Section VI

Please see page 10 of 83(labeled 126) and 11 of 83(labeled 127) for FCC and IC manual statements

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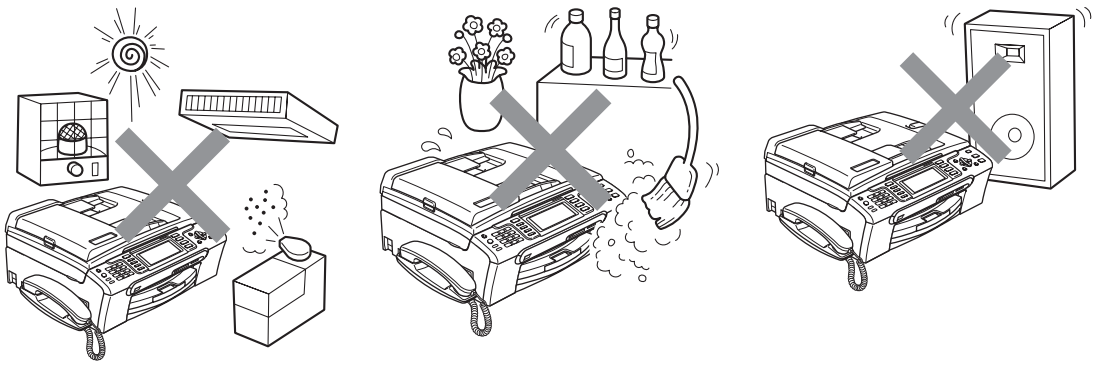
A Safety and Legal

Choosing a location

Put your machine on a flat, stable surface that is free of vibration and shocks, such as a desk. Put the machine near a telephone wall jack and a standard AC power outlet. Choose a location where the temperature remains between 50° F and 95° F (10° C and 35° C).

CAUTION

- Avoid placing your machine in a high-traffic area.
- Avoid placing your machine on a carpet.
- DO NOT put the machine near heaters, air conditioners, refrigerators, medical equipment, chemicals or water.
- DO NOT expose the machine to direct sunlight, excessive heat, moisture, or dust.
- DO NOT connect your machine to electrical outlets controlled by wall switches or automatic timers.
- Disruption of power can wipe out information in the machine's memory.
- DO NOT connect your machine to electrical outlets on the same circuit as large appliances or other equipment that might disrupt the power supply.
- Avoid interference sources, such as speakers or the base units of non-Brother cordless telephones.
- DO NOT place the MFC-885CW and the cordless handset near electro-medical equipment.



To use the machine safely

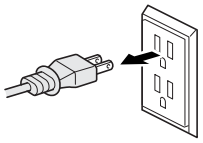
Please keep these instructions for later reference and read them before attempting any maintenance.

Note

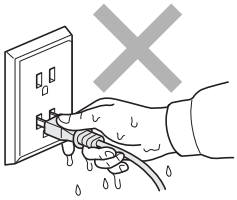
If there are faxes in the machine's memory, you need to print them or save them before you unplug the machine from the AC power outlet for more than 24 hours. (To print the faxes in memory, see *Printing a fax from the memory* on page 44. To save the faxes in memory, see *Transferring faxes to another fax machine* on page 140 or *Transferring faxes to your PC* on page 140.)

WARNING

There are high voltage electrodes inside the machine. Before you clean the inside of the machine, make sure you have unplugged the telephone line cord first and then the power cord from the AC power outlet. Doing this will prevent an electrical shock.



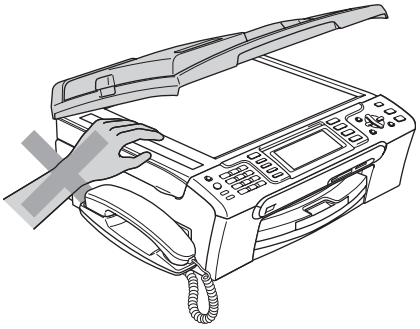
DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.

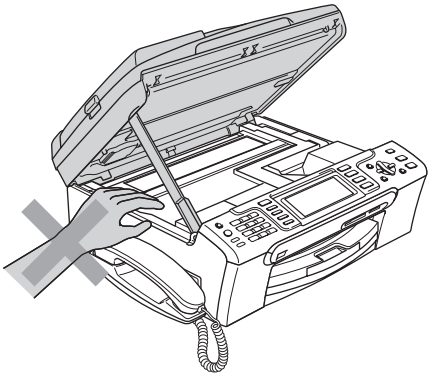


Always make sure the plug is fully inserted.

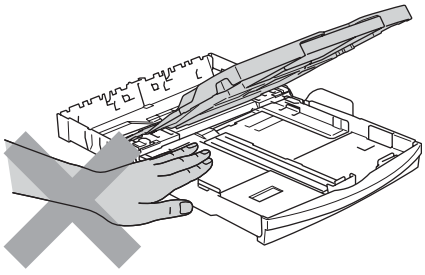
DO NOT pull on the middle of the AC power cord. Doing this might cause an electrical shock.

DO NOT put your hands on the edge of the machine under the document cover or the scanner cover. Doing this may cause injury.

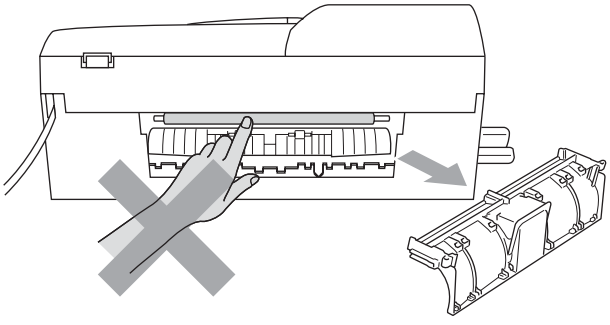




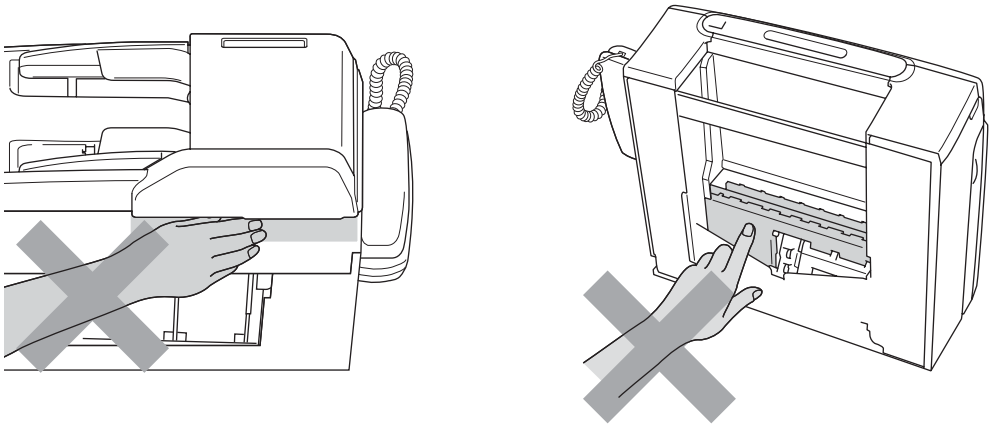
DO NOT put your hands on the edge of the paper tray under the output paper tray cover. Doing this may cause injury.



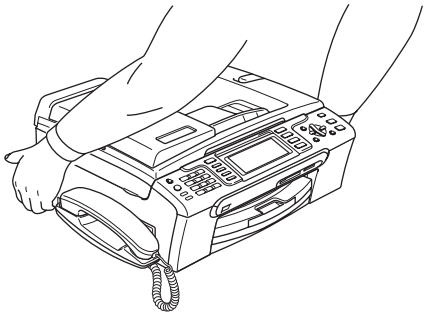
DO NOT touch the paper feed roller. Doing this may cause injury.



DO NOT touch the area shaded in the illustration. Doing this may cause injury.



When moving the machine you must lift it from the base, by placing a hand at each side of the unit as shown in the illustration. Do not carry the machine by holding the scanner cover.



DO NOT use flammable substances or any type of spray to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock.

If the machine becomes hot, releases smoke, or generates any strong smells, immediately unplug the machine from the AC power outlet. Call Brother Customer Service. (See *Brother numbers* on page i.)

If metal objects, water or other liquids get inside the machine, immediately unplug the machine from the AC power outlet. Call Brother Customer Service. (See *Brother numbers* on page i.)

WARNING

- Use caution when installing or modifying telephone lines. Never touch telephone wires or terminals that are not insulated unless the telephone line has been unplugged at the wall jack. Never install telephone wiring during a lightning storm. Never install a telephone wall jack in a wet location.
- This product must be installed near an AC power outlet that is easily accessible. In case of an emergency, you must unplug the power cord from the AC power outlet to shut off the power completely.
- Always make sure the plug is fully inserted.
- To reduce the risk of shock or fire, use only a No. 26 AWG or larger telecommunication line cord.

CAUTION

Lightning and power surges can damage this product! We recommend that you use a quality surge protection device on the AC power line and on the telephone line, or unplug the cords during a lightning storm.

WARNING

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to people, including the following:

1 DO NOT use this product near water, for example, near a bath tub, wash bowl, kitchen sink or washing machine, in a wet basement or near a swimming pool.

2 Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

3 DO NOT use this product to report a gas leak in the vicinity of the leak.

4 Use only the power cord provided with the machine.

Important safety instructions

1 Read all of these instructions.

2 Save them for later reference.

3 Follow all warnings and instructions marked on the product.

4 Unplug this product from the wall outlet before cleaning the inside of the machine. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

5 Do not use this product near water.

6 Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

7 Slots and openings in the cabinet and the back or bottom are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heater. This product should never be placed in a built-in installation unless proper ventilation is provided.

