all faxes in the list

- 1 Press Fax Preview.
- 2 Press More.
- 3 Press Print All.
- 4 Press Stop/Exit.

How to delete all faxes in the list

- 1 Press Fax Preview.
- 2 Press More.
- 3 Press Delete All.
 Press Yes to confirm.
- 4 Press Stop/Exit.

Turning off Fax Preview

- 1 Press Fax Preview.
- 2 Press More.
- 3 Press Turn Off Fax Preview.
- 4 Press Yes to confirm.
- 5 If there are faxes stored in the memory, do one of the following:
 - If you do not want to print the stored faxes, press Continue.

 The machine asks you to confirm the deletion of the stored faxes.

Press Yes to confirm.

- If you want to print all the stored faxes, press Print all faxes.
- If you do not wish to turn off Fax Preview, press Cancel.
- 6 Press Stop/Exit.

Telephone and external devices

Voice operations

Tone or pulse

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

- 1 Pick up the handset of the external telephone.
- 2 Press # on the machine's control panel. Any digits dialled after this will send tone signals.

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

Fax/Tel mode

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

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

If you are at an extension telephone, you will need to lift the handset of extension telephone during the F/T Ring Time and then press # 5 1 on extension telephone between the fast double rings to turn the F/T ring off.

If no one is on the line, or if someone wants to send you a fax, send the call back to the machine by pressing * 5 1.

Phone line services

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

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

Do you have Voice Mail?

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

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

Telephone Service

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

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

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



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

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls.

For Home

Residential customers can protect themselves from unwanted calls.

Setup Method

- 1 Press MENU.
- Press ▲ or ▼ to display Fax.
- Press Fax.
- Press ▲ or ▼ to display Miscellaneous.
- 5 Press Miscellaneous.
- 6 Press **▲** or **▼** to display Caller ID Type.
- 7 Press Caller ID Type.
- Press Auto, FSK or DTMF.
- Press Stop/Exit.

Caller ID feature

The Caller ID feature of this machine lets you use the Caller ID subscriber service offered by many local phone companies.

You can view the list or choose one of these numbers to fax to, add to Speed Dial or delete from the history. (See Caller ID history on page 51.)

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

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

You can print a list of the Caller ID information received by your machine. (See How to print a report in chapter 6 in the Advanced User's Guide.)



M Note

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

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

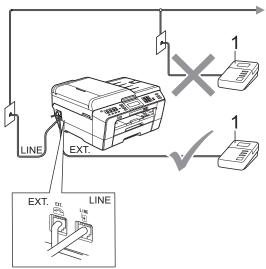
Connecting an external TAD (telephone answering device)

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

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



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



1 TAD

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

IMPORTANT

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

Connections settings

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

- Set your external TAD to one or two rings. (The machine's Ring Delay setting does not apply.)
- Record the outgoing message on your external TAD.
- Set the TAD to answer calls.
- 4 Set the Receive Mode to
 External TAD. (See Choose the
 Receive modes on page 36.)

Recording an outgoing message (OGM) on an external TAD

Timing is important in recording this message.

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



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

Multi-line connections (PABX)

Most offices use a central telephone system.

Brother recommends that all our machines be connected to a discreet (dedicated) line. Although a particular PABX may appear to work with a particular model of fax machine, we cannot guarantee that the unit will operate correctly.

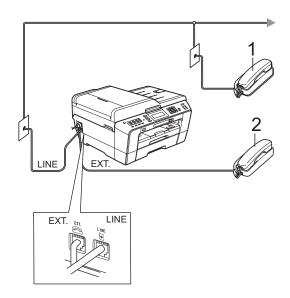
While it is often relatively simple to connect a fax machine to a PABX, (Private Automatic Branch Exchange), we suggest that you contact the company that installed your telephone system and ask them to connect the fax machine for you.

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

External and extension telephones

Connecting an external or extension telephone

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



- 1 Extension telephone
- 2 External telephone

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

Operation from external and extension telephones

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

If the machine answers a voice call and fast double-rings for you to take over, use the Remote Deactivation Code # 5 1 to take the call at an extension telephone. (See *F/T Ring Time (Fax/Tel mode only)* on page 38.)

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

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

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



You can also use the Fax Detect feature to make your machine automatically take the call. (See *Fax Detect* on page 39.)

Using a cordless external telephone

Once the base unit of the cordless telephone has been connected to the same telephone line as the machine (see *External and extension telephones* on page 46), it is easier to answer calls during the Ring Delay if you carry the cordless handset around with you.

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

Using remote codes

Remote Activation code

If you answer a fax call on an extension or external telephone, you can tell your machine to receive it by dialling the Remote Activation Code * **5 1**. Wait for the chirping sounds then replace the handset. (See *Fax Detect* on page 39.)

If you answer a fax call at the external telephone, you can make the machine receive the fax by pressing **Mono Start** and choose Receive when you select the Fax Mode to Advanced Mode. (See Setting the Fax Logic (sending and receiving sequence) on page 10).

Remote Deactivation Code

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

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

Changing the remote codes

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

- Press MENU.
- Press ▲ or ▼ to display Fax.
- Press Fax.
- Press ▲ or ▼ to display Setup Receive.
- Press Setup Receive.
- Press ▲ or ▼ to display Remote Codes.
- Press Remote Codes.
- 8 Press On (or Off).
- Do one of the following.
 - If you want to change the Remote Activation Code, enter the new code.

Press OK, go to step **(1)**.

- If you do not want to change the Remote Activation Code, press OK, go to step **(1)**.
- Do one of the following.
 - If you want to change the Remote Deactivation Code, enter the new code.

Press OK, go to step 1.

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



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

Dialling and storing numbers

How to dial

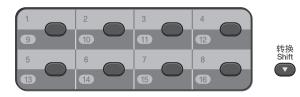
Manual dialling

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



One Touch Dialling

Your machine has 8 One Touch keys where you can store 16 fax or telephone numbers for automatic dialling.



Press the One Touch key that stores the number you want to call. (See *Storing One Touch Dial numbers* on page 52.) To access numbers 9 to 16, hold down **Shift** as you press the One Touch key.

Speed Dialling

- 1 Press (Phone Book).
 You can also choose Phone Book by pressing (FAX).
- Press the two-digit number you want to call. You can also display the numbers in alphabetical order by pressing on LCD.



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

- To send a fax, press Send a fax and go to step 4. The machine dials the telephone number.
- 4 Press Mono Start or Color Start.
 The machine scans and sends the fax.

Fax Redial

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

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

- Press Redial/Pause.
- Press the number you want to redial.
- 3 Press Send a fax.
- Press Mono Start or Color Start.



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

Additional Dialling Operations

Outgoing Call history

The last 30 numbers you sent a fax to will be stored in the outgoing call history. You can choose one of these numbers to fax to, add to One Touch or Speed Dial, or delete from the history.

- Press Redial/Pause.
 You can also press

 Call History).
- 2 Press the Outgoing Call tab.
- 3 Press the number you want.
- 4 Do one of the following:
 - To send a fax, press Send a fax.
 - If you want to store the number, press More and then press Add to Speed Dial Or Add to One Touch Dial.

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

■ If you want to delete the number from the Outgoing Call history list, press More and then press Delete.

Press Yes to confirm.

5 Press Stop/Exit.

Caller ID history

This feature requires the Caller ID subscriber service offered by many local telephone companies. (See Caller ID (Caller IDentification) (not available in certain area) on page 43.)

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



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

- 1 Press 🔳 (Call History).
- Press Caller ID hist..
- 3 Press ▲ or ▼ to display the number or the name you want to call.
- 4 Press the number or the name you want to call.
- 5 Do one of the following:
 - To send a fax, press Send a fax.
 - If you want to store the number, press More and then press Add to Speed Dial Or Add to One Touch Dial.

(See Storing One Touch numbers from the Caller ID history and Storing Speed Dial numbers from the Caller ID history in chapter 5 of the Advanced User's Guide.)

■ If you want to delete the number from the Caller ID history list, press More and then press Delete.

Press Yes to confirm.





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

Storing numbers

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



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

Storing a pause

When you are storing One Touch or Speed Dial numbers in the Phone Book, you can insert one or more 3.5-second pauses by pressing the Pause button on the LCD.

Storing One Touch Dial numbers

Your machine has 8 One Touch keys where you can store 16 fax or telephone numbers for automatic dialling. To access numbers 9 to 16 hold down **Shift** as you press the One Touch key.

Press the One Touch key where you want to store the number.

Press Yes.



LCD.

You can also store One Touch Dial numbers pressing [CPhone Book]. Press More.

Press Set One Touch Dial.

Press a number using the buttons on the

2 Do one of the following:

■ Enter the name (up to 16 characters) using the buttons on the LCD.

Press OK.

(To help you enter letters, see *Entering Text* on page 129.)

- To store the number without a name, press OK.
- 3 Enter the fax or telephone number (up to 20 digits) using the buttons on the LCD. Press OK.



If you downloaded Internet Fax:

If you want to store an E-mail address to use with Internet fax or Scan to E-mail server, press and enter the E-mail address and press OK. (See *Entering Text* on page 129.)

- 4 When the LCD displays your settings, press OK to confirm.
- 5 Press Stop/Exit.

Storing Speed Dial numbers

Names and numbers can be stored as two-digit Speed Dial locations. You can store up to 100 different Speed Dial locations. When you dial you will only have to press a few keys (for example: press

(Phone Book), the number you want to call and Send a fax).

- 1 Press (Phone Book).
- Press More.
- 3 Press Set Speed Dial.
- 4 Do one of the following:
 - Enter the name (up to 16 characters) using the buttons on the LCD.

Press OK.

(To help you enter letters, see *Entering Text* on page 129.)

- To store the number without a name, press OK.
- 5 Enter the first fax or telephone number (up to 20 digits) using the buttons on the LCD.

 Press OK.



If you want to store an E-mail address to use with Internet fax or Scan to E-mail server, press and enter the E-mail address and press OK. (See *Entering Text* on page 129.)

- 6 Do one of the following:
 - Enter the second fax or telephone number (up to 20 digits) using the buttons on the LCD.

Press OK.

■ If you do not want to store a second number, press OK.

- 7 To choose where the number will be stored, do one of the following:
 - To accept the displayed next available Speed Dial location, press OK.
 - To enter a different Speed Dial location, press a 2-digit number using the buttons on the LCD.

 Press OK.



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

- 8 When the LCD displays your settings, press OK to confirm.
- 9 Do one of the following:
 - To store another Speed Dial number, repeat steps ② to ③.
 - To finish storing numbers, press Stop/Exit.

Changing One Touch or Speed Dial names or numbers

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

- 1 Press (Phone Book).
- Press More.
- 3 Do one of the following:
 - Press Change to edit the names or numbers.
 - Press Delete to delete all information in a Speed Dial or One Touch location.

Press the number you want to delete.

Press OK.

Press Yes to confirm.

Go to step 8.

- Press ▲ or ▼ to display the number you want to change.
- 5 Press the number you want to change.



One Touch Dial locations begin with *. Speed Dial locations begin with #.

- 6 Do one of the following:
 - If you want to change the name, press Name:.
 Enter the new name (up to 16 characters) using the buttons on the LCD. (See *Entering Text* on page 129.)

Press OK.

- If you want to change the first Fax/Tel number, press Fax/Tel: (One Touch Dial) or Fax/Tel1: (Speed Dial).

 Enter the new fax or telephone number (up to 20 digits) using the buttons on the LCD.

 Press OK.
- If you want to change the second Fax/Tel number, press Fax/Tel2: (Speed Dial).

 Enter the new fax or telephone number (up to 20 digits) using the buttons on the LCD.

 Press OK.



How to change the stored name or number:

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

- 7 Do one of the following:
 - Press OK to finish.
 To change another One Touch or Speed Dial location, repeat steps 2 to 6.
 - To change more details, go to **6**.

The LCD will display your settings.