8 This product should be operated from the type of power source indicated on the label. If you are not sure of the type of power available, call your dealer or local power company.

9 Use only the power cord supplied with this machine.

10 Do not allow anything to rest on the power cord. Do not place this product where people can walk on the cord.

11 If an extension cord is used with this product, make sure that the total ampere ratings of the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the AC power outlet does not exceed 15 amperes (USA only).

12 Do not place anything in front of the machine that will block received faxes. Do not place anything in the path of received faxes.

13 Wait until pages have exited the machine before picking them up.

14 Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in the risk of fire or electric shock. Never spill liquid of any kind on the product. Do not attempt to service this product yourself because opening or removing covers may expose you to dangerous voltage points and other risks and may void your warranty. Refer all servicing to a Brother Authorized Service Center. For the location of your nearest Brother Authorized Service Center, please call the following:

In USA: 1-800-284-4357

In Canada: 1-877-BROTHER

15 Unplug this product from the AC power outlet and refer all servicing to Brother Authorized Service Personnel under the following conditions:

- When the power cord is damaged or frayed.
- If liquid has been spilled into the product.
- If the product has been exposed to rain or water.

- If the product does not operate normally when the operating instructions are followed, adjust only those controls that are covered by the operating instructions. Improperadjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

16 To protect your product against power surges, we recommend the use of a power protection device (Surge Protector).

17 To reduce the risk of fire, electric shock and injury to people, note the following:

- Do not use this product near appliances that use water, a swimming pool, or in a wet basement.
- Do not use the machine during an electrical storm (there is the remote possibility of an electrical shock) or to report a gas leak in the vicinity of the leak.

18 Caution - To reduce the risk of fire, use only No.26 AWG or larger telecommunication line cord.

Standard telephone and FCC Notices (These notices are in effect on models sold and used in the United States only.)

This equipment is hearing-aid compatible.

When programming emergency numbers or making test calls to emergency numbers:

- Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
- Perform these activities in the off-peak hours, such as early morning or late evening.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the backside of this equipment is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

You may safely connect this equipment to the telephone line by means of a standard modular jack, USOC RJ11C.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX.The digits represented by ## are the REN without a decimal point (e.g., 06 is a REN of 0.6). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact Brother Customer Service. (See *Brother numbers* on page i.) If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, call your telephone company or a qualified installer.

If you are not able to solve a problem with your machine, call Brother Customer Service. (See *Brother numbers* on page i.)

WARNING

For protection against the risk of electrical shock, always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.

This equipment may not be used on coin service lines provided by the telephone company or connected to party lines.

Brother cannot accept any financial or other responsibilities that may be the result of your use of this information, including direct, special or consequential damages. There are no warranties extended or granted by this document.

This machine has been certified to comply with FCC standards, which are applied to the USA only.

Federal Communications Commission (FCC) Declaration of Conformity (USA only)

Responsible Party:	Brother International Corporation
	100 Somerset Corporate Boulevard
	Bridgewater, NJ 08807-0911 USA
	TEL: (908) 704-1700

declares, that the products

Product Name: MFC-685CW and MFC-885CW

comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Call the dealer or an experienced radio/TV technician for help.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and legs).

IMPORTANT

Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

Industry Canada Compliance Statement (Canada only)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

LAN connection

CAUTION

DO NOT connect this product to a LAN connection that is subject to over-voltages.

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- Certificates of Deposit
- Internal Revenue Stamps (canceled or uncanceled)
- Selective Service or draft papers
- Passports
- United States/Canadian Postage Stamps (canceled or uncanceled)
- Food Stamps
- Immigration Papers
- Checks or drafts drawn by Governmental agencies
- Identifying badges or insignias

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B Troubleshooting and Routine Maintenance

Troubleshooting

IMPORTANT

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

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

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

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout	Check the interface cable or wireless connection on both the machine and your computer. (See the *Quick Setup Guide*.)
	Check that the machine is plugged in and that the **On/Off** key is on.
	One or more ink cartridges are empty. (See *Replacing the ink cartridges* on page 144.)
	Check to see if the LCD is showing an error message. (See *Error messages* on page 136.)
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. Click **Start** and then **Printers and Faxes**. Right-click and choose **Brother MFC-XXXX** (where XXXX 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 149.)
	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 on the CD-ROM and *Paper 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. (Cartridges stay usable for up to two years if kept in their original packaging.) ■ The ink cartridge was in your machine over six months. ■ The ink cartridge may not have been stored properly before use.
	Try using the recommended types of paper. (See *Acceptable paper and other media* on page 12.)
	The recommended environment for your machine is between 68° F to 91° F (20° C to 33° C).

Printing (continued)

Difficulty	Suggestions
White horizontal lines appear in text or graphics.	Clean the print head. (See *Cleaning the print head* on page 149.)
	Try using the recommended types of paper. (See *Acceptable paper and other media* on page 12.)
	If you want to print on Photo 4"×6" or Photo L 3.5"×5" paper, make sure you use the photo bypass tray. (See *Loading photo paper* on page 18.)
The machine prints blank pages.	Clean the print head. (See *Cleaning the print head* on page 149.)
Characters and lines are stacked.	Check the printing alignment. (See *Checking the print alignment* on page 150.)
Printed text or images are skewed.	Make sure the paper is loaded properly in the paper tray and the paper side guide is adjusted correctly. (See *Loading paper and other media* on page 15.)
	Make sure the Jam Clear Cover is set properly.
Smudged stain at the top center of the printed page.	Make sure the paper is not too thick or curled. (See *Acceptable paper and other media* on page 12.)
Printing appears dirty or ink seems to run.	Make sure you are using the proper types of paper. (See *Acceptable paper and other media* on page 12.) Don't handle the paper until the ink is dry.
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 printer platen* on page 148.)
	Make sure you are using the paper support flap. (See *Loading paper and other media* on page 15.)
The machine prints dense lines on the page.	Check **Reverse Order** in the **Basic** tab of the printer driver.
The printouts are wrinkled.	In the printer driver **Basic** tab, click **Settings**, and uncheck **Bi-Directional Printing**.
Cannot perform '2 in 1 or 4 in 1' 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 **Basic** tab. Also, click **Settings**, and make sure you uncheck **Color Enhancement (True2Life®)**.
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.)
True2Life® is not working properly.	If the image data is not full color in your application (such as 256 color), True2Life® will not work. Use at least 24 bit color data with the True2Life® feature.
Machine feeds multiple pages.	Make sure the paper is loaded properly in the paper tray. (See *Loading paper and other media* on page 15.)
	Check that more than two types of paper are not loaded in the paper tray at any one time.
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See *Loading paper and other media* on page 15.)
Printed pages double feed and cause a paper jam.	Make sure you pull out the paper support until it clicks and unfold the paper support flap.
Machine does not print from Paint Brush.	Try setting the Display setting to '256 colors.'
Machine does not print from Adobe Illustrator.	Try to reduce the print resolution. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.)

Printing (continued)

Difficulty	Suggestions
Machine cannot print full pages of a document. `Out of Memory` message occurs.	Reduce the print resolution. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.) Reduce the complexity of your document and try again. Reduce the graphic quality or the number of font sizes within your application software.

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 are empty or nearly empty, and then ask the other person to send the color fax again. (See *Replacing the ink cartridges* on page 144.) Check that Advanced Fax Operation is set to off. (See *Turning off Advanced Fax Operations* on page 76.)
Left and Right margins are cut off or a single page is printed on two pages.	Turn on Auto Reduction. (See *Printing a reduced incoming fax* on page 44.)

Telephone Line or Connections

Difficulty	Suggestions
Dialing does not work. (No dial tone)	Check that the machine is plugged in and that the **On/Off** key is on.
	Check all line cord connections.
	(Canada only) Change Tone/Pulse setting. (See the *Quick Setup Guide*.)
	Send a fax manually and wait to hear the fax receiving tones before you press **Black Start** or **Color Start**. (See *Sending a fax manually* on page 38.)
The machine does not answer when called.	Make sure the machine is in the correct receiving mode for your setup. (See *Choosing the Receive Mode* on page 40.) Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If there is no ringing when you call your machine, ask your telephone company to check the line.

Receiving Faxes

Difficulty	Suggestions
Cannot receive a fax.	Check all line cord connections.
	Make sure the machine is in the correct receiving mode for your setup. (See *Receive mode settings* on page 42.)
	If you often have interference on the telephone line, try changing the menu setting of Compatibility to `Basic`. (See *Telephone line interference* on page 144.)

Sending Faxes

Difficulty	Suggestions
Cannot send a fax.	Check all line cord connections.
	Make sure that the Fax key is illuminated. (See *Entering Fax mode* on page 32.)
	Ask the other party to check that the receiving machine has paper.
	Print the Transmission Verification Report and check for an error. (See *Reports* on page 81.)
Transmission Verification Report says 'Result:NG'. Poor fax send quality.	There is probably temporary noise or static on the line. Try sending the fax again. If you send a PC FAX message and get 'Result:NG' on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Advanced Fax Operation (see *Turning off Advanced Fax Operations* on page 76), print fax messages in memory (see *Printing a fax from the memory* on page 44) or cancel a Delayed Fax or Polling Job (see *Canceling a fax in progress* on page 33). 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`. (See *Telephone line interference* on page 144.)
	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* on page 147.)
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See *Cleaning the scanner* on page 147.)

Handling Incoming Calls

Difficulty	Suggestions
The machine 'Hears' a voice as a CNG Tone.	If Easy Receive is set to on, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax receiving tones. Deactivate the machine by pressing **Stop/Exit**. Try avoiding this problem by turning Easy Receive to off. (See *Easy Receive* on page 43.)
Sending a fax call to the machine.	If you answered on an external or extension telephone, press your Fax Receive Code (the factory setting is ✳ **5 1**). When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, Voice Mail, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes. **For example:** If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM 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. (See *Entering Copy mode* on page 86.)
Vertical streaks appear in copies.	If you see vertical streaks on copies, clean the scanner. (See *Cleaning the scanner* on page 147.)
Poor copy results when using the ADF.	Try using the scanner glass. (See *Using the scanner glass* on page 11.)
Vertical black line appear in copies.	Black vertical lines on copies are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See *Cleaning the scanner* on page 147.)

Scanning Difficulties

Difficulty	Suggestions
TWAIN/WIA errors appear when starting to scan.	Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In PaperPort® 11SE with OCR, click **File**, **Scan** and choose the Brother TWAIN/WIA driver.
Poor scanning results when using the ADF.	Try using the scanner glass. (See *Using the scanner glass* on page 11.)

Software Difficulties

Difficulty	Suggestions
Cannot install software or print.	Run the **Repair MFL-Pro Suite** program on the CD-ROM. This program will repair and reinstall the software.
'Device Busy'	Make sure the machine is not showing an error message on the LCD.
Cannot print images from FaceFilter Studio.	To use FaceFilter Studio, you must install the FaceFilter Studio application from the CD-ROM supplied with your machine. To install FaceFilter Studio see the *Quick Setup Guide*. Also, before you start FaceFilter Studio for the first time, you must make sure your Brother machine is turned On, and connected to your computer. This will allow you to access all the functions of FaceFilter Studio.

PhotoCapture Center® Difficulties

Difficulty	Suggestions
Removable Disk does not work properly.	1 Have you installed the Windows® 2000 update? If not, do the following: 1) Unplug the USB cable. 2) Install the Windows® 2000 update, and see the Quick Setup Guide. After the installation the PC will be automatically restarted. 3) Wait about 1 minute after you restart the PC, and then connect the USB cable. 2 Take out the memory card and put it back in again. 3 If you have tried 'Eject' from within Windows®, take out the memory card before you continue. 4 If an error message appears when you try to eject the memory card, 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.

Network Difficulties

Difficulty	Suggestions
Cannot print over the Network.	Make sure that your machine is powered on and is online and in Ready mode. Print a Network Configuration list (see *Reports* on page 81.) and check the current Network settings printed in this list. Reconnect the LAN cable to the hub to verify that the cabling and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. If the connections are good, the machine shows `LAN Active` for 2 seconds. (If you are using a wireless connection or are having Network problems, see the Network User's Guide for more information.)
The network scanning feature does not work. The network PC-Fax Receive feature does not work.	(For Windows® users only) Firewall settings on your PC may be rejecting the necessary network connection. Follow the instructions below to configure the Firewall. If you are using a personal Firewall software, see the User's Guide for your software or contact the software manufacturer. For Windows® XP SP2 and Windows Vista™ users, see *Firewall settings* in the Software User's Guide on the CD-ROM. For Windows® XP SP1 user's, please visit the Brother Solutions Center.
Your computer cannot find your machine.	<Windows® users> Firewall settings on you PC may be rejecting the necessary network connection. For detail, see the instruction above. <Macintosh® users> Re-select your machine in the DeviceSelector application located in Macintosh HD/Library/Printers/Brother/Utilities or from the model of ControlCenter2.

Error messages

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

You can correct most errors 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
Comm.Error	Poor telephone line quality caused a communication error.	Send the fax again or connect the machine to another telephone line. If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cover is Open.	The scanner cover is not closed completely.	Lift the scanner cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Re-start printing from your computer.
	Print data is left in the machine's memory. The USB cable was unplugged while the computer was sending the data to the machine.	Press **Stop/Exit**. The machine will cancel the job and clear it from the memory. Try to print again.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again.
Document Jam	The document was not inserted or fed properly, or the document scanned from the ADF was too long.	See *Using the ADF* on page 10. See *Document jam* on page 141.
DR Mode in Use	The machine is set to Distinctive Ring mode. You cannot change the Receive Mode from Manual to another mode.	Set Distinctive Ring to off. (See *Turning off Distinctive Ring* on page 49.)
High Temperature	The print head is too warm.	Allow the machine to cool down.
Hub is Unusable.	A Hub or USB Flash memory drive with Hub has been connected to the USB direct interface.	A Hub or USB Flash memory drive with Hub are not supported. Unplug the device from the USB direct interface.
Image Too Long.	The size of your photo is irregular to add effects.	Choose a regular shaped image.
Image Too Small.	The size of your photo is too small to trim.	Choose a larger image.

Error Message	Cause	Action
Ink Empty	One or more of the ink cartridges is empty. The machine will stop all print operations. While memory is available, black and white faxes will be stored in the memory. If a sending machine has a color fax, the machine's 'handshake' will ask that the fax be sent as black and white. If the sending machine has the ability to convert it, the color fax will be stored in the memory as a black and white fax.	Replace the empty ink cartridges. (See *Replacing the ink cartridges* on page 144.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, improperly formatted, or there is a problem with the card.	Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB flash memory drive you are using already contains 999 files.	Your machine can only save to your memory card or USB flash memory drive if it contains less than 999 files. Try deleting unused files to free some space and try again.
Near Empty	One or more of the ink cartridges are running out of ink. If a sending machine has a color fax, the machine's 'handshake' will ask that the fax be sent as black and white. If the sending machine has the ability to convert it, the color fax will be received into memory as a black and white fax.	Order a new ink cartridge. (See *Ordering accessories and supplies* on page iii.)
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature call your telephone company. (See *Caller ID* on page 49.)
No Cartridge	An ink cartridge is not installed properly.	Reinstall the ink cartridge. (See *Replacing the ink cartridges* on page 144.)
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.

Error Message	Cause	Action
No Paper Fed	The machine is out of paper or paper is not properly loaded in the paper tray.	Do one of the following: ■ Refill the paper in the paper tray, and then press **Black Start** or **Color Start**. ■ Remove the paper and load it again and then press **Black Start** or **Color Start**.
	The paper is jammed in the machine.	See *Printer jam or paper jam* on page 141.
No Response/Busy	The number you dialed does not answer or is busy.	Verify the number and try again.
Not Registered	You tried to access a Speed Dial number that is not programmed.	Set up the Speed Dial number. (See *Storing Speed Dial numbers* on page 59.)
Out of Memory	The machine's memory is full.	**Fax sending or copy operation in progress** Do one of the following: ■ Press **Stop/Exit** and wait until the other operations in progress finish and then try again. ■ Clear the data in the memory. To gain extra memory, you can turn off Advanced Fax Operation. (See *Turning off Advanced Fax Operations* on page 76.) ■ Print the faxes that are in the memory. (See *Printing a fax from the memory* on page 44.) **Printing operation in progress** Reduce print resolution. (For details, see *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.)
	The memory card or USB flash memory drive you are using does not have enough free space to scan the documents.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.
Paper Jam	Paper is jammed in the machine.	Open the Jam Clear Cover (at the back of the machine) and remove the jammed paper. (See *Printer jam or paper jam* on page 141.)

Error Message	Cause	Action
Unable to Clean XX Unable to Init. XX Unable to Print XX Unable to Scan XX Unable to use Phone XX	The machine has a mechanical problem. **—OR—** A foreign object such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, do one of the following: ■ Disconnect the machine from the power for several minutes, then reconnect it. (The machine can be turned off for approximately 24 hours without losing faxes stored in the memory. See *Transferring your faxes or Fax Journal report* on page 139.)
Unusable Device Disconnect device from front connector & turn machine off & then on	A broken device has been connected to the USB direct interface.	Unplug the device from the USB direct interface, then press **On/Off** to turn the machine off and then on again.
Unusable Device Please Disconnect USB Device.	A USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com.	Unplug the device from the USB direct interface.
Wrong Paper Size	Paper is not the correct size.	Load the correct size of paper (Letter, Legal or A4), and then press **Black Start** or **Color Start**.

Error animation

Error animation displays step-by-step instructions when paper gets jammed or ink cartridges become empty. You can read the steps at your own pace by pressing ▶ to see the next step and ◀ to go backward. If you do not press a key after 1 minute the animation starts running automatically again.

Note

You can press ◀, ▶ or **OK** to pause the auto-animation and go back to step-by-step mode.

Transferring your faxes or Fax Journal report

If the LCD shows:

- Unable to Change XX
- Unable to Clean XX
- Unable to Init. XX
- Unable to Print XX
- Unable to Scan XX
- Unable to use Phone XX

We recommend transferring your faxes to another fax machine or to your PC. (See *Transferring faxes to another fax machine* on page 140 or *Transferring faxes to your PC* on page 140.)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (See *Transferring Fax Journal report to another fax machine* on page 140.)

Note

If there is an error message on the machine's LCD, after the faxes have been transferred, disconnect the machine from the power source for several minutes, and then reconnect it.

Transferring faxes to another fax machine

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

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

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

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* for Windows® in the Software User's Guide on the CD-ROM.)
3. Make sure you have set PC Fax Receive on the machine. (See *PC Fax Receive* on page 74.)
   If faxes are in the machine's memory when you set up PC Fax Receive, the LCD will ask if you want to transfer the faxes to your PC.
4. Do one of the following:
   - To transfer all faxes to your PC, press **1**. You will be asked if you want a backup print.
   - To exit and leave the faxes in the memory, press **2**.
5. Press **Stop/Exit**.

Transferring Fax Journal report to another fax machine

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

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

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

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

7 Press **Black Start**.

Document jam

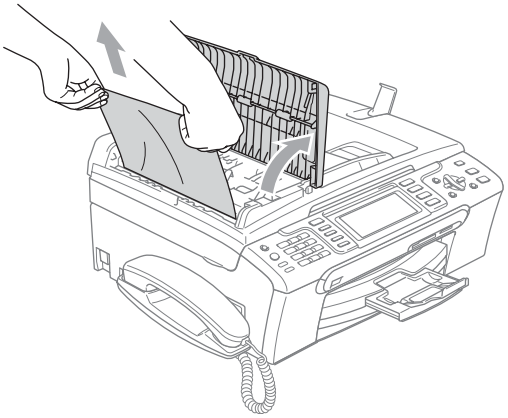
Documents can jam in the ADF unit if they are not inserted or fed properly, or if they are too long. Follow the steps below to clear a document jam.