8 Press Stop/Exit.

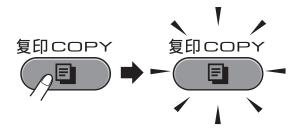
8

Making copies

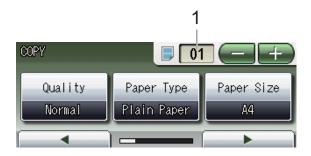
How to copy

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

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



■ The LCD shows:



1 No. of Copies

Press the number box directly and enter the number you want.

Also you can enter the number of copies by pressing or for on the screen (as shown above).



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* of the *Advanced User's Guide*.)

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

(See *Using the ADF* on page 29.)

- Place the document *face down* on the scanner glass.
 - (See *Using the scanner glass* on page 30.)
- If you want more than one copy, enter the number (up to 99).
- 4 Press Mono 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 displayed, press it and choose your option.

(Basic User's Guide)

For details about changing the following copy settings, see page 56.

- Paper Type
- Paper Size
- Tray Select

(Advanced User's Guide)

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

- Quality
- Enlarge/Reduce
- Page Layout
- 2 in 1 (ID)
- Stack/Sort
- Density
- Ink Save Mode
- Thin Paper Copy
- Skew Adjustment
- Book Copy
- Watermark Copy
- Duplex Copy
- Favorite Settings



If you want to sort copies, use the ADF.

Paper Options

Paper Type

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

- 1 Press (COPY).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press **∢** or ▶ to display Paper Type.
- 5 Press Paper Type.
- 6 Press Plain Paper, Inkjet Paper, Brother BP71, Brother BP61, Other Glossy Or Transparency.
- 7 If you do not want to change additional settings, press Mono Start or Color Start.

Paper Size

If you are copying on paper other than A4 size, you will need to change the paper size setting. You can copy only on A4, A5, A3, Photo 10×15 cm, Letter, Legal or Ledger paper.

- 1 Press (COPY).
- 2 Load your document.
- 3 Enter the number of copies you want.
- 4 Press ◀ or ▶ to display Paper Size.
- 5 Press Paper Size.
- 6 Press A4, A5, A3, 10x15cm, Letter, Legal or Ledger.
- 7 If you do not want to change additional settings, press **Mono Start** or **Color Start**.

Tray Select

You can change the tray temporarily for the next copy. To change the default tray setting see *Tray use in Copy mode* on page 23.

- 1 Press (COPY).
- 2 Load your document.
- 3 Enter the number of copies you want.
- Press ◀ or ▶ to display Tray Select.
- 6 Press Tray Select.
- 6 Press Tray#1, Tray#2 or Auto Select.
- 7 If you do not want to change additional settings, press Mono Start or Color Start.



Poster copy is not available when you use Tray#2.

9

Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center™ operations

Even if your machine is *not* connected to your computer, you can print photos directly from digital camera media or a USB Flash memory drive. (See *Print Images* on page 61.)

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 62.)

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*.)

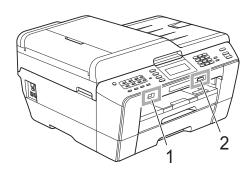
Using a memory card or USB Flash memory drive

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, MultiMedia Card, MultiMedia Card plus and USB Flash memory drives.

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

Getting started

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



1 USB Flash memory drive



IMPORTANT

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

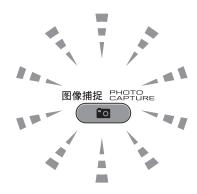
2 Memory card slot

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

! IMPORTANT

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

PHOTO CAPTURE key indications:



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

! IMPORTANT

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

The machine can only read one device at a time.

Print Images

View Photos

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

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

Press (PHOTO CAPTURE).

- Press View Photo(s).
 Do one of the following:
 - If you want to choose photos to print or print more than one for an image, go to step 3.
 - If you want to print all photos, press
 .

Press Yes to confirm.

Go to step 6.

Note

- Four thumbnails are displayed at a time with the current page number and total number of pages listed under the thumbnails.
- Press ____ to start Slide Show.
- 3 Press a photo from the thumbnail.
- 4 Enter the number of copies you want either by pressing the number box directly and enter the number you want or pressing + or -.

 Press OK.
- 5 Repeat step 3 and 4 until you have chosen all the photos that you want to print.

- 6 After you have chosen all the photos, press OK. You now have the following options:
 - To add the Auto Correct effect to your chosen photos, press .

 (See Enhance Photos in chapter 8 of the Advanced User's Guide.)
 - If you want to change the print settings, press Print Setting. (See page 62.)
 - If you do not want to change any settings, go to step **⑦**.
- 7 Press Color Start to print.

PhotoCapture Center™ print settings

You can change the print settings temporarily.

The machine returns to its default settings after 3 minutes, or if the Mode Timer returns the machine to Fax mode. (See *Mode Timer* in *chapter 1* of 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 a new default in chapter 8 of the Advanced User's Guide.)



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

You can scan monochrome and color documents onto a memory card or USB Flash memory drive. Monochrome 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 200 dpi 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, 2011 would be named 01071105.PDF. You can change the color and quality.

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



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

IMPORTANT

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

- 2 Do one of the following:
 - If you want to scan a 2-sided document, load your document in the ADF.

Press **Stop/Exit** to return to ready mode.

Press Duplex, and then press Scan. Go to step 3.

■ If you want to scan a single-sided document, load your document and press (SCAN).

Go to step 4.

- 3 Do one of the following:
 - If your document is flipped on the Long edge, press

DuplexScan :LongEdge.

Long edge	
Portrait	Landscape
	2

■ If your document is flipped on the Short edge, press

DuplexScan : ShortEdge.

Short edge		
Portrait	Landscape	
2	2	

4 Press to Media.

- 5 Do one of the following:
 - To change the quality, press ◀ or ▶ to display Quality.

Press Quality and choose

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

■ To change the file type, press or to display File Type.
Press File Type and choose PDF,
JPEG or TIFF.



If you are using the scanner glass of the machine you can change the glass scan size.

Press ◀ or ▶ to display

Glass Scan Size and choose A4, A3, Letter, Legal or Ledger.

■ If you want to change the file name, press or to display File Name. Press File Name and enter the file name.

You can only change the first 6 characters.

Press OK.

■ To start scanning without changing additional settings, go to step **⑤**.



- If you chose color in the resolution setting, you cannot choose TIFF.
- If you chose monochrome in the resolution setting, you cannot choose JPEG.
- 6 Press Mono Start or Color Start.



- You can scan a 2-sided document up to Legal size from the ADF.
- You can place multiple documents on the scanner glass and scan them as separate files. (See Auto Crop in chapter 8 of 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
 - **■** Print Quality
 - Paper Size
 - Orientation
 - Colour/Greyscale
 - Ink Save Mode
 - Scaling
- Click **OK**.
- 6 Click **OK** to begin printing.

11

How to scan to a computer

Scanning a document

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

- 1 To use the machine as a scanner, 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 29.)
 - Use the ADF to scan multiple pages of documents or 2-sided documents. It feeds each sheet automatically.
 - Use the scanner glass to scan a page of a book or one sheet at a time.
- 3 Do one of the following:
 - To scan using the **SCAN** key, go to *Scanning using the scan key*.
 - To scan using a scanner driver at your computer, go to Scanning using a scanner driver.

Scanning using the scan key

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

- 1 Press (SCAN).
- 2 Choose the scan mode you want.
 - to File
 - to Media
 - to Network
 - to FTP
 - to Email
 - to OCR ¹
 - to Image
 - 1 (Macintosh users) Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) on page 3 for further instructions.
- (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 four cartridges. When the machine detects an ink cartridge is running out of ink, the machine will tell you with a message on the LCD.



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

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

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

You should only replace the actual ink cartridge when this message
Cannot Print or B&W Print Only appears on the LCD.

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

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

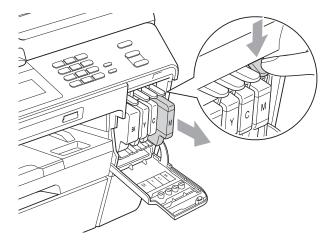
! IMPORTANT

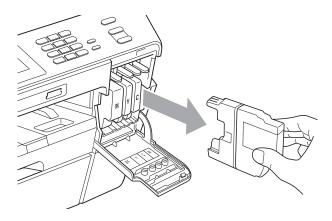
Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance and reliability when used with Brother Original ink cartridges. Brother cannot guarantee this optimum performance and reliability if ink or ink cartridges of other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

Open the ink cartridge cover.

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

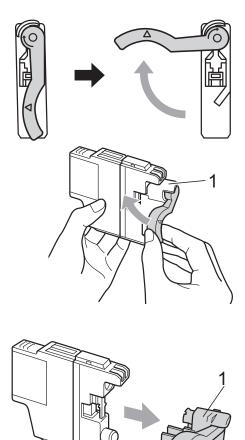
Press the lock release lever as shown to release the cartridge indicated on the LCD. Remove the cartridge from the machine.



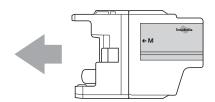


Open the new ink cartridge bag for the color shown on the LCD, and then take out the ink cartridge.

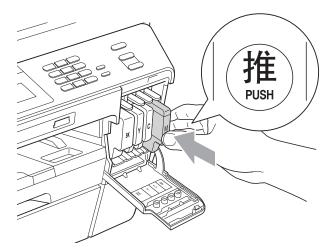
4 Turn the green release lever on the orange protective packing (1) clockwise until it clicks to release the vacuum seal. Then remove the orange protective packing as shown.



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



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



7 The machine will automatically reset the ink dot counter.



- If you replaced an ink cartridge, for example Black, the LCD may ask you to verify that it was a brand new one (for example, Did You Change BK Black). For each new cartridge you installed, press Yes to automatically reset the ink dot counter for that color. If the ink cartridge you installed is not a brand new one, be sure to press No.
- If the LCD shows No Ink Cartridge or Cannot Detect after you install the ink cartridges, check that the ink cartridges are installed correctly.

A CAUTION

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

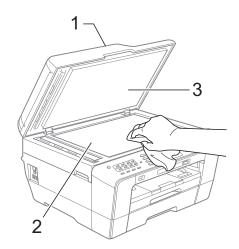
! IMPORTANT

- 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.

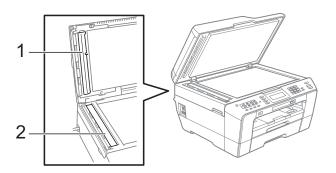
Cleaning and checking the machine

Cleaning the scanner glass

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

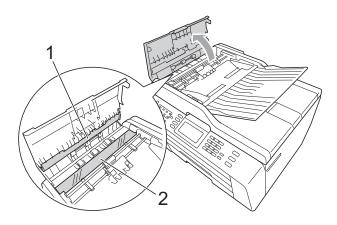


3 In the ADF unit, clean the white bar (1) and the glass strip (2) with a soft lint-free cloth moistened with a non-flammable glass cleaner.



4 Close the document cover and open the ADF cover.

Clean the white bar (1) and the glass strip (2) with a soft lint-free cloth moistened with a non-flammable glass cleaner.



- 5 Close the ADF cover.
- 6 Re-connect the power cord.



In addition to cleaning the glass strip with a non-flammable glass cleaner, run your finger tip over the glass strip to see if you can feel anything on it. If you feel dirt or debris, clean the glass strip again concentrating on that area. You may need to repeat the cleaning process three or four times. To test, make a copy after each cleaning attempt.



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



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

A

Cleaning the print head

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

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

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

IMPORTANT

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

- 1 Press
- Press Cleaning.
- 3 Press Black, Color or All.
 The machine cleans the print head.
 When cleaning is finished, the machine will go back to the standby mode automatically.



If you clean the print head at least five times and the print has not improved, try installing a new Brother Original Innobella™ ink cartridge for each problem color. Try cleaning the print head again up to five more times. If the print has not improved call your Brother dealer.

Checking the print quality

If faded or streaked colors and text appear on your output, some of the nozzles may be clogged. You can check this by printing the Print Quality Check Sheet and looking at the nozzle check pattern.