Document is jammed in the top of the ADF unit

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

2 Open the ADF cover.

3 Pull the jammed document up and to the left.



4 Close the ADF cover.

5 Press **Stop/Exit**.

Note

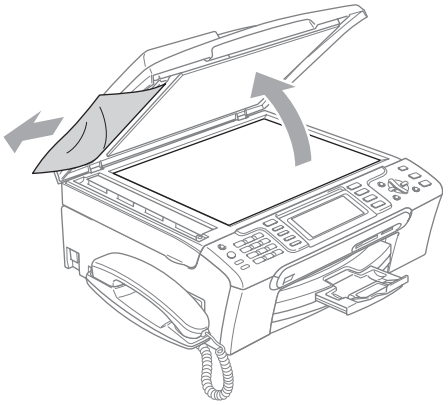
To avoid document jams close the ADF cover properly by pressing it down in the middle.

Document is jammed inside the ADF unit

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

2 Lift the document cover.

3 Pull the jammed document out to the left.



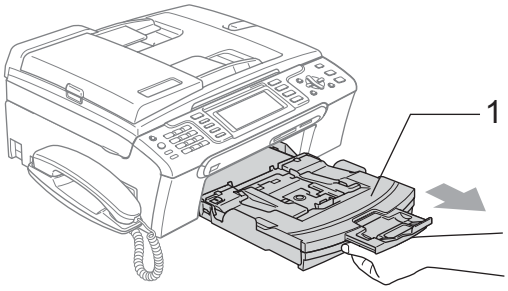
4 Close the document cover.

5 Press **Stop/Exit**.

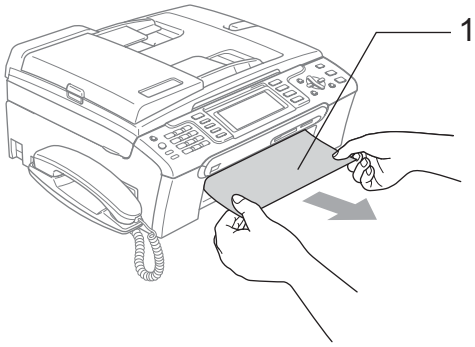
Printer jam or paper jam

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

1 Pull the paper tray (1) out of the machine.



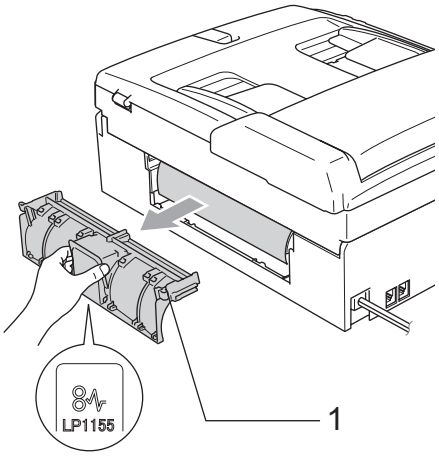
2 Pull out the jammed paper (1).



3 Reset the machine by lifting the scanner cover from the front of the machine and then closing it.

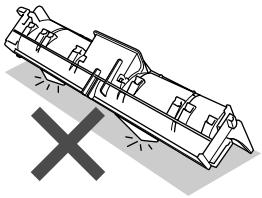
- If you cannot remove the jammed paper from the front of the machine, or the error message still appears on the LCD after you have removed the jammed paper, please go to the next step.

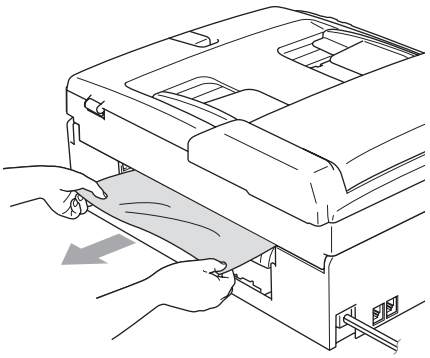
4 Remove the Jam Clear Cover (1) from the back of the machine. Pull the jammed paper out of the machine.



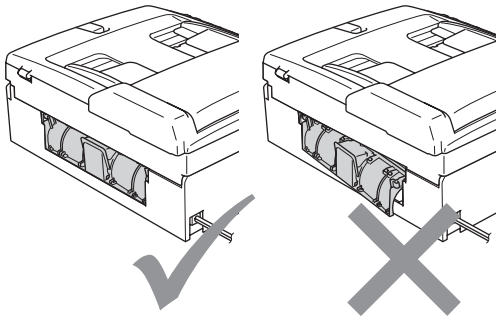
CAUTION

DO NOT place the jam clear cover face down as shown in the illustration. Doing this may damage the cover and cause paper jams.

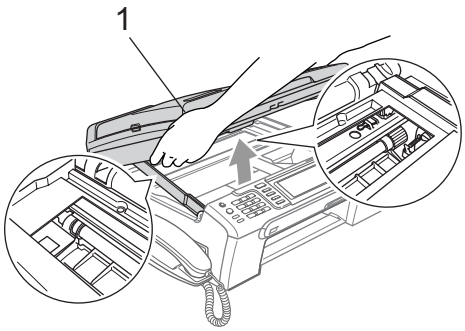




5 Put the Jam Clear Cover back on. Make sure the cover is set properly.



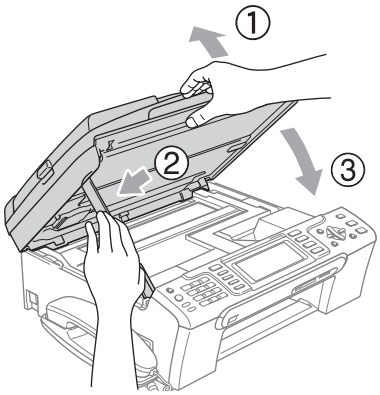
6 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover (1) until it locks securely into the open position.
Make sure that there is no jammed paper left in the corners of the machine.



Note

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.

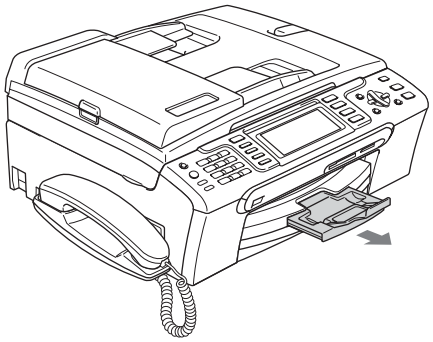
7 Lift the scanner cover to release the lock (1). Gently push the scanner cover support down (2) and close the scanner cover (3).



8 Push the paper tray firmly back into the machine.

Note

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



B

Dial Tone

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

1 Press **Menu**.

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

3 Press ▲ or ▼ to choose `Dial Tone`.

4 Press ◀ or ▶ to choose `Detection` or `No Detection`.
Press **OK**.

5 Press **Stop/Exit**.

Telephone line interference

If you are having problems sending or receiving a fax due to possible interference on the telephone line, we recommend that you adjust the Equalization for compatibility to reduce the modem speed for fax operations.

1. Press **Menu**.
2. Press ▲ or ▼ to choose `Fax`.
   Press **OK**.
3. Press ▲ or ▼ to choose `Miscellaneous`.
   Press **OK**.
4. Press ▲ or ▼ to choose `Compatibility`.
5. Press ◀ or ▶ to choose `Normal` (or `Basic`).
   - `Basic` reduces the modem speed to 9600 bps. Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed.
   - `Normal` sets the modem speed at 14400 bps. (factory setting)

   Press **OK**.
6. Press **Stop/Exit**.

Note

When you change the compatibility to `Basic`, the ECM feature is only available for color fax sending.

Routine maintenance

Replacing the ink cartridges

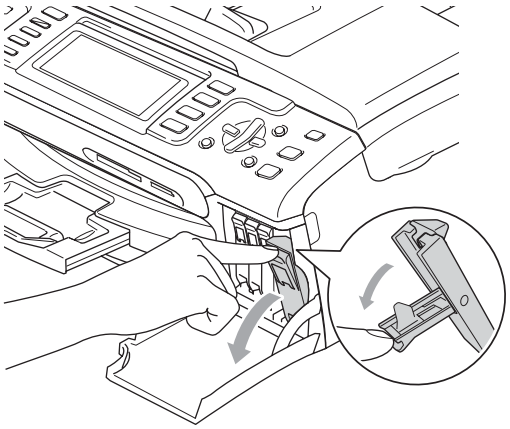
Your machine is equipped with an ink dot counter. The ink dot counter automatically monitors the level of ink in each of the 4 cartridges. When the machine detects an ink cartridge is running out of ink, the machine will tell you with a message on the LCD.

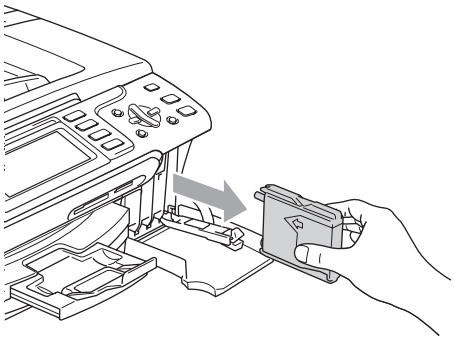
The LCD will tell you which ink cartridge is low or needs replacing. Be sure to follow the LCD prompts to replace the ink cartridges in the correct order.

Even though the machine tells you that an ink cartridge is empty, 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.

1. Open the ink cartridge cover.
   If one or more ink cartridges are empty, for example Black, the LCD shows `Ink Empty` and BK `Black`.

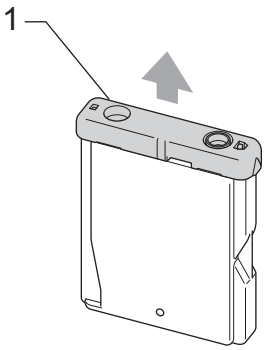
2 Pull the lock release lever down and take out the ink cartridge for the color shown on the LCD.





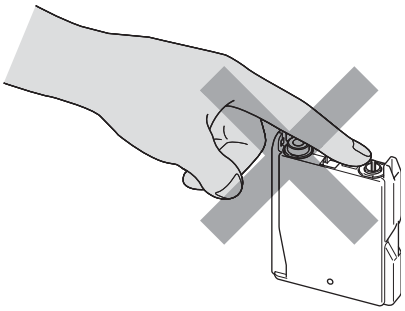
3 Open the new ink cartridge bag for the color shown on the LCD, and then take out the ink cartridge.

4 Remove the protective yellow cap (1).



Improper Setup

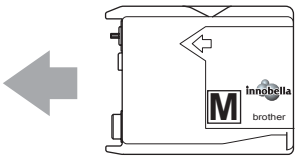
DO NOT touch the area shown in the illustration below.



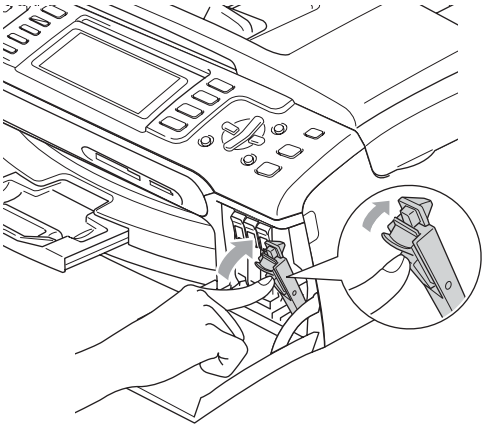
Note

If the protective yellow caps come off when you open the bag, the cartridge will not be damaged.

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



6 Lift the lock release lever and push it until it clicks, and then close the ink cartridge cover.



B

7 The machine will automatically reset the ink dot counter.

Note

- If you replaced an ink cartridge, the LCD may ask you to verify that it was a brand new one. (For example, `Did You Change BK Black`) For each new cartridge you installed, press **1** (`Yes`) to automatically reset the ink dot counter for that color. If the ink cartridge you installed is not a brand new one, be sure to press **2** (`No`).
- If the LCD shows `No Cartridge` after you install the ink cartridges, check that the ink cartridges are installed properly.

WARNING

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

CAUTION

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 stains your skin or clothing, wash with soap or detergent at once.

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.

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

Cleaning the outside of the machine

CAUTION

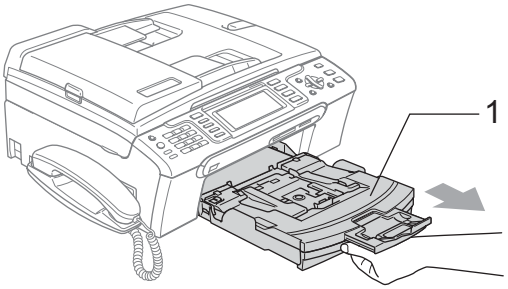
Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the outside surface of the machine.

DO NOT use cleaning materials that contain ammonia.

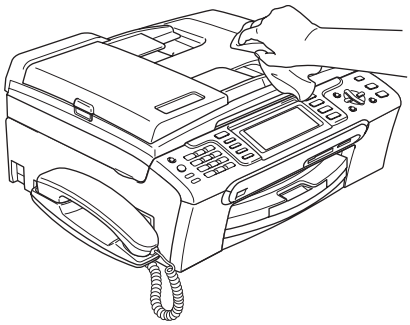
DO NOT use isopropyl alcohol to remove dirt from the control panel. It may crack the panel.

Clean the outside of the machine as follows:

1. Pull the paper tray (1) completely out of the machine.

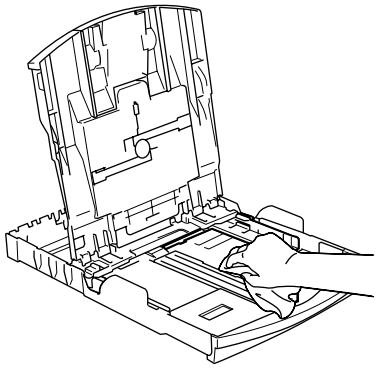


2. Wipe the outside of the machine with a soft cloth to remove dust.



3. Remove anything that is stuck inside the paper tray.

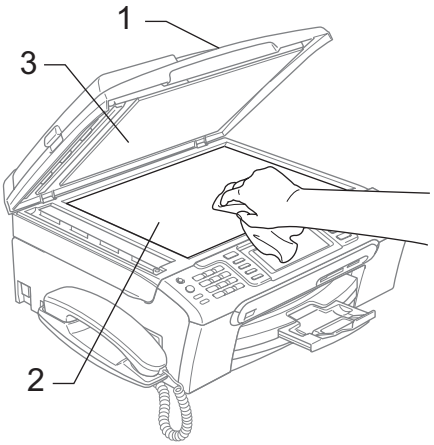
4. Wipe the paper tray with a soft cloth to remove dust.



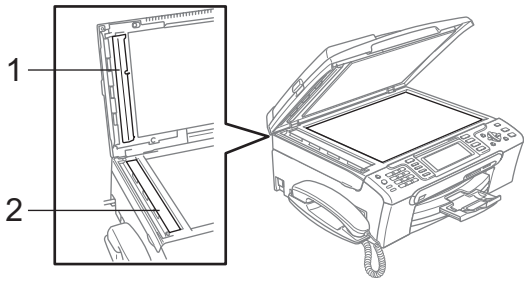
5. Put the paper tray firmly back in the machine.

Cleaning the scanner

1. 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.



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



Note

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

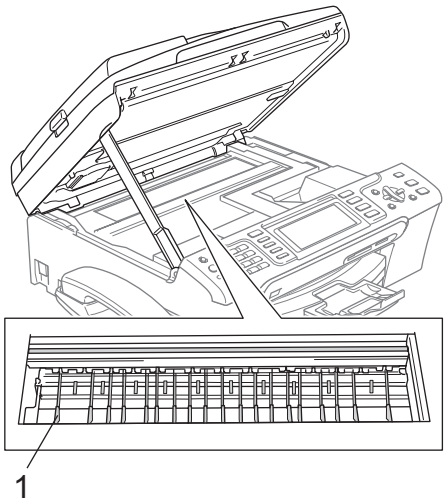
Cleaning the machine printer platen

WARNING

Be sure to unplug the machine from the AC power outlet before cleaning the printer platen (1).

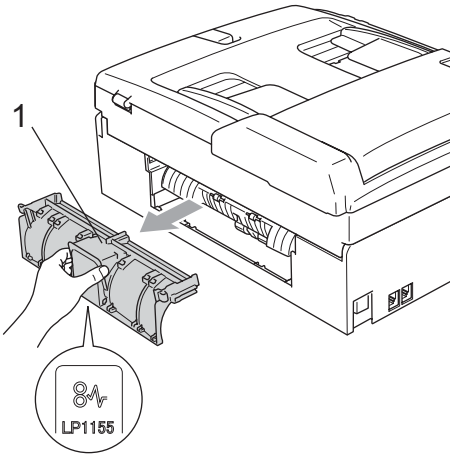
If ink is scattered on or around the printer platen wipe it off with a soft, *dry*, lint-free cloth.

1. Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position.
2. Clean the machine printer platen (1).



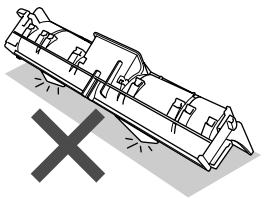
Cleaning the paper pick-up roller

1. Pull the paper tray completely out of the machine.
2. Unplug the machine from the AC power outlet and remove the Jam Clear Cover (1).

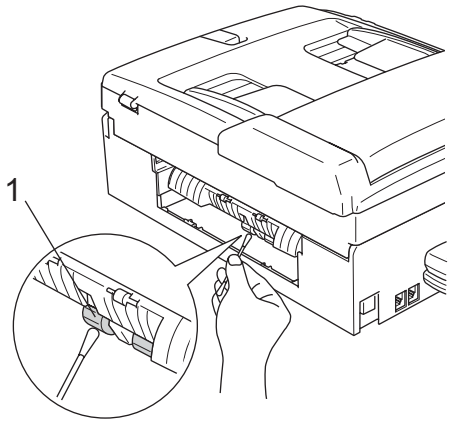


CAUTION

DO NOT place the jam clear cover face down as shown in the illustration. Doing this may damage the cover and cause paper jams.



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



4 Put the Jam Clear Cover back on. Make sure the cover is set properly.

5 Put the paper tray firmly back in the machine.

6 Re-connect the power cord.

Cleaning the print head

To maintain good print quality, the machine will automatically clean the print head. 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 on your printed pages. You can clean Black only, three colors at a time (Cyan/Yellow/Magenta), or all four colors at once.

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

CAUTION

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

1 Press **Ink**.

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

3 Press ▲ or ▼ to choose `Black`, `Color` or `All`.
Press **OK**.
The machine cleans the print head. When cleaning is finished, the machine will go back to standby mode automatically.

Note

If you clean the print head at least five times and the print has not improved, call Brother Customer Service. (See *Brother numbers* on page i)

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 **Ink**.