- 1 Press
- Press Test Print.
- 3 Press Print Quality.
- Press Color Start.
 The machine begins printing the Print Quality Check Sheet.
- Check the quality of the four color blocks on the sheet.
- 6 The LCD asks you if the print quality is OK

Do one of the following:

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

OK Poor





- 7 The LCD asks you if the print quality is OK for black and the three colors.

 Press Yes or No.
- 8 The LCD asks you if you want to start cleaning.

Press Color Start.

The machine starts cleaning the print head.

9 After cleaning is finished, press Color Start.

The machine starts printing the Print Quality Check Sheet again and then return to step **5**.

10 Press Stop/Exit.

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

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

!MPORTANT

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





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



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

Checking the print alignment

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

- 1 Press
- 2 Press Test Print.
- 3 Press Alignment.
- Press Mono Start or Color Start.
 The machine starts printing the Alignment Check Sheet.
- 5 For the "A" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 6 For the "B" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 7 For the "C" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 8 For the "D" pattern, press the number of the test print that has the least visible vertical stripes (1-9).
- 9 Press Stop/Exit.

B

Troubleshooting

Error and Maintenance messages

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

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

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

Error Message	Cause	Action
B&W Print Only Replace Ink	One or more of the color ink cartridges have reached the end of their life. You can use the machine in	Replace the ink cartridges. (See Replacing the ink cartridges on page 67.)
	monochrome mode for approximately four weeks depending on the number of pages you print.	If you unplug the machine, or take out the ink cartridge, you cannot use the machine until you change to a new ink
	While this message appears on the LCD, each operation works in the following way:	cartridge.
	■ Printing	
	If you click Greyscale in the Advanced tab of the printer driver you can use the machine as a monochrome printer.	
	■ Copying	
	If the paper type is set to Plain Paper you can make copies in monochrome.	
	Duplex copy is not available when this message appears.	
	■ Faxing	
	If the paper type is set to Plain Paper or	
	Inkjet Paper, the machine will receive and print the faxes in monochrome.	
	If a sending machine has a color fax, the machine's "handshake" will ask that the fax be sent as monochrome.	
	If the paper type is set to Other Glossy, Brother BP71 or Brother BP61 the machine will stop all print operations.	

Error Message	Cause	Action
Cannot Detect	You installed a new ink cartridge too quickly and the machine did not detect it.	Take out the new ink cartridge and re-install it slowly until it clicks.
	If you are using non Brother Original ink the machine may not detect the ink cartridge.	Replace the cartridge with a Brother Original ink cartridge. If the error message remains, contact your Brother dealer.
	An ink cartridge is not installed correctly.	Take out the new ink cartridge and re-install it slowly until it clicks. (See Replacing the ink cartridges on page 67.)
Cannot Print Replace Ink	One or more of the ink cartridges have reached the end of their life. The machine will stop all print operations. While memory is available, monochrome faxes will be stored in the memory. If a sending machine has a color fax, the machine's "handshake" will ask that the fax be sent as monochrome.	Replace the ink cartridges. (See Replacing the ink cartridges on page 67.)
Comm.Error	Poor telephone line quality caused a communication error.	If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cover is Open.	The scanner cover is not completely closed.	Lift the scanner cover and then close it again.
	The ADF cover is not completely closed.	Open the ADF cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Press Stop/Exit . The machine will cancel the job and clear it from the memory. Try to print again.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again. If calls are stopped repeatedly and you are using a VoIP (Voice over IP) system, try changing the Compatibility to Basic (for VoIP). (See <i>Telephone line interference / VoIP</i> on page 97.)
Document Jam/too Long	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	(See <i>Using the ADF</i> on page 29.) (See <i>Document jam</i> on page 81.)
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	Internal servicing required. This problem may be caused by the use of cartridges other than Brother Original cartridges or the refilling of empty cartridges with ink from other sources. If damage is caused to the print head or other parts of this machine as a result of using other brands of ink or ink cartridges, any repairs required as a result may not be covered by the warranty.	Call Brother Customer Service / your Brother dealer.
Ink Absorber NearFull	The ink absorber box or flushing box is near full.	Call Brother Customer Service / your Brother dealer.
Ink low	One or more of the ink cartridges are near the end of their life. If a sending machine has a color fax to send, your machine's "handshake" will ask that the fax be sent as monochrome. If the sending machine has the ability to convert it, the color fax will be printed at your machine as a monochrome fax.	Order a new ink cartridge. You can continue printing until the LCD shows Cannot Print. (See Replacing the ink cartridges on page 67.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, incorrectly formatted, or there is a problem with the memory card.	Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB Flash memory drive you are using has no available space or already contains 999 files.	Your machine can only save to your memory card or USB Flash memory drive if it contains less than 999 files. 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 (Caller IDentification) (not available in certain area) on page 43.)

Error Message	Cause	Action
No File	The memory card or USB Flash memory drive in the media drive does not contain a .JPG file.	Put the correct memory card or USB Flash memory drive into the slot again.
No Ink Cartridge	An ink cartridge is not installed correctly.	Take out the new ink cartridge and reinstall it slowly until it clicks. (See Replacing the ink cartridges on page 67.)
No Paper Fed	The machine is out of paper or paper	Do one of the following:
	is not correctly loaded in the paper tray.	Refill the paper in the paper tray, and then press Mono Start or Color Start.
		Remove the paper and load it again and then press Mono Start or Color Start. (See Loading paper and other print media on page 11.)
	The paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Printer jam or paper jam</i> on page 82.
		If you see this error often when making a duplex copy or duplex print, the paper feed rollers may be stained with ink. Clean the paper feed rollers. (See Cleaning the paper feed rollers in appendix A of the Advanced User's Guide.)
	Paper powder has accumulated on the surface of the paper pick-up rollers and the back sides of the paper feed rollers.	Clean the paper pick-up rollers and the back sides of the paper feed rollers. (See Cleaning the paper pick-up rollers in appendix A of the Advanced User's Guide.)
	The Jam Clear Cover is not closed correctly.	Check the Jam Clear Cover is closed evenly at both ends. (See <i>Printer jam or paper jam</i> on page 82.)
	The paper was not inserted in the centre position of the manual feed slot.	Remove the paper and re-insert it in the centre of the manual feed slot, and then press Mono Start or Color Start . (See <i>Loading paper in the manual feed slot</i> on page 18.)
No Response/Busy	The number you dialled does not answer or is busy.	Verify the number and try again.
Not Registered	You tried to access a One Touch or Speed Dial number that is not programmed.	Set up the One Touch or Speed Dial number. (See Storing One Touch Dial numbers on page 52 and Storing Speed Dial numbers on page 53.)

Cause	Action
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> of the <i>Advanced User's Guide</i> .)
	Print the faxes that are in the memory. (See Printing a fax from the memory in chapter 4 of the Advanced User's Guide.)
The machine's memory is full.	Copy operation in progress
	Press Stop/Exit and wait until the other operations in progress finish and then try again.
The memory card or USB Flash memory drive you are using does not have enough free space to scan the documents.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.
Paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Paper is jammed at the front of the machine</i> on page 82.
	Make sure the paper length guide is set to the correct paper size. DO NOT extend the paper tray when you load A5 or smaller size paper.
Paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Paper is jammed at the front and back of the machine</i> on page 84.
	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.
More than one sheet of paper was placed in the manual feed slot. —OR— Another sheet of paper was placed in the manual feed slot before the LCD showed Put paper in Manual Feed Slot Then Press Start.	Do not put more than one sheet of paper in the manual feed slot at any one time. Wait until the LCD shows Put paper in Manual Feed Slot Then Press Start before you feed the next sheet of paper in the manual feed slot. Remove the jammed paper by following the steps in Paper is jammed at the front and back of the machine
	The machine's memory is full. The memory card or USB Flash memory drive you are using does not have enough free space to scan the documents. Paper is jammed in the machine. Paper is jammed in the machine. More than one sheet of paper was placed in the manual feed slot. —OR— Another sheet of paper was placed in the manual feed slot before the LCD showed Put paper in Manual Feed Slot

Error Message	Cause	Action
Paper Jam [Rear]	Paper is jammed in the machine.	Remove the jammed paper by following the steps in <i>Paper is jammed at the back of the machine</i> on page 83.
		Make sure the paper length guide is set to the correct paper size. DO NOT extend the paper tray when you load A5 or smaller size paper.
	Paper powder has accumulated on the surface of the paper pick-up rollers and the back sides of the paper feed rollers.	Clean the paper pick-up rollers and the back sides of the paper feed rollers. (See Cleaning the paper pick-up rollers in appendix A of the Advanced User's Guide.)
Touchscreen initialization failed	The Touchscreen was pressed before the power on initialization was completed.	Make sure that nothing is touching or resting on the Touchscreen.
	Debris may be stuck between the lower part of the touchscreen and its frame.	Insert a piece of stiff paper between the lower part of the touchscreen and its frame and slide it back and forth to push out the debris.
Unable to Clean XX	The machine has a mechanical problem.	Open the scanner cover and remove any foreign objects and paper scraps
Unable to Init. XX	—OR—	from inside the machine. If the error
Unable to Print XX Unable to Scan XX	A foreign object such as a paper clip or ripped paper is in the machine.	message continues, disconnect the machine from the power for several minutes and reconnect it.
		(The machine can be turned off for approximately 24 hours without losing faxes stored in the memory. See <i>Transferring your faxes or Fax Journal report</i> on page 80.)
Unusable Device	A broken device has been connected	Unplug the device from the USB direct
Disconnect device from front connector & turn machine off & then on	to the USB direct interface.	interface, then press On/Off to turn the machine off and then on again.
Unusable Device	A USB device or USB Flash memory	Unplug the device from the USB direct
Please Disconnect USB Device.	drive that is not supported has been connected to the USB direct interface.	interface. Turn the machine off and then on again.
	For more information, visit us at http://solutions.brother.com/ .	
Wrong Ink Color	A color ink cartridge has been installed in the Black ink cartridge position.	Check which ink cartridges are not matched by color to their ink cartridge positions and move them to their correct positions.

Error Message	Cause		Action		
Wrong Paper Size	match the size of paper in the tray. Or, you did not set the paper guides in the tray to the indicators for the paper size you are using.	1	Check that the paper size you choose matches the size of paper in the tray.		
		2	Make sure you loaded the paper in a Portrait position, by setting the paper guides at the indicators for your paper size.		
		3	After you have checked the paper size and the paper position, press Mono Start or Color Start to continue printing.		
Wrong Tray Setting	The machine's Paper Size and Tray Use settings do not match the size of paper in the tray you are using.	1	Press Tray Setting , and make sure the machine's Paper Size and Tray Use settings match the size of paper in the tray you are using. (See <i>Paper Size and Type</i> on page 23 and <i>Tray use in Copy mode</i> on page 23.)		
		2	After you have checked the paper size and tray use settings, press Mono Start or Color Start to continue printing.		

Error animations display

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

Transferring your faxes or Fax Journal report

If the LCD shows:

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

We recommend transferring your faxes to another fax machine or to your PC. (See *Transferring faxes to another fax machine* on page 80 or *Transferring faxes to your PC* on page 80.)

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 81.)

Transferring faxes to another fax machine

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

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- Press MENU.
- Oress A or ▼ to display Service.
- 4 Press Service.
- 5 Press Data Transfer.
- 6 Press Fax Transfer.

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

Press Stop/Exit.

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

Transferring faxes to your PC

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

- 1 Press **Stop/Exit** to interrupt the error temporarily.
- 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 of
 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 Yes. You will be asked if you want a backup print.
 - To exit and leave the faxes in the memory, press No.
- 5 Press Stop/Exit.

В

Transferring the Fax Journal report to another fax machine

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

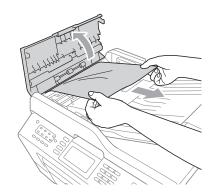
- 1 Press **Stop/Exit** to interrupt the error temporarily.
- 2 Press MENU.
- 3 Press ▲ or ▼ to display Service.
- 4 Press Service.
- 5 Press Data Transfer.
- 6 Press Report Trans..
- 7 Enter the fax number to which the Fax Journal report will be forwarded.
- 8 Press Mono Start.