2 Press ▲ or ▼ to choose `Test Print`.
Press **OK**.

3 Press ▲ or ▼ to choose `Print Quality`.
Press **OK**.

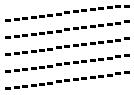
4 Press **Color Start**.
The machine begins printing the Print Quality Check Sheet.

5 Check the quality of the four color blocks on the sheet.

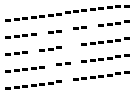
6 The LCD asks you if the print quality is OK.
Do one of the following:

- If all lines are clear and visible, press **1** (`Yes`) to finish the Print Quality check.
- If you can see missing short lines as shown below, press **2** to choose `No`.

OK



Poor



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

8 The LCD asks you if you want to start cleaning.
Press **1** (`Yes`).
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 ❺.

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 Brother Customer Service. (See *Brother numbers* on page i)

CAUTION

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

Note

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

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

Checking the print alignment

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

1 Press **Ink**.

2 Press ▲ or ▼ to choose `Test Print`.
Press **OK**.

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

4 Press **Black Start** or **Color Start**.
The machine starts printing the Alignment Check Sheet.

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

6 Do one of the following:

- If the number 5 samples of both the 600 dpi and 1200 dpi test prints are the best matches, press **1** (Yes) to finish the Alignment Check.
- If another test print number is a better match for either 600 dpi or 1200 dpi, press **2** (No) to choose it.

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

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

9 Press **Stop/Exit**.

Checking the ink volume

Although an ink volume icon appears on the LCD, you can use the **Ink** key to see a large graph showing the ink that is left in each cartridge.

1 Press **Ink**.

2 Press ▲ or ▼ to choose Ink Volume.
Press **OK**.
The LCD shows the ink volume.

3 Press **Stop/Exit**.

Note

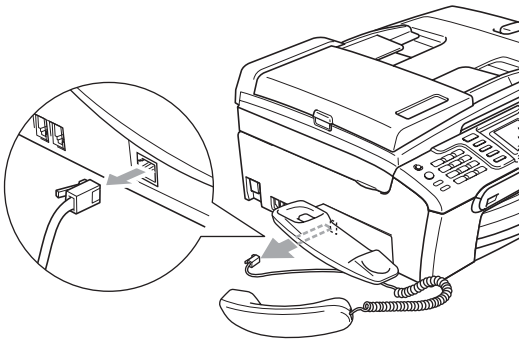
You can check the ink volume from your computer. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.)

Uninstalling and installing the handset and handset cradle (MFC-685CW only)

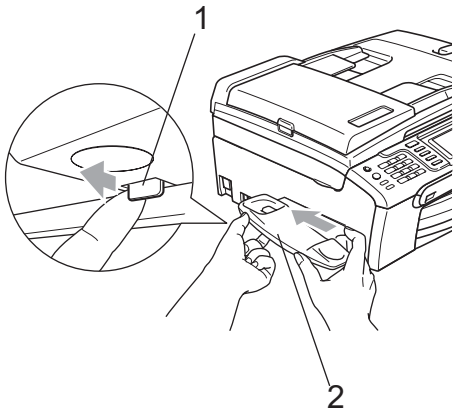
If you do not use the handset you can remove the handset and handset cradle.

Uninstalling the handset and handset cradle

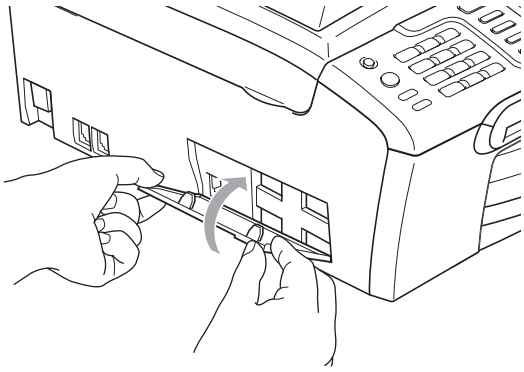
1 Unplug the curled handset cord from the machine.



2 Pull the tab (1) back and hold it in position as you push the cradle (2) to the back of the machine.

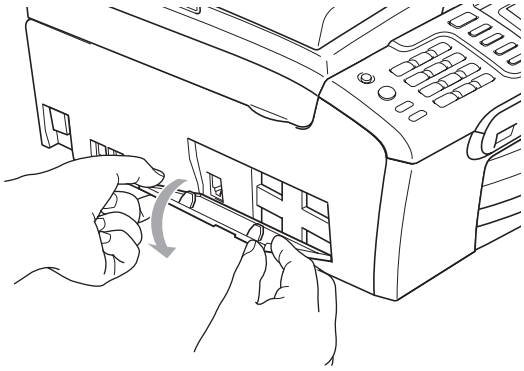


3 Attach the side cover.



Installing the handset and handset cradle

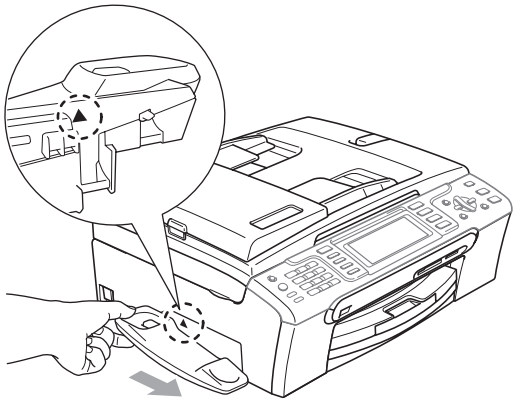
1 Remove the side cover.



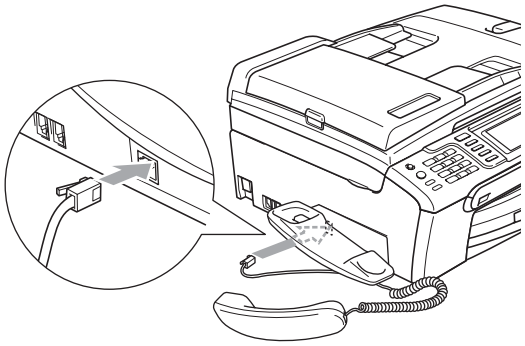
Note

If you cannot open the cover with your hand, use a coin to open it.

2 Align the recessed arrows on the cradle with those on the machine, and then slide the cradle toward the front of the machine until it clicks into place.



3 Connect the curled handset cord to the machine.



Machine Information

Checking the serial number

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

1. Press **Menu**.
2. Press ▲ or ▼ to choose `Machine Info.`.
   Press **OK**.
3. Press ▲ or ▼ to choose `Serial No.`.
   Press **OK**.
4. Press **Stop/Exit**.

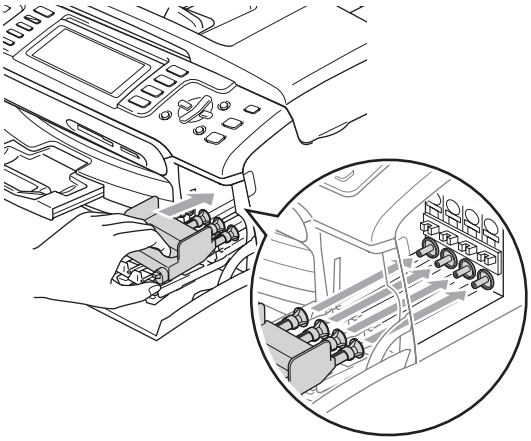
Packing and shipping the machine

When you transport the machine, use the packing materials that came with your machine. If you do not pack the machine properly, you could void your warranty.

CAUTION

It is important to allow the machine to 'park' the print head after a print job. Listen carefully to the machine before unplugging it to make sure that all mechanical noise has stopped. Not allowing the machine to finish this parking process may lead to print problems and possible damage to the print head.

1. Open the ink cartridge cover.
2. Pull the lock release levers down and take out all the ink cartridges. (See *Replacing the ink cartridges* on page 144.)
3. Install the yellow protective part, lift each lock release lever and push it until it clicks and then close the ink cartridge cover.



CAUTION

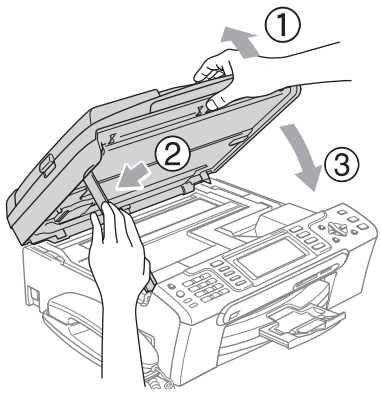
If you are not able to find the yellow protective part, DO NOT remove the ink cartridges before shipping. It is essential that the machine be shipped with either the yellow protective part or the ink cartridges in position. Shipping without them will cause damage to your machine and may void your warranty.

4. Unplug the machine from the telephone wall jack and take the telephone line cord out of the machine.

5. Unplug the machine from the AC power outlet.

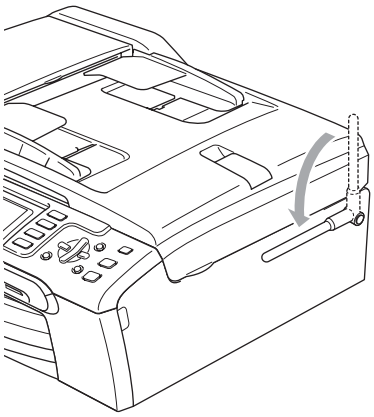
6. Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position. Then unplug the interface cable from the machine, if it is connected.