Document jam

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

Document is jammed in the top of the ADF unit

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



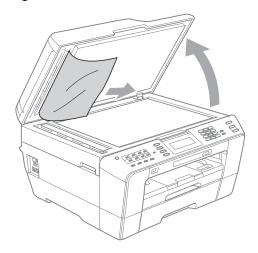
- 4 Close the ADF cover.
- 5 Press Stop/Exit.

! IMPORTANT

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

Document is jammed inside the ADF unit

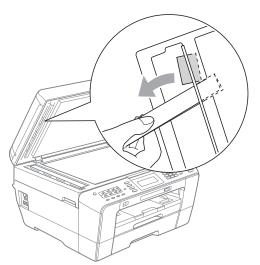
- 1 Take out any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3 Pull the jammed document out to the right.



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

Removing small documents jammed in the ADF

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



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

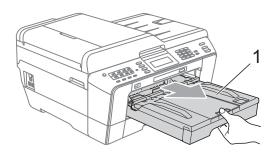
Printer jam or paper jam

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

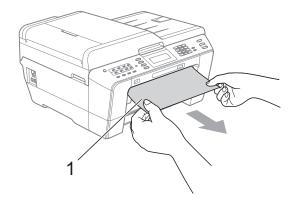
Paper is jammed at the front of the machine

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

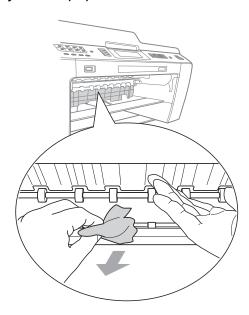
- 1 Unplug the machine from the electrical socket.
- 2 Pull the paper tray (1) completely out of the machine.



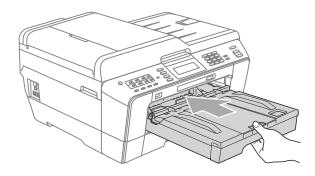
3 Pull out the jammed paper (1).



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



5 Put the paper tray firmly back in the machine.





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

6 Re-connect the power cord.



If there is a repeat paper jam, a small piece of paper may be stuck in the machine. (See *Additional paper jam clear operations* on page 87.)

Paper is jammed at the back of the machine

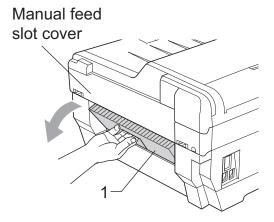
If the LCD shows Paper Jam [Rear], follow these steps:

1 Unplug the machine from the electrical socket.

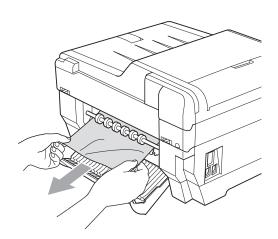


Make sure you remove paper from the manual feed slot, and then close it.

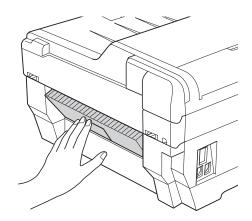
2 Open the Jam Clear Cover (1) at the back of the machine.



3 Pull the jammed paper out of the machine.



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



5 Re-connect the power cord.

Paper is jammed at the front and back of the machine

If the LCD shows

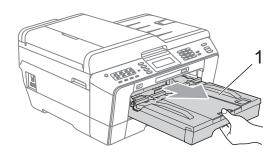
Paper Jam [Front, Rear], follow these
steps:

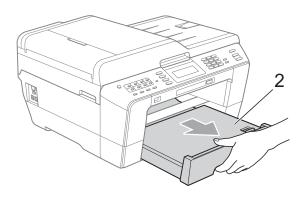
1 Unplug the machine from the electrical socket.



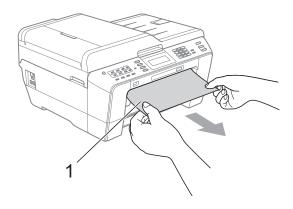
Make sure you remove paper from the manual feed slot, and then close it.

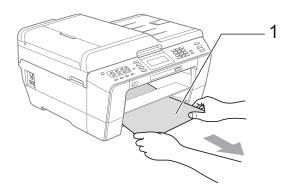
Pull paper tray #1 (1) and then tray #2 (2) completely out of the machine.





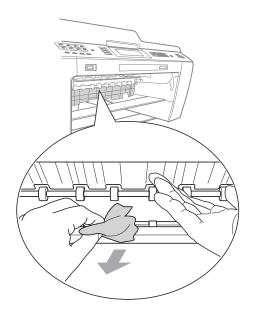
3 Pull out the jammed paper (1).



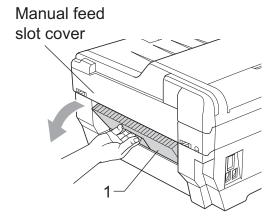


4 Lift the flap, and remove the jammed paper.

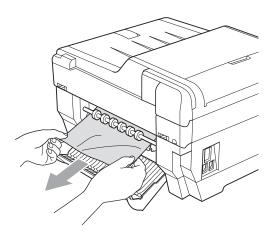
(With trays removed, go to step **⑤**.)



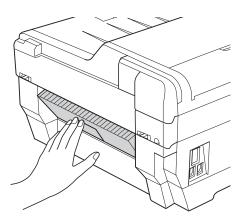
Open the Jam Clear Cover (1) at the back of the machine.



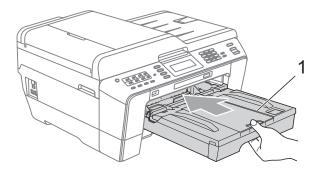
6 Pull the jammed paper out of the machine.



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

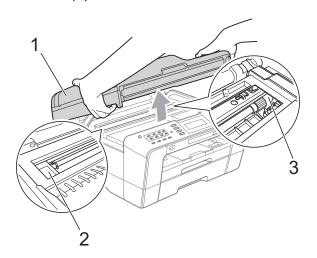


8 Put paper tray #1 (1) and then tray #2 (2) firmly back in the machine.



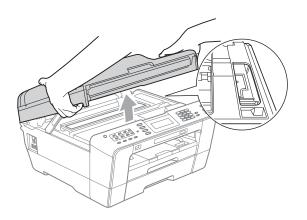


9 Using both hands, use the finger holds on each side of the machine to lift the scanner cover (1) into the open position. Move the print head (if necessary) to take out any paper remaining in this area. Make sure that jammed paper is not left in the corners of the machine (2) and (3).

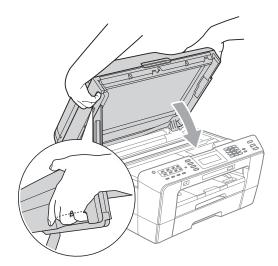


IMPORTANT

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



- If ink gets onto your skin, immediately wash with soap and plenty of water.
- Gently close the scanner cover using the finger holds on each side.



A CAUTION

Be careful not to trap your fingers under the scanner cover.

Always use the finger holds provided on each side of the scanner cover when opening and closing it.



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

Re-connect the power cord.



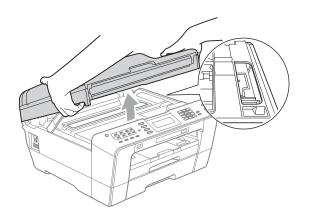
If there is a repeat paper jam, a small piece of paper may be stuck in the machine. (See *Additional paper jam clear operations* on page 87.)

Additional paper jam clear operations

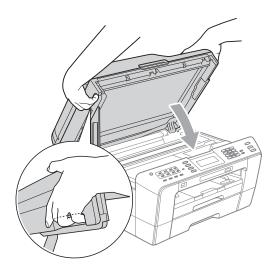
Using both hands, use the finger holds on each side of the machine to lift the scanner cover into the open position.



If the print head is at the right corner as shown in the illustration, hold down **Stop/Exit** until the print head moves to the middle.



- Unplug the machine from the electrical socket.
- Gently close the scanner cover using the finger holds on each side.

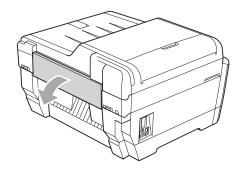


A CAUTION

Be careful not to trap your fingers under the scanner cover.

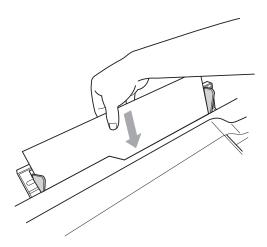
Always use the finger holds provided on each side of the scanner cover when opening and closing it.

4 Open the manual feed slot cover.



5 Put only one sheet of A4 or letter sized thick paper such as glossy paper in a Landscape position in the manual feed slot.

Push it into the manual feed slot.





- · We recommend you use glossy paper.
- If you don't push the paper deep into the manual feed slot, the machine will not feed it when you re-connect the power cord.
- 6 Re-connect the power cord.
 The paper you placed in the manual feed slot will be fed through the machine and ejected.
- 7 Using both hands, use the finger holds on each side of the machine to lift the scanner cover into the open position. Make sure that a piece of paper is not still jammed inside the machine. Gently close the scanner cover using the finger holds on each side.

Troubleshooting

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

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

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout.	Check the interface cable or wireless connection on both the machine and your computer. (See the <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 Replacing the ink cartridges on page 67.)
	Check to see if the LCD is showing an error message. (See Error and Maintenance messages on page 73.)
	If the LCD shows Cannot Print and Replace Ink, see Replacing the ink cartridges on page 67.
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. Click Start and then Printers and Faxes . Brother MFC-XXXXX (where XXXXX is your model name), and make sure that Use Printer Offline is unchecked.
Poor print quality.	Check the print quality. (See Checking the print quality on page 71.)
	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 Size and Type on page 23.)
	Make sure that your ink cartridges are fresh. The following may cause ink to clog:
	The expiration date written on the cartridge package has passed. (Brother Original cartridges stay usable for up to two years if kept in their original packaging.)
	■ The ink cartridge has been in your machine for over six months.
	■ The ink cartridge may not have been stored correctly before use.
	Make sure you are using Brother Original Innobella™ ink. Brother does not recommend the use of cartridges other than Brother Original cartridges or the refilling of used cartridges with ink from other sources.
	Try using the recommended types of paper. (See Acceptable paper and other print media on page 25.)
	The recommended environment for your machine is between 20 °C to 33 °C.
White horizontal lines appear in text	Clean the print head. (See Cleaning the print head on page 71.)
or graphics.	Make sure you are using Brother Original Innobella™ ink.
	Try using the recommended types of paper. (See Acceptable paper and other print media on page 25.)

Printing (continued)

Difficulty	Suggestions
The machine prints blank pages.	Clean the print head. (See Cleaning the print head on page 71.)
	Make sure you are using Brother Original Innobella™ ink.
Characters and lines are blurred.	Check the printing alignment. (See Checking the print alignment on page 72.)
Printed text or images are skewed.	Make sure the paper is loaded correctly in the paper tray and the paper side guides are adjusted correctly. (See <i>Loading paper and other print media</i> on page 11.)
	Make sure the Jam Clear Cover is closed correctly.
Smudge or stain at the top centre of the printed page.	Make sure the paper is not too thick or curled. (See Acceptable paper and other print media on page 25.)
Printing appears dirty or ink seems to run.	Make sure you are using the recommended types of paper. (See <i>Acceptable paper and other print media</i> on page 25.) Don't handle the paper until the ink is dry.
	Make sure you are using Brother Original Innobella™ ink.
	If you are using photo paper, make sure that you have set the correct paper type. If you are printing a photo from your PC, set the Media Type in the Basic tab of the printer driver.
Stains appear on the reverse side or at the bottom of the page.	Make sure the printer platen is not dirty with ink. (See Cleaning the machine's printer platen in appendix A of the Advanced User's Guide.)
	Make sure you are using Brother Original Innobella™ ink.
	Make sure you are using the paper support flap. (See Loading paper and other print media on page 11.)
The machine prints dense lines on the page.	Check Reverse Order in the Basic tab of the printer driver.
The printouts are wrinkled.	(Windows [®] users) In the printer driver Advanced tab, click Colour Settings , and uncheck Bi-Directional Printing .
	(Macintosh users) In the printer driver, choose Print Settings , click Advanced , choose Other Print Options , and uncheck Bi-Directional Printing .
	Make sure you are using Brother Original Innobella™ ink.
Cannot perform "Page Layout" printing.	Check that the paper size setting in the application and in the printer driver are the same.
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time. Try the other quality settings in the printer driver Advanced tab. Also, click Colour Settings , and make sure you uncheck Colour Enhancement .
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See <i>Printing</i> for Windows® or <i>Printing</i> and <i>Faxing</i> for Macintosh in the <i>Software User's Guide</i> .)
Color Enhancement is not working correctly.	If the image data is not full color in your application (such as 256 color), Color Enhancement will not work. Use at least 24 bit color data with the Color Enhancement feature.
Photo paper does not feed correctly.	When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
	Clean the paper pick-up rollers. (See Cleaning the paper pick-up rollers in appendix A of the Advanced User's Guide.)

Printing (continued)

Difficulty	Suggestions
Machine feeds multiple pages.	Make sure the paper is loaded correctly in the paper tray. (See <i>Loading paper and other print media</i> on page 11.)
	Load only one size of paper and one type of paper in the paper tray at any one time.
	Make sure the Base Pad in the paper tray is not dirty. (See Cleaning the paper pick-up rollers in appendix A of the Advanced User's Guide.)
	If there are only a few sheets of paper in the paper tray the machine may not pick them up correctly. Make sure there are at least 10 sheets of paper in the tray.
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 82.)
Paper jam reoccurs.	If there is a repeat paper jam, a small piece of paper may be stuck in the machine. Make sure paper is not still jammed in the machine. (See <i>Additional paper jam clear operations</i> on page 87.)
The paper jams when you use duplex copy or duplex print.	Use one of the jam prevention settings, DX1 or DX2. For copying, see <i>Duplex</i> (2-sided) copying in chapter 7 of the <i>Advanced User's Guide</i> ;
	for printing see <i>Duplex / Booklet</i> for Windows [®] or <i>Duplex Printing</i> for Macintosh in the <i>Software User's Guide</i> .
	If paper jams often when using duplex copy or duplex print, the paper feed rollers may be stained with ink. Clean the paper feed rollers. (See <i>Cleaning the paper feed rollers</i> in <i>appendix A</i> of the <i>Advanced User's Guide</i> .)
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See Loading paper and other print media on page 11.)
Machine does not print from Adobe [®] Illustrator [®] .	Try to reduce the print resolution. (See <i>Printing</i> for Windows [®] or <i>Printing and 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 and 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 67.)
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> of the <i>Advanced User's Guide</i> .)

Telephone Line or Connections

Difficulty	Suggestions	
Dialling does not work.	Make sure the machine is plugged in and turned on.	
(No dial tone)	Check the line cord connections.	
	Change the Tone/Pulse setting. (See the Quick Setup Guide.)	
	Lift the external telephone's handset and listen for a dial tone. If there is no dial tone, ask your telephone company to check the line and/or socket.	
The machine does not answer when called.	Make sure the machine is in the correct Receive Mode for your setup. (See <i>Choose the Receive modes</i> on page 36.) Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If there is no ringing when you call your machine, ask your telephone company to check the line.	

Sending Faxes

Difficulty	Suggestions	
Cannot send a fax.	Check all line cord connections.	
	Make sure 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</i> 6 of the <i>Advanced User's Guide</i> .)	
Transmission Verification Report says "RESULT:ERROR".	There is probably temporary noise or static on the line. Try sending the fax again. If you send a PC FAX message and get "RESULT:ERROR" on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Memory Receive (see <i>Turning off Memory Receive operations</i> in <i>chapter 4</i> of 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> of the <i>Advanced User's Guide</i>) or cancel a Delayed Fax or Polling Job. (see <i>Cancelling a fax in progress</i> on page 34 and <i>Checking and cancelling waiting jobs</i> in <i>chapter 3</i> of 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 97.)	
Poor fax send quality.	Try changing your resolution to Fine or S.Fine. Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner. (See Cleaning the scanner glass on page 70.)	
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See <i>Cleaning the scanner glass</i> on page 70.)	

Handling Incoming Calls

Difficulty	Suggestions
The machine "hears" a voice as a CNG Tone.	If Fax Detect is set to On, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax receiving tones. Deactivate the machine by pressing Stop/Exit . Try avoiding this problem by turning Fax Detect to Off. (See <i>Fax Detect</i> on page 39.)
Sending a fax call to the machine.	If you answered on an extension or external telephone, press your Remote Activation Code (the factory setting is * 5 1). If you answered on an external telephone, press Start to receive the fax. When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes.
	For example: If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM (Error Correction Mode) feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, a separate telephone line with no custom features is recommended.

Copying Difficulties

Difficulty	Suggestions
Cannot make a copy.	Make sure that the COPY key is illuminated.
Poor copy results when using the ADF.	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 30.)
Vertical black lines or streaks appear in copies.	Vertical black lines or streaks on copies are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See <i>Cleaning the scanner glass</i> on page 70.)
Fit to Page does not work correctly.	Make sure your source document is not skewed. Reposition the document and try again.

Scanning Difficulties

Difficulty	Suggestions
TWAIN or WIA errors appear when starting to scan. (Windows®)	Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In Presto! PageManager with OCR, click File , Select Source and choose the Brother TWAIN/WIA driver.
TWAIN or ICA errors appear when starting to scan. (Macintosh)	Make sure the Brother TWAIN driver is chosen as the primary source. In PageManager, click File , Select Source and choose the Brother TWAIN driver. Mac OS X 10.6.x users can also scan documents using the ICA Scanner Driver. 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 30.)
OCR does not work.	Try increasing the scanner resolution.
	(Macintosh users)
	Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) on page 3 for further instructions.

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:			
correctly.	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 of 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> of 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 having Network problems, see the <i>Network User's Guide</i> for more information.)

Network Difficulties (continued)

Difficulty	Suggestions	
The network scanning feature does not work.	(Windows [®] users)	
	It is necessary to configure third-party Security/Firewall Software to allow Network scanning. To add port 54925 for Network scanning, enter the information below:	
	In Name: Enter any description, for example Brother NetScan.	
	In Port number: Enter 54925.	
	In Protocol: UDP is selected.	
	Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.	
	(Macintosh users)	
	Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the model list in ControlCenter2.	
The network PC-Fax Receive	(Windows [®] users only)	
feature does not work.	It is necessary to set the third-party Security/Firewall Software to allow PC-FAX Rx. To add port 54926 for Network PC-FAX Rx, enter the information below:	
	In Name: Enter any description, for example Brother PC-FAX Rx.	
	In Port number: Enter 54926.	
	In Protocol: UDP is selected.	
	Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.	
The Brother software cannot be installed.	(Windows [®] users)	
	Allow network access to the following programs if your security software displays an alert message during MFL-Pro Suite installation.	
	(Macintosh users)	
	If you are using a firewall function of anti-spyware or antivirus security software, temporarily disable it and then install the Brother software.	
Cannot connect to wireless network.	Investigate the problem using the WLAN Report. Press MENU, and then press ▲ or ▼ to display Print Reports. Press Print Reports. Press ▲ or ▼ to display WLAN Report, and then press WLAN Report. For details, see the Network User's Guide.	
Reset the network settings.	Press MENU, and then press ▲ or ▼ to display Network. Press Network. Press ▲ or ▼ to display Network Reset, and then press Network Reset. For details, see the Network User's Guide.	

Touchscreen Difficulties

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

Dial Tone detection

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

- 1 Press MENU.
- Press ▲ or ▼ to display
 Initial Setup.
- 3 Press Initial Setup.
- Press ▲ or ▼ to display Dial Tone.
- 5 Press Dial Tone.
- 6 Press Detection or No Detection.
- 7 Press Stop/Exit.

Telephone line interference / VolP

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

- 1 Press MENU.
- Press ▲ or ▼ to display
 Initial Setup.
- 3 Press Initial Setup.
- 4 Press ▲ or ▼ to display Compatibility.
- 5 Press Compatibility.
- 6 Press High, Normal or Basic (for VoIP).
 - Basic (for VoIP) cuts the modem speed to 9,600 bps and turns off color fax receiving and 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)
- 7 Press Stop/Exit.



- VoIP (Voice over IP) is a type of phone system that uses an internet connection, rather than a traditional phone line.
- Brother does not recommend the use of a VoIP line. VoIP limitations in general can cause some functions of the fax machine not to work correctly.

Machine Information

Checking the serial number

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

- 1 Press MENU.
- Press ▲ or ▼ to display Machine Info..
- 3 Press Machine Info...
- Press Stop/Exit.

Reset functions

The following reset functions are available:

1 Network

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

2 Speed Dial&Fax

Speed Dial & Fax resets the following settings:

- Speed Dial (Speed-Dial and Setup Groups)
- Programmed fax jobs in the memory (Polled Transmit, Delayed Fax and Delayed Batch Transmission)
- Station ID

(Name and Number)

- Remote Fax Options (Fax Forwarding)
- Report settings
 (Transmission Verification Report, Quick Dial List and Fax Journal)
- History

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

3 All Settings

You can restore all settings to their factory defaults.

Brother strongly recommends 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 display
 Initial Setup.
- 3 Press Initial Setup.
- Press ▲ or ▼ to display Reset.
- 6 Press Reset.
- 6 Press the type of reset you want to use.
- 7 Press Yes to confirm.
- 8 Press Yes for 2 seconds 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 buttons on the Touchscreen. User-friendly programming helps you take full advantage of all the menu selections your machine has to offer.

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

Menu table

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

MENU (MENU)

Level1	Level2	Level3	Options	Descriptions	Page
General Setup	Mode Timer	_	Off	Sets the time to return to Fax mode, and the time the machine will change	See ¹ .
			0 Sec		
			30 Secs	from a restricted user to	
			1 Min	Public user mode when using Secure Function	
			2 Mins*	Lock.	
			5 Mins		
	Tray Setting	Tray#1	Paper Size	Sets the size of paper in	23
			(Options)	the paper tray #1.	
			A4*		
			A5		
			A3		
			10x15cm		
			Letter		
			Legal		
			Ledger		
			Paper Type	Sets the type of paper in the paper tray #1.	
			(Options)		
			Plain Paper*		
			Inkjet Paper		
			Brother BP71		
			Brother BP61		
			Other Glossy		
			Transparency		
		Tray#2	Paper Size	Sets the size of paper in	23
			(Options)	the paper tray #2.	
			A4*		
			А3		
			Letter		
			Legal		
			Ledger		
	¹ See Advanced	User's Guide.			
	The factory setting	s are shown in Bold w	rith an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page
General Setup	Tray Setting	Tray Use:Copy	Tray#1	Choose the tray that will	23
(Continued)	(Continued)		Tray#2	be used for Copy mode.	
			Auto Select*		
		Tray Use:Fax	Tray#1	Choose the tray that will	24
			Tray#2	be used for Fax mode.	
			Auto Select*		
	Volume	Ring	Off	Adjusts the ring volume.	8
			Low		
			Med*		
			High		
		Beeper	Off	Adjusts the beeper	8
			Low*	volume.	
			Med		
			High		
		Speaker	Off	Adjusts the speaker	9
			Low	volume.	
			Med*		
			High		
	LCD Settings	s Backlight	Light*	You can adjust the brightness of the LCD backlight.	9
			Med		
			Dark	baoking/it.	
		Dim Timer	Off	You can set how long the	See ¹ .
			10 Secs	LCD backlight stays on for after the last key press.	
			20 Secs	arter the last key press.	
			30 Secs*		
	Sleep Mode	_	1 Min	You can choose how long	
			2 Mins	the machine will remain idle before it goes into	
			3 Mins	sleep mode.	
			5 Mins*		
			10 Mins		
			30 Mins		
			60 Mins		
	A3 - Short Grain	_	On	Turn on this setting when	24
			Off*	you use A3 short grain paper.	
					_

Level1	Level2	Level3	Options	Descriptions	Page
General Setup	Function Lock	Set Password	_	You can restrict selected	See ¹ .
(Continued)		Lock Off→On	_	machine operation for up to 10 restricted users and	
		Setup User	_	all other non-authorized Public users.	
Fax	Setup Receive	Ring Delay	0 1 2* 3 4 5 6 7 8 9	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	38
		F/T Ring Time	20 Secs 30 Secs* 40 Secs 70 Secs	Sets the fast double-ring time in Fax/Tel mode.	38
		Fax Detect	On*	Receives fax messages automatically when you answer a call and hear fax tone.	39
		Remote Codes	On* (*51, #51) Off	Allows you to answer all calls at an extension or external telephone and use codes to turn the machine on or off. You can personalize these codes.	47
		Auto Reduction	On*	Cuts the size of incoming faxes to fit the paper size.	See ¹ .