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

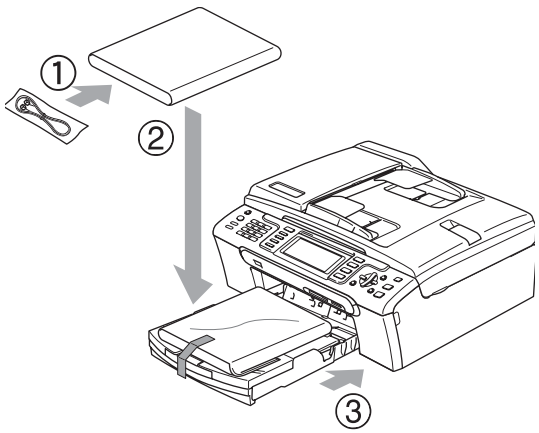


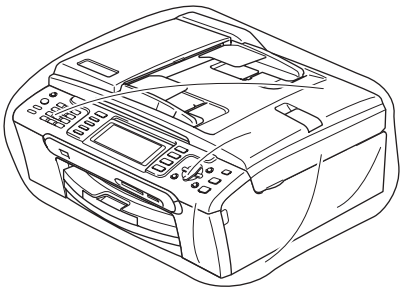
8. If your machine has a handset, remove it and the handset curled cord.

9. (MFC-885CW) Rotate the machine's antenna to the down position.



10. Wrap the machine in the bag and put it in the original carton with the original packing material.

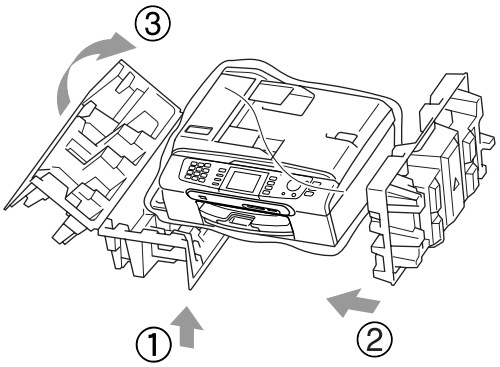


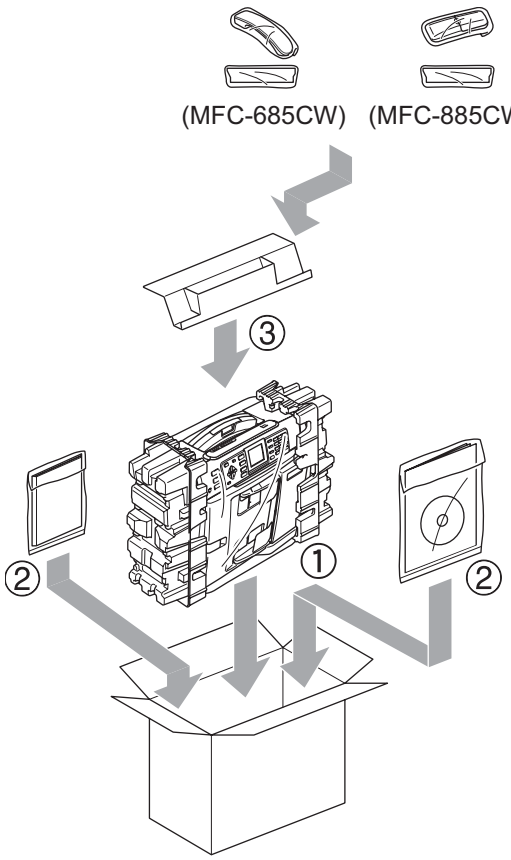


11 Pack the printed materials in the original carton as shown in the illustration. Do not pack the used ink cartridges in the carton.

Note

If you are returning your machine to Brother as part of the Exchange Service, pack *only* the machine. Keep all separate parts and printed materials to use with your 'Exchange' machine.





12 Close the carton and tape it shut.

C Menu and Features

On-screen programming

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

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

Menu table

You can program your machine without the User's Guide by using the Menu table that begins on page 157. These pages list the menu selections and options.

Memory storage

Even if there is a power failure, you will not lose the settings you have chosen using the Menu key because they are stored permanently. Also, you will not lose your settings in the PhotoCapture, Fax and Copy mode key menus if you have chosen `Set New Default`. You may have to reset the date and time.

Note

During a power failure the machine will retain messages that are in the memory for approximately 24 hours.

Mode and menu keys

	Access the main menu.
	Access the mode and its menu of temporary settings.
▲ ▼	Scroll through the current menu level.
◄	Go back to the previous menu level.
►	Go to the next menu level.
	■ Go to the next menu level. ■ Accept an option.
	■ Cancel the current operation. ■ Go back to the previous menu level.
	■ Stop the current operation.

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 0 Sec 30 Secs 1 Min **2 Mins*** 5 Mins	Sets the time to return to Fax mode.	22
	Paper Type	—	**Plain Paper*** Inkjet Paper Brother Photo Other Photo Transparency	Sets the type of paper in the paper tray.	23
	Paper Size	—	**Letter*** Legal A4 A5 4"x6"	Sets the size of the paper in the paper tray.	23
	Volume	Ring	Off Low **Med*** High	Adjusts the ring volume.	24
		Beeper	Off **Low*** Med High	Adjusts the volume level of the beeper.	24
		Speaker	Off Low **Med*** High	Adjusts the speaker volume.	25
		Handset (MFC-685CW only)	**Low*** High	Adjusts the handset volume.	25
				The factory settings are shown in Bold with an asterisk.	

Level1	Level2	Level3	Options	Descriptions	Page
General Setup (Continued)	**Volume** (Continued)	**Volume Amplify** (MFC-685CW only)	On (Permanent/Temporary) **Off***	For the hearing-impaired, you can set the volume to the Volume Amplify On setting on a permanent or temporary basis.	26
	Auto Daylight	—	On **Off***	Changes for Daylight Savings Time automatically.	27
	On/Off Setting	—	Fax Receive:On **Fax Receive:Off***	Customizes the**On/Off** key to receive faxes even in off mode.	21
	LCD Settings	**LCD Contrast**	Light **Med*** Dark	Adjusts the contrast of the LCD.	27
		Backlight	Light **Med*** Dark	You can adjust the brightness of the LCD backlight.	27
		Dim Timer	Off 10 Secs 20 Secs **30 Secs***	You can set how long the LCD backlight stays on after the last key press.	28
		Off Timer	**Off*** 1 Min 2 Mins 3 Mins 5 Mins 10 Mins 30 Mins	You can set how long the LCD stays on for after the last key press.	28
		Wallpaper	—	You can choose the wallpaper of the LCD.	28
	Echo Control (MFC-885CW only)	—	level1 level2 level3 level4	Adjusts the Echo Control level.	See *Digital Cordless Handset BCL-D10 User's Guide*
	The factory settings are shown in Bold with an asterisk.				

Level1	Level2	Level3	Options	Descriptions	Page
Fax	**Setup Receive**	**Ring Delay**	**Ring Delay** 0 1 2 3 **4***	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	42
			Toll Saver On **Off***	Cost saving feature: the machine rings 2 times if there are messages and 4 times if there are no messages, so you can hang up and not pay for the call.	68
		F/T Ring Time	**20 Sec*** 30 Sec 40 Sec 70 Sec	Sets the pseudo/double-ring time in Fax/Tel mode.	42
		Easy Receive	**On*** Off Semi	Receives fax messages without pressing the **Black Start** or **Color Start** key.	43
		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.	55
		Auto Reduction	**On*** Off	Reduces the size of incoming faxes.	44
	Report Setting	**Transmission**	On On+Image **Off*** Off+Image	Initial setup for Transmission Verification Report and Fax Journal Report.	80
		Journal Period	Off **Every 50 Faxes*** Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days		80

The factory settings are shown in Bold with an asterisk.

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	**Advanced Fax Operation** **Advanced Fax Operation**	**Fwd/Page/Store**	**Off*** Fax Forward Paging Fax Storage Fax Preview PC Fax Receive	Sets the machine to forward fax messages, to call your pager, to store incoming faxes in the memory (so you can retrieve them while you are away from your machine), to preview faxes or to send faxes to your PC.	70
		Remote Access	Access Code: ---*	Set your own code for Remote Retrieval.	77
		Print Fax (Backup Print)	—	Prints incoming faxes stored in the memory.	44
	Remaining Jobs	—	—	Check which jobs are in the memory and lets you cancel chosen jobs.	37
	Setup Msg Ctr	**OGM**	Msg Ctr OGM F/T OGM	Play/Record or erase the outgoing message.	65
		ICM Max.Time	**30 Sec*** 60 Sec 120 Sec 180 Sec	Choose the maximum length of incoming messages.	68
		ICM Rec.Monitr	**On*** Off	Allows you to turn the speaker volume for voice messages as they come in On or Off.	69
	Miscellaneous	**Mem Security**	—	Prohibits most functions except receiving faxes into memory.	29
		Compatibility	**Normal*** Basic	Adjusts the transmissions that are having problems.	144
		Distinctive	**Off*** Set (On)	Uses the Telephone company's Distinctive Ring subscriber service to register the ring pattern with the machine.	47
		Caller ID	Display# Print Report Area Code (USA only)	View or print a list of the last 30 Caller IDs stored in the memory. Set up your 3-digit area code only if you do not dial it within your own area code.	49
LAN	See the table below				
	The factory settings are shown in Bold with an asterisk.				

LAN menu

Level1	Level2	Level3	Level4	Options	Descriptions
LAN	**Wired LAN**	**TCP/IP**	**BOOT Method**	**Auto***	Chooses the BOOT method that best suits your needs.
				Static	
				RARP	
				BOOTP	
				DHCP	
			IP Address	[000-255].	Enter the IP address.
				[000-255].	
				[000-255].	
				[000-255]	
			Subnet Mask	[000-255].	Enter the Subnet mask.
				[000-255].	
				[000-255].	
				[000-255]	
			Gateway	[000-255].	Enter the Gateway address.
				[000-255].	
				[000-255].	
				[000-255]	
			Node Name	BRN_XXXXXX	Enter the Node name.
			WINS Config	**Auto***	Chooses the WINS configuration mode.
				Static	
			WINS Server	(Primary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
				(Secondary) 000.000.000.000	
			DNS Server	(Primary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
				(Secondary) 000.000.000.000	
			APIPA	**On***	Automatically allocates the IP address from the link-local address range.
				Off	
	See *Network User's Guide on the CD-ROM*				
	The factory settings are shown in Bold with an asterisk.				

Level1	Level2	Level3	Level4	Options	Descriptions
LAN (Continued)	**Wired LAN** (Continued)	**Ethernet**		**Auto*** 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.
	WLAN	**TCP/IP**	**BOOT Method**	**Auto*** Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.
			IP Address	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.
			Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.
			Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.
			Node Name	BRW_XXXXXX	Enter the Node name.
			WINS Config	**Auto*** Static	Chooses the WINS configuration mode.
			WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
			DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
	See *Network User's Guide on the CD-ROM*				
	The factory settings are shown in Bold with an asterisk.				

Level1	Level2	Level3	Level4	Options	Descriptions
LAN (Continued)	**WLAN** (Continued)	**TCP/IP** (Continued)	**APIPA**	**On*** Off	Automatically allocates the IP address from the link-local address range.
		Setup Wizard		—	You can configure your print server.
		SecureEasySetup		—	You can configure the wireless network easily.
		AOSS		—	You can configure the wireless network easily.
		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.
	Network I/F		—	**Wired LAN*** WLAN	You can choose the network connection type.
	Factory Reset		—	Yes No	Restores all wired and wireless network settings to the factory default.
	See *Network User's Guide on the CD-ROM*				
	The factory settings are shown in Bold with an asterisk.				

C

Menu (Menu) (continued)

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	Transmission	—	—	Prints these lists and reports.	81
	Help List	—	—		
	Quick-Dial	—	—		
	Fax Journal	—	—		
	User Settings	—	—		
	Network Config	—	—		
Machine Info.	Serial No.	—	—	Lets you check the serial number of your machine.	153
Initial Setup	Receive Mode (MFC-685CW only)	—	**Fax Only*** Fax/Tel Manual	Choose the receive mode that best suits your needs.	40
	Receive Mode (MFC-885CW only)	—	Fax Only **Fax/Tel*** Manual	Choose the receive mode that best suits your needs.	40
	Date&Time	—	—	Puts the date and time on the LCD and in headings of faxes you send.	See *Quick Setup Guide*
	Station ID	—	Station ID Fax: Station ID Name:	Set your name and fax number to appear on each page you fax.	
	Tone/Pulse (Canada only)	—	**Tone*** Pulse	Choose the dialing mode.	
	Dial Tone	—	Detection **No Detection***	You can shorten the dial tone detect pause.	143
	Register Handset (MFC-885CW only)	—	—	Sets the machine to register the cordless handset.	See *Digital Cordless Handset BCL-D10 User's Guide*
	Local Language (Canada only)	—	**English*** French	Allows you to change the LCD language for your country.	See *Quick Setup Guide*
	The factory settings are shown in Bold with an asterisk.				

Fax ( )

Level1	Level2	Level3	Options	Descriptions	Page
Fax Resolution	—	—	**Standard*** Fine S.Fine Photo	Sets the resolution for outgoing faxes.	36
Contrast	—	—	**Auto*** Light Dark	Changes the lightness or darkness of faxes you send.	35
Speed Dial	**Search**	—	Alphabetical Order Numerical Order	You can dial by pressing only a few keys (and Start).	57
	Set Speed Dial	—	—	Stores Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	59
	Setup Groups	—	—	Sets up a Group number for Broadcasting.	62
Outgoing Call	**Make a phone call** **Send a fax** **Add to Speed Dial** **Delete**	—	—	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	58
Caller ID hist.	**Make a phone call** **Send a fax** **Add to Speed Dial** **Delete**	—	—	You can choose a number from the Caller ID history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	58
Broadcasting	**Add Number** **Speed Dial** **Complete**	—	—	You can send the same fax message to more than one fax number.	34
Delayed Fax	—	—	On **Off***	Sets the time of day in 24-hour format that the delayed faxes will be sent.	37
Batch TX	—	—	On **Off***	Combines delayed faxes to the same fax number at the same time of day into one transmission.	37
Real Time TX	—	—	On **Off***	You can send a fax without using the memory.	36

The factory settings are shown in Bold with an asterisk.

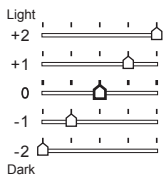
C

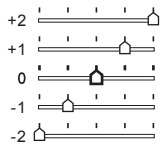
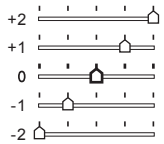
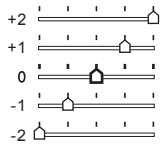
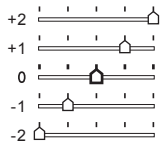
Level1	Level2	Level3	Options	Descriptions	Page
Polled TX	—	—	On **Off***	Sets up your machine with an document to be retrieved by another fax machine.	83
Polling RX	—	—	On **Off***	Sets up your machine to poll another fax machine.	82
Overseas Mode	—	—	On **Off***	If you are having difficulty sending faxes overseas, set this to On.	37
Scan Size	—	—	A4 **Letter***	Adjust the scan area of the scanner glass to the size of the document.	33
Set New Default	—	—	Yes No	You can save your fax settings.	38
Factory Reset	—	—	Yes No	You can restore all settings to the factory settings.	38
	The factory settings are shown in Bold with an asterisk.				

Scan ( )

Level1	Option1	Option2	Option3	Descriptions	Page
Scan to E-mail	—	—	—	You can scan ablack & white or acolor document into your E-mail application.	See *Software User's Guide on the CD-ROM*
Scan to Image	—	—	—	You can scan acolor picture into your graphics application.	
Scan to OCR	—	—	—	You can have your text document converted to an editable text file.	
Scan to File	—	—	—	You can scan a black & white or a color document into your computer.	
Scan to Media (when a memory card or USB Flash memory drive is inserted)	**150dpi Color***	**PDF***/JPEG	(File Name)	You can choose the scan resolution, file format and enter a file name for your document.	108
	300dpi Color	**PDF***/JPEG	XXXXXXXX		
	600dpi Color	**PDF***/JPEG			
	200x100dpi B/W	**TIFF***/PDF			
	200dpi B/W	**TIFF***/PDF			
	The factory settings are shown in Bold with an asterisk.				

Copy ( )

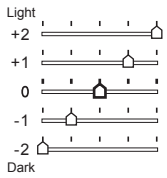
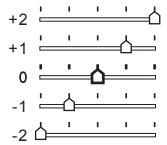
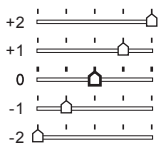
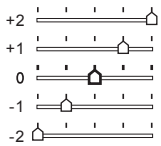
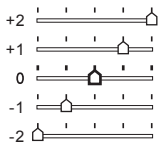
Level1	Level2	Level3	Options	Descriptions	Page
Quality	—	—	Fast **Normal*** Best	Choose the Copy resolution for your type of document.	87
Enlarge/Reduce	—	—	50% 69% A4→A5 78% LGL→LTR 83% LGL→A4 93% A4→LTR 97% LTR→A4 **100%*** 104% EXE→LTR 142% A5→A4 186% 4"x6"→LTR 198% 4"x6"→A4 200% Custom(25-400%)	You can choose the enlargement or reduction ratio for your type of document.	87
Paper Type	—	—	**Plain Paper*** Inkjet Paper Brother Photo Other Photo Transparency	Choose the paper type that matches the paper in the tray.	90
Paper Size	—	—	**Letter*** Legal A4 A5 4"x6"	Choose the paper size that matches the paper in the tray.	90
Brightness	—	—		Adjusts the brightness of copies.	89
			The factory settings are shown in Bold with an asterisk.		

Level1	Level2	Level3	Options	Descriptions	Page
Contrast	—	—		Adjusts the contrast of copies.	90
RED Adjust		—		Adjusts the amount of Red in copies.	90
GREEN Adjust		—		Adjusts the amount of Green in copies.	
BLUE Adjust		—		Adjusts the amount of Blue in copies.	
Stack/Sort	—	—	**Stack*** Sort	You can choose to stack or sort multiple copies.	89
Page Layout	—	—	**Off(1in1)*** 2in1(P) 2in1(L) 4in1(P) 4in1(L) Poster(3x3)	You can make N in 1 or Poster copies.	88
Set New Defau lt	—	—	Yes No	You can save your copy settings.	91
Factory Reset	—	—	Yes No	You can restore all settings to the factory settings.	91
The factory settings are shown in Bold with an asterisk.					

PhotoCapture ( )

Level1	Level2	Level3	Options	Descriptions	Page
View Photo(s)	—	—	See the print settings in the following table.	You can preview your photos on the LCD.	97
Print Index	Paper Type	—	**Plain Paper*** Inkjet Paper Brother Photo Other Photo	You can print a thumbnail page.	98
	Paper Size	—	**Letter*** A4		
Print Photos	—	—	See the print settings in the following table.	You can print an individual image.	98
Photo Effects	Auto Correct Enhance Skin-Tone Enhance Scenery Remove Red-Eye Monochrome Sepia	—		You can adjust your photos with these settings.	99
Search by Date	—	—	—	You can search your photos from date.	101
Print All Photos	—	—	See the print settings in the following table.	You can print all photos in your memory card or USB Flash memory drive.	102
Slide show	—	—	—	The machine starts Slide Show of your photos.	102
Trimming	—	—	—	You can trim your photo and print a part of the image.	103

Print Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Print Quality	Normal **Photo***	—	—	Choose the print quality.	105
Paper Type	Plain Paper Inkjet Paper