¹ See Advanced User's Guide.



Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	Setup Receive (Continued)	Memory Receive	Off* Fax Forward Fax Storage PC Fax Receive	You can set the machine to either forward fax messages, store incoming faxes in the memory (so you can retrieve them while you are away from your machine), or send faxes to your PC. If you choose Fax Forward or PC-Fax Receive, you can turn on the safety feature Backup Print.	See ¹ .
		Fax Preview	On Off*	You can preview received faxes.	39
	Report Setting	Transmission	On On+Image Off* Off+Image Off2 Off2+Image	Choose the initial setup for Transmission Verification Report.	35
		Journal Period	Off Every 50 Faxes* Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days	Sets the interval for the automatic printing of the Fax Journal. If you have chosen other than Off and Every 50 Faxes, you can set the time for the chosen option. If you have chosen Every 7 Days, you can set the day of the week.	See ¹ .
	Print Document	_	_	Prints incoming faxes stored in the memory.	
	Remote Access	_	*	Set your own code for Remote Retrieval.	
	Remaining Jobs	_	_	Check which jobs are in the memory and lets you cancel chosen jobs.	

¹ See Advanced User's Guide.



Level1	Level2	Level3	Options	Descriptions	Page
Fax	Miscellaneous	Caller ID Type	Auto*	You can switch the mode if Caller ID cannot be displayed normally.	
(Continued)			FSK		
			DTMF		
		Fax Mode	Easy Mode* Advanced Mode	Selects the transmission process when sending/receiving the faxes manually.	10

¹ See Advanced User's Guide.



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
				[000-255].	Gateway address.
				[000-255].	dudicos.
				[000-255]	
			Node Name	BRNXXXXXXXXXXX	Enter the Node name.
			WINS Config	Auto* Static	Chooses the WINS configuration mode.
			WINS Server	(Primary) 000.000.000.000	Specifies the IP address of the
				(Secondary) 000.000.000	primary or secondary server.
			DNS Server	(Primary) 000.000.000.000	Specifies the IP address of the
				(Secondary)	primary or secondary server.
			APIPA	On* Off	Automatically allocates the IP address from the link-local address range.
		1	IPv6	On	Enable or disable



Level1	Level2	Level3	Level4	Options	Descriptions
Network	Wired LAN	Ethernet	_	Auto*	Chooses the
(Continued)	(Continued)			100B-FD	Ethernet link mode.
				100B-HD	
				10B-FD	
				10B-HD	
		MAC Address	_	_	You can see your machine's MAC address.
	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) 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.
	See Network User	's Guide.			

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.
			IPv6	On Off*	Enable or disable IPv6 protocol for a wireless LAN.
		Setup Wizard	_	_	You can manually configure your print server for a wireless network.
		WPS/AOSS	_	_	You can easily configure your wireless network settings using the one-button push method.
		WPS w/PIN Code	_	_	You can easily configure your wireless network settings using WPS with a PIN code.
		WLAN Status	Status	_	You can see the current wireless network status.
			Signal	_	You can see the current wireless network signal strength.
			SSID	_	You can see the current SSID.
			Comm. Mode	_	You can see the current Communication Mode.
		MAC Address	_	_	You can see your machine's MAC address.

See Network User's Guide.



Level1	Level2	Level3	Level4	Options	Descriptions
Network (Continued)	E-mail/IFAX (Available after IFAX is downloaded)	Mail Address	_	_	Enter the mail address. (Up to 60 characters)
		Setup Server	SMTP Server	Name (Up to 30 characters) IP Address [000-255]. [000-255]. [000-255].	Enter the SMTP server address.
			SMTP Port	[00001-65535]	Enter the SMTP port number.
			Auth. for SMTP	None* SMTP-AUTH POP bef. SMTP	Selects the Security method for E-mail notification.
			POP3 Server	Name (Up to 30 characters) IP Address [000-255]. [000-255]. [000-255].	Enter the POP3 server address.
			POP3 Port	[00001-65535]	Enter the POP3 port number.
			Mailbox Name	_	Enter the mail box name. (Up to 20 characters)
			Mailbox Pwd		Enter the password to login to the POP3 server. (Up to 20 characters)
			АРОР	On Off*	Enables or disables APOP.

See Network User's Guide.



Network (Continued)	E-mail/IFAX (Available after IFAX is downloaded) (Continued)	Setup Mail RX	Poll Frequency (Available when Auto Polling is set to On)	On* Off 1 Min 3 Mins	Automatically checks the POP3 server for new messages. Sets the interval for checking for
(Continued)	IFAX is downloaded)		(Available when Auto Polling	1 Min	server for new messages. Sets the interval
	(Continued)		(Available when Auto Polling		
			(Available when Auto Polling		
			Auto Polling	3 Mins	for checking for new messages
			is set to On.)	5 Mins	on the POP3
				10 Mins*	server.
				30 Mins	
				60 Mins	
			Header	All	Selects the
				Subject+From+ To	contents of the mail header to be printed.
				None*	
			Del Error Mail	On*	Deletes error
				Off	mails automatically.
			Notification	On	Receives
				MDN	notification messages.
				Off*	inicocagoo.
		Setup Mail TX	Sender Subject	_	Displays the subject that is attached to the Internet Fax data
			Size Limit	On	Limits the size o
				Off*	E-mail documents.
			Notification	On	Sends notification
				Off*	messages.
		Setup Relay	Rly Broadcast	On	Relays a
				Off*	document to another fax machine over the internet.
			Relay Domain	RelayXX	Registers the Domain name.
			Relay Report	On	Prints the Relay
				Off*	Broadcast Report.
	Time Zone		UTCXXX:XX	_	Sets the time zone for your country.
	See Network Use	r's Guide.			

Level1	Level2	Level3	Level4	Options	Descriptions	
Network (Continued)	Network I/F	_	Wired LAN* WLAN	_	You can choose the network connection type.	
	Network Reset	_	_	_	Restore all network settings to factory default.	
See Network User's Guide.						



MENU (_MENU_) (continued)

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	XMIT Verify	_	_	Prints these lists and	See ¹ .
	Help List	_	_	reports.	
	Quick Dial	_	Alphabetical Order		
			Numerical Order		
	Fax Journal	_	_		
	User Settings	_	_		
	Network Config	_	_		
	WLAN Report	_	_		
	Caller ID hist.	_	_		
Machine Info.	Serial No.	_		Lets you check the serial number of your machine.	98
Initial Setup	Receive Mode	_	Fax Only*	Choose the receive mode that best suits your needs.	36
			Fax/Tel		
			External TAD		
			Manual		
	Date&Time	_	_	Puts the date and time on the LCD and in headings of faxes you send.	See ² .
	Station ID	_	Fax:	Set your name and fax	
			Name:	number to appear on each page you fax.	
	Tone/Pulse	_	Tone*	Choose the dialling mode.	
			Pulse		
	Dial Tone	_	Detection	Turns Dial Tone Detection	97
			No Detection*	on or off.	
	Dial Prefix	_	On	Sets a prefix number that	See ¹ .
			Off*	will always be added before the fax number every time you dial.	
	Compatibility	_	High*	Adjusts the modem speed	97
	_		Normal	to help resolve	
			Basic(for VoIP)	transmission problems.	

¹ See Advanced User's Guide.

² 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.	98
		Speed Dial&Fax	_	Deletes all stored Speed Dial numbers and faxes, restores the Station ID, Quick Dial List, Transmission Verification Report and Fax Journal back to the factory default settings.	
		All Settings	_	Resets all the machine's settings back to the settings that were set at the factory.	
	Local Language	_	Chinese* English	Always you to change the LCD language.	9

¹ See Advanced User's Guide.

² See Quick Setup Guide.



FAX (🛅)

Level1	Level2	Level3	Options	Descriptions	Page
Call History	Outgoing Call	Send a fax	_	You can choose a number	50
		More	Add to Speed Dial	from the Outgoing Call history and then make a telephone call to it, send a	
			Add to One Touch Dial	fax to it, add it to Speed Dial, add it to One Touch Dial, or	
			Delete	delete it.	
	Caller ID hist.	Send a fax	_	You can choose a number	51
		More	Add to Speed Dial	from the Caller ID history and then send a fax to it, add it to Speed Dial, add it to	
			Add to One Touch Dial	One Touch Dial, or delete it.	
			Delete		
Phone Book	Send a fax	_	_	You can dial by pressing only a few keys (and Start).	49
	More	Set Speed Dial	_	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	53
		Set One Touch Dial	_	Stores One Touch Dial numbers, so you can dial by pressing only a few keys (and Start).	52
		Setup Groups	_	You can set up Group numbers for Broadcasting.	See ¹ .
		Change	_	You can change One Touch and Speed Dial numbers.	54
		Delete	_	You can delete One Touch and Speed Dial numbers.	
Fax Resolution	_	_	Standard*	Sets the resolution for	See ¹ .
			Fine	outgoing faxes.	
			S.Fine		
			Photo		
Duplex Fax	_	_	Off*	You can choose duplex fax	
			DuplexScan : LongEdge	scan mode.	
			DuplexScan : ShortEdge		
Contrast	_	_	Auto*	Changes the lightness or	1
			Light	darkness of faxes you send.	
			Dark		
	¹ See Advanced	User's Guide	1	ı	1



Level1	Level2	Level3	Options	Descriptions	Page
Glass Scan Size	_	_	A4*	Sets the glass scan size for	34
			A3	faxes.	
			Letter		
			Legal		
			Ledger		
Broadcasting	Add Number	_	_	You can send the same fax	See ¹ .
	Phone Book			message to more than one fax number.	
Preview	_	_	On	You can preview a fax	34
			Off*	message before send it.	
Delayed Fax	_	_	On	Sets the time of day in	See ¹ .
			Off*	24-hour format that the delayed faxes will be sent.	
Batch TX	_	_	On	Combines delayed faxes to	
			Off*	the same fax number at the same time of day into one	
				transmission.	
Real Time TX	_	_	On	You can send a fax without	
			Off*	using the memory.	
Polled TX	_	_	Standard	Sets up the document on	
			Secure	your machine to be retrieved by another fax machine.	
			Off*		
Polling RX	_	_	Standard	Sets up your machine to poll	
			Secure	another fax machine.	
			Timer		
			Off*		
Overseas Mode	_	-	On	If you are having difficulty	
			Off*	sending faxes overseas, set this to On.	
Set New Default	_	_	Fax Resolution	You can save your fax	
			Contrast	settings.	
			Glass Scan Size		
			Real Time TX		
			Preview		
Factory Reset	_	_	_	You can restore all settings to the factory settings.	

See Advanced User's Guide.



SCAN (🔷)

Level1	Option1	Option2	Option3	Descriptions	Page
to File	_	_	_	You can scan a monochrome or a color document into your computer.	See ¹ .
	Duplex Scan	_	Off*	You can choose duplex scan	
			DuplexScan : LongEdge	mode.	
			DuplexScan : ShortEdge		
to Media	Duplex Scan	_	Off*	You can choose duplex scan	62
(when a memory card or USB Flash memory			DuplexScan : LongEdge	mode.	
drive is inserted)			DuplexScan : ShortEdge		
	Quality	_	Color 100 dpi	You can choose the scan resolution and file format for your document.	
			Color 200 dpi*		
			Color 300 dpi		
			Color 600 dpi		
			B/W 100 dpi		
			B/W 200 dpi		
			B/W 300 dpi		
	File Type	_	(If you choose color option in Quality setting)		
			PDF*		
			JPEG		
			(If you choose Mono option in Quality setting)		
			TIFF		
			PDF*		

- See Software User's Guide.
- See Advanced User's Guide.
- Macintosh users)
 Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) on page 3 for further instructions.



Level1	Option1	Option2	Option3	Descriptions	Page
to Media (when a memory card or USB Flash memory drive is inserted) (Continued)	Glass Scan Size	_	A4* A3 Letter Legal	Sets the glass scan size for scans.	See ² .
	Tile News		Ledger	You can rename the file.	62
	File Name Auto Crop		On	Scan multiple documents	See ² .
	Auto Clop		Off*	placed on the scanner glass to a memory card or USB Flash memory drive one at a time.	See
	Set New Default	_	Quality File Type Glass Scan Size Auto Crop	You can save your scan settings.	
	Factory Reset	_	_	You can restore all settings to the factory settings.	-
to Network	(Profile Name)	_	_	You can send a scanned data to a CIFS server on your local network or on the internet.	See ¹ .
to FTP	(Profile Name)	_	_	You can send a scanned data via FTP.	
to Email	PC	_	_	You can scan a monochrome or a color document into your E-mail application.	
	E-mail server (Available after IFAX is downloaded)	Manual Phone Book		You can scan a monochrome or a color document into your E-mail Server. Manual: You can enter an E-mail address using the buttons on the LCD. Phone Book: You can search for an E-mail address that you have stored in the machine.	

See Software User's Guide.

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



² See Advanced User's Guide.

Level1	Option1	Option2	Option3	Descriptions	Page
to Email	E-mail server	Manual	Duplex Scan	You can choose duplex scan	See ¹ .
(Continued)	(Available after	Phone Book	(Options)	mode.	
	IFAX is downloaded)	(Continued)	Off*		
	(Continued)		DuplexScan : LongEdge		
			DuplexScan : ShortEdge		
			Quality	Chooses the file format to	
			(Options)	send the scanned data via E-mail server.	
			Color 100 dpi	L mail server.	
			Color 200 dpi*		
			Color 300 dpi		
			Color 600 dpi		
			B/W 100 dpi		
			B/W 200 dpi		
			B/W 300 dpi		
			File Type		
			(Options)		
			(If you choose color option in Quality setting)		
			PDF*		
			JPEG		
			(If you choose Mono option in Quality setting)		
			TIFF		
			PDF*		

- ¹ See Software User's Guide.
- ² See Advanced User's Guide.
- (Macintosh users)
 Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) on page 3 for further instructions.



Level1	Option1	Option2	Option3	Descriptions	Page
to Email	E-mail server	Manual	Glass Scan Size	Sets the glass scan size for	See ¹ .
(Continued)	(Available after	Phone Book	(Options)	scans.	
	IFAX is downloaded)	(Continued)	A4*		
	(Continued)		A3		
	(Letter		
			Legal		
			Ledger		
			Set New Default	You can save your scan	
			(Options)	settings.	
			Quality		
			File Type		
			Glass Scan		
			Size	Variable and the second	
			Factory Reset	You can restore all settings to the factory settings.	
to OCR 3	_	_	_	You can have your text document converted to an editable text file.	
	Duplex Scan	_	Off* DuplexScan: LongEdge DuplexScan: ShortEdge	You can choose duplex scan mode.	
to Image	_	_	_	You can scan a color picture into your graphics application.	
	Duplex Scan	_	Off* DuplexScan: LongEdge DuplexScan: ShortEdge	You can choose duplex scan mode.	

- ¹ See Software User's Guide.
- ² See Advanced User's Guide.
- (Macintosh users)
 Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) on page 3 for further instructions.



COPY ()

	_	Fast Normal* Best Plain Paper* Inkjet Paper Brother BP71 Brother BP61 Other Glossy Transparency	Choose the Copy resolution for the next copy. Choose the paper type that matches the paper in the tray.	See ¹ .
		Best Plain Paper* Inkjet Paper Brother BP71 Brother BP61 Other Glossy	Choose the paper type that matches the paper in the	56
	_	Plain Paper* Inkjet Paper Brother BP71 Brother BP61 Other Glossy	Choose the paper type that matches the paper in the	56
	_	Inkjet Paper Brother BP71 Brother BP61 Other Glossy	matches the paper in the	56
	_	Brother BP71 Brother BP61 Other Glossy		
	_	Brother BP61 Other Glossy		
_	_	Other Glossy		
_	_	_		
_	_	Transparency		
_	_			
	l	A4*	Choose the paper size that	56
		A5 (tray #1 only)	matches the paper in the tray.	
		A3	auy.	
		10x15cm (tray #1 only)		
		Letter		
		Legal		
		Ledger		
_	_	Tray#1	Choose the tray that will be used for Copy mode.	57
		Tray#2		
		Auto Select*		
100%*	_	_	_	See ¹ .
Enlarge	_	198% 10x15cm→A4	You can choose the	
		186% 10x15cm→LTR	enlargement ratio for the	
		141% A4→A3, A5→A4	пехі сору.	
Reduce	_	97% LTR→A4	You can choose the	
		93% A4→LTR		
		83% LGL→A4	сору.	
		69% A3→A4, A4→A5		
		47% A4→10x15cm		
Fit to Page	_	_	Your machine will adjust the size automatically to the paper size you set.	
Custom(25-400%)	_	_	You can choose the enlargement or reduction ratio for your type of document.	
E R	nlarge educe it to Page	educe — it to Page —	Tray#2 Auto Select*	to Page Tray#2 Auto Select*

Level1	Level2	Level3	Options	Descriptions	Page
Density	_	_	Light Dark -2 -1 -1 -1 -1 -1 -1 -1 -1 -1	Adjusts the density of copies.	See ¹ .
Stack/Sort	_	_	Stack*	You can choose to stack or	
			Sort	sort multiple copies.	
Page Layout	_	Off(lin1)*	If you choose A3	You can make N in 1, 2 in	
	2in1(P)	2in1(P)	or Ledger: (When 2 in 1 is	1 ID, or Poster copies.	
		2in1(L)	chosen)		
		2 in 1 (ID)	LGRx2 → LGRx1		
		4in1(P)	LTRx2 → LGRx1		
		4in1(L)	A3x2 → A3x1		
		1 to 2	A4x2 → A3x1		
		Poster (2 x 1)	(When poster 2x2		
		Poster (2 x 2)	is chosen)		
		Poster (3 x 3)	LGRx1 → LGRx4		
			LTRx1 → LGRx4		
			A3x1 → A3x4		
			A4x1 → A3x4		
Skew Adjustment		_	Auto*	If your scanned copy is skewed, your machine can	
			Off	correct the data automatically.	
	¹ See Advanced	User's Guide.	1	1	ı



Level1	Level2	Level3	Options	Descriptions	Page
Duplex Copy	_	_	Off*	You can choose duplex	See ¹ .
			2side→2side	printing settings.	
			1side→2side LongEdgeFlip		
			2side→1side LongEdgeFlip		
			1side→2side ShortEdgeFlip		
_			2side→1side ShortEdgeFlip		
	More	Advanced	Normal*		
			DX1		
			DX2		
		A3/LGR Duplex	Fit to Page*		
		Copy Setting	Keep Scale		
Advanced Settings	_	_	Off*	You can choose various	
			Ink Save Mode	settings for copy such as Book Copy and	
			Thin Paper Copy	Watermark Copy.	
			Book Copy		
			Watermark Copy		
Favorite Settings	Store -	<u> </u>	Favorite:1	You can save your Favourite settings.	
	Rename		Favorite:2		
	i		Favorite:3		



Watermark Copy Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Edit 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		
	Colour		Black*		
			Green		
			Blue		
			Purple		
			Red		
			Orange		
			Yellow		
	¹ See Advanced	User's Guide.			



Option1	Option2	Option3	Option4	Descriptions	Page
Use Image	Scan	Transparency	-2	You can place a logo or text	See ¹ .
	(Set watermark		-1	into your document as a Watermark by scanning a	
	document and press Start .)		0*	paper document.	
	proce course,		+1		
			+2		
	Media	Position	А	Places a logo or text into	
	(Select image		В	your document as a Watermark using an image	
	from media)		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		

¹ See Advanced User's Guide.



PHOTO CAPTURE ()

Level1	Level2	Level3	Options	Descriptions	Page
View Photo(s)	(Print All Photos)	(Auto Correct)	See the print settings in the following table.	You can print all photos in your memory card or USB Flash memory drive. The machine starts a Slide	61
	(Slide Show)			Show of your photos. The machine decides the suitable effect for your photo.	See ¹ .
Enhance Photo	Enhance	(Auto Correct)	See the print settings in the following table.	You can adjust your photos with these settings.	
		(Enhance Skin) (Enhance Scenery)			
		(Remove Red-Eye)			
		(Night Scene)			
		(Fill Light) (Aa) (Whiteboard)			
		(Monochrome)			
		(Sepia)			
	Trim	(Auto Correct & Remove Red-Eye)		You can trim your photo and print a part of the image.	
	¹ See <i>Advanced</i>	User's Guide.	<u>I</u>	<u> </u>	<u> </u>
		s are shown in Bold	with an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page	
Index Print	Index Sheet	<pre>6 Images/Line* 5 Images/Line</pre>	See the print settings in the following table.	You can print a thumbnail page.	See ¹ .	
	Print Photos	_	renewing table.	You can print an individual image.		
1 See Advanced User's Guide.						
The factory settings are shown in Bold with an asterisk.						

Print Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Print Quality	Normal	_	_	Choose the print quality.	See ¹ .
(Not available for DPOF printing.)	Photo*				
Paper Type	Plain Paper	_	_	Choose the paper type.	
	Inkjet Paper				
	Brother BP71				
	Brother BP61				
	Other Glossy*				
Paper Size	10x15cm*	(When A4 or	_	Choose the paper and print	
	13x18cm	Letter is chosen)		size.	
	A4	8x10cm			
	A3	9x13cm			
	Letter	10x15cm			
	Ledger	13x18cm			
		15x20cm			
		Max. Size*			
Brightness	Dark Light	_	_	Adjusts the brightness.	
(Not available when Enhance is	-2				
chosen.)					
	+1				
	+2				

¹ See Advanced User's Guide.



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



Option1	Option2	Option3	Option4	Descriptions	Page	
Set New Default	Print Quality	_	_	You can save your print	See ¹ .	
	Paper Type	pe	settings.			
	Paper Size					
	Brightness					
	Contrast					
	Color Enhance					
	Cropping					
	Borderless					
	Date Print					
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.					





Level1	Level2	Level3	Options	Descriptions	Page
Phone Book	Send a fax	_	_	You can dial by pressing only a few keys (and Start).	49
	More	Set Speed Dial	_	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	53
		Set One Touch Dial	_	You can store your most frequently called numbers on the One Touch keys.	52
		Setup Groups	_	Sets up Group numbers for Broadcasting.	See ¹ .
		Change	_	You can change One Touch Dial and Speed Dial numbers.	54
		Delete	_	You can delete One Touch Dial and Speed Dial numbers.	

See Advanced User's Guide.



Call History ()

Level1	Level2	Level3	Options	Descriptions	Page
Call History	Outgoing Call	Send a fax	_	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 One Touch Dial, add it to Speed Dial, or delete it.	50
		More	Add to Speed Dial		
			Add to One Touch Dial		
			Delete		
	Caller ID hist.	Send a fax	_	You can choose a number from the Caller ID history and then send a fax to it, add it to One Touch Dial, add it to Speed Dial, or delete it.	51
		More	Add to Speed Dial		
			Add to One Touch Dial		
			Delete		
	The factory settings	s are shown in Bold	with an asterisk.		



Fax Preview (Preview)

Level1	Level2	Level3	Options	Descriptions	Page
Fax Preview	_	_	On	You can view faxes you	39
			Off*	receive on the LCD screen.	
	The factory settings are shown in Bold with an asterisk.				

Entering Text

When you are setting certain menu selections, you may need to enter text into the machine. Press lie to cycle between letters, numbers and special characters. Up to four letters are assigned to each letter button on the LCD. By pressing the proper button repeatedly, you can access the character you want.



Inserting spaces

To enter a space, press 🔟 to choose special characters, then press the space button 🔼 or 🛄





The characters available may differ depending on your country.

Making corrections

If you entered an incorrect character and want to change it, use the arrow buttons to move the cursor under the incorrect character. Then press . Re-enter the correct character. You can also insert letters by moving the cursor and entering a character.

Repeating letters

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

D

Specifications

General



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

Printer Type Inkjet

Print Method Mono: Piezo with 210 × 1 nozzle

Color: Piezo with 210×3 nozzles

Memory Capacity 192 MB

LCD (Liquid Crystal Touc

Display)

Touchscreen 3.3 in. (82.8 mm) TFT Color LCD

Power Source AC 220 to 240 V 50/60 Hz

Power Consumption ¹ Copying Mode: Approx. 28 W ²

Ready Mode: Approx. 8.5 W
Sleep Mode: Approx. 4 W

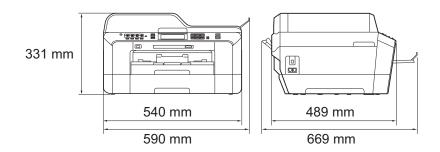
Off: Approx. 0.3 W

Measured when the machine is connected to the USB interface.

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

ש

Dimension



Weight 18.5 kg

NoiseOperating:50 dB or less 1TemperatureOperating:10 to 35 °C

Best Print Quality: 20 to 33 °C

Humidity Operating: 20 to 80% (without condensation)

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

ADF (automatic document

feeder)

Up to 35 pages

Paper: 80 g/m² A4 or Letter size

Document Size ADF Width: 148 mm to 297 mm

ADF Length: 148 mm to 431.8 mm Scanner Glass Width: Max. 297 mm Scanner Glass Length: Max. 431.8 mm

Noise depends on printing conditions.

Print media

Paper Input

Paper Tray #1

■ Paper type:

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

■ Paper size:

A4, Ledger, A3, Legal, Executive, Letter, A5, A6, JIS B4, JIS B5, Envelopes (commercial No.10, DL, C5, Monarch, Y4), Photo 10 \times 15 cm, Photo L 89 \times 127 mm, Photo 2L 13 \times 18 cm, Index Card and PostCard ³

Width: 89 mm - 297 mm

Length: 127 mm - 431.8 mm

For more details, see Paper weight and thickness on page 28.

Maximum paper tray capacity:

Approx. 250 sheets of 80 g/m² plain paper

Paper Tray #2

■ Paper type:

Plain paper

Paper size:

A4, Ledger, A3, Legal, Executive, Letter, JIS B4, JIS B5

Width: 182 mm - 297 mm

Length: 257 mm - 431.8 mm

For more details, see *Paper weight and thickness* on page 28.

■ Maximum paper tray capacity:

Approx. 250 sheets of 80 g/m² plain paper

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 27.

D

Paper Input Manual Feed Slot

(Continued)

■ Paper type:

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

■ Paper size:

A4, Ledger, A3, Legal, Executive, Letter, A5, A6, JIS B4, JIS B5, Envelopes (commercial No.10, DL, C5, Monarch, Y4), Photo 10 \times 15 cm, Photo L 89 \times 127 mm, Photo 2L 13 \times 18 cm, Index Card and PostCard 3

Width: 89 mm - 297 mm

Length: 127 mm - 431.8 mm

For more details, see Paper weight and thickness on page 28.

Maximum paper tray capacity:

1 sheet of special print media

Paper Output

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

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

Use only transparencies recommended for inkjet printing.

See Paper type and size for each operation on page 27.

Fax

Compatibility ITU-T Super Group 3

Duplex Fax (Send) Yes

Modem Speed Automatic Fallback

33,600 bps

Scanning Width 288 mm (A3)

(Single-sided document)

Scanning Width and Length Width: 208 mm (A4/Legal/Letter) (ADF)

(Duplex (2-sided) document) Length: 349.6 mm (ADF)

Printing Width 291 mm (A3)

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

Resolution Standard

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

Fine

203 × 196 dpi (Mono/Color)

Superfine

203 × 392 dpi (Mono)

Photo

203 × 196 dpi (Mono)

One Touch Dial $16 (8 \times 2)$

Speed Dial 100 stations \times 2 numbers

Groups Up to 6

Broadcasting 266 (200 Speed Dial/16 One Touch Dial/ 50 Manual Dial)

Automatic Redial 3 times at 5 minute intervals

Memory Transmission Up to 400 ¹ pages

Out of Paper Reception Up to 400 1 pages

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

Copy

Color/Monochrome Yes/Yes

Copy Width Max. 291 mm

Multiple Copies Stacks/Sorts up to 99 pages

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

Resolution Prints up to 1200 × 1200 dpi

Duplex ■ Paper type:

Plain paper

■ Paper size:

A4, Ledger ¹, A3 ¹, Legal, Letter, A5

Minimum top and bottom margins of 22 mm

PhotoCapture Center™

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

Memory Stick PRO™ (256 MB - 32 GB) Memory Stick Duo™ (16 MB - 128 MB) Memory Stick PRO Duo™ (256 MB - 32 GB) Memory Stick Micro™ (M2™) with Adapter

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

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

SD (16 MB to 2 GB) miniSD with Adapter microSD with Adapter SDHC (4 GB to 32 GB) miniSDHC with Adapter microSDHC 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 (Monochrome)

Number of Files Up to 999 files

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

also counted.)

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

USB Flash memory drive.

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

Photo 2L 13×18 cm 5

² USB 2.0 Standard

USB Mass Storage standard from 16 MB to 32 GB

Support format: FAT12/FAT16/FAT32

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

Progressive JPEG format is not supported.

⁴ Motion JPEG only

⁵ See Paper type and size for each operation on page 27.

PictBridge

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

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

Interface USB direct interface

Scanner

Color/Monochrome Yes/Yes

Duplex Scanning 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 48 bit color Processing (Input)

24 bit color Processing (Output)

Resolution Up to 19200×19200 dpi (interpolated) ³

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

Width: Up to 210 mm (A4/Legal/Letter) (ADF)

Up to 2400 × 1200 dpi (optical) (Single-sided document from

ADF)

Up to 600×600 dpi (optical) (Duplex (2-sided) document from

ADF)

Scanning Speed Monochrome: up to 3.49 sec.

(Single-sided document) Color: up to 3.37 sec.

(A4 size at 100×100 dpi)

Scanning Speed Monochrome: up to 4.68 sec.

(Duplex (2-sided) document) Color: up to 6.32 sec.

(A4 size at 100 × 100 dpi)

Scanning Width and Length Width: Up to 291 mm (Single-sided document)

(Single-sided document) Length: Up to 426 mm

(Duplex (2-sided) document) Length: Up to 349.6 mm (ADF)

Greyscale 256 levels

Scanning Width and Length

¹ 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 $1200 \times 6000 \text{ dpi}$

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

Borderless A4, Letter, Ledger, A3, A6, B4, Photo 10 × 15 cm,

Index Card 127 × 203 mm

Photo L 89 \times 127 mm, Photo 2L 13 \times 18 cm ²

Duplex ■ Paper type:

Plain paper

■ Paper size:

A4, Letter, Ledger ⁴, A3 ⁴, Legal, A5, A6, Executive,

B4⁴, B5

Print Speed ⁵

When the Borderless feature is set to On.

- See Paper type and size for each operation on page 27.
- ³ When printing on A3 size paper.
- ⁴ Minimum top and bottom margins of 22 mm
- ⁵ For detailed specifications visit http://www.brother.com/.

D

Interfaces

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

LAN cable ³ Ethernet UTP cable category 5 or greater.

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

- Your machine has a Hi-Speed USB 2.0 interface. The machine can also be connected to a computer that has a USB 1.1 interface.
- Third party USB ports are not supported.
- 3 See the *Network User's Guide* for detailed network specifications.

D

Computer requirements

	SUPPORTED OPERATING SYSTEMS AND SOFTWARE FUNCTIONS							
Computer Platform & Operating System Version		Supported PC Software Functions	PC Interface	Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install	
							For Drivers	For Applications
Windows® Operating System ¹	Windows [®] 2000 Professional	Printing, PC Fax ⁴ , Scanning, Removable Disk ⁵	USB, 10/100 Base-TX (Ethernet), Wireless 802.11b/g/n	Intel [®] Pentium [®] II or equivalent	64 MB	256 MB	150 MB	500 MB
	Windows [®] XP Home ² Windows [®] XP Professional ²			o. oqu	128 MB		150 MB	500 MB
	Windows [®] XP Professional x64 Edition ²			64-bit (Intel [®] 64 or AMD64) supported CPU	256 MB	512 MB	150 MB	500 MB
	Windows Vista ^{® 2}			Intel [®] Pentium [®] 4	512 MB	1 GB	500 MB	1.2 GB
	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	1.2 GB
	Windows Server [®] 2003 (print only via network)	Printing	10/100 Base-TX (Ethernet), Wireless 802.11b/g/n	Intel [®] Pentium [®] III or equivalent	256 MB	512 MB	50 MB	N/A
	Windows Server [®] 2003 x64 Edition (print only via network)			64-bit (Intel [®] 64 or AMD64) supported CPU				
	Windows Server [®] 2003 R2 (print only via network)			Intel [®] Pentium [®] III or equivalent				
	Windows Server® 2003 R2 x64 Edition (print only via network)			64-bit (Intel [®] 64 or AMD64) supported CPU		1 GB		
	Windows Server [®] 2008 (print only via network)			Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU		2 GB		
	Windows Server® 2008 R2 (print only via network)			64-bit (Intel [®] 64 or AMD64) supported CPU				
Macintosh Operating System	Mac OS X 10.4.11, 10.5.x	Printing, PC Fax Send ⁴ , Scanning, Removable Disk ⁵	USB ³ , 10/100 Base-TX (Ethernet), Wireless 802.11b/g/n	PowerPC G4/G5 Intel [®] Core™ Processor	512 MB	1 GB	80 MB	400 MB
	Mac OS X 10.6.x			Intel [®] Core™ Processor	1 GB	2 GB		

Conditions:

- ¹ Microsoft[®] Internet Explorer[®] 6.0 or greater.
- For WIA, 1200 × 1200 resolution. Brother Scanner Utility enables to enhance up to 19200 × 19200 dpi.
- ³ Third party USB ports are not supported.
- ⁴ PC Fax supports black and white only.
- 5 Removable disk is a function of PhotoCapture Center™.

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

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

Consumable items

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

cartridges that are separate from the print head assembly.

Service Life of Ink

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

an amount of ink to fill the ink delivery tubes for high quality printouts. This process will only happen once. After this process is complete the cartridges provided with your machine will have a lower yield than standard cartridges (65 %). With all following ink

cartridges you can print the specified number of pages.

Replacement Consumables

<Super High Yield Black> LC450XLBK

<Super High Yield Yellow> LC450XLY

<Super High Yield Cyan> LC450XLC

<Super High Yield Magenta> LC450XLM

Black - Approximately 2,400 pages 1

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

<High Yield Black> LC400BK

<High Yield Yellow> LC400Y

<High Yield Cyan> LC400C

<High Yield Magenta> LC400M

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

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

What is Innobella™?

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



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

¹ Approx. cartridge yield is declared in accordance with ISO/IEC 24711.

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 141.

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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W

Windows[®]
See Software User's Guide.
Wireless Network
See Quick Setup Guide and Network
User's Guide.



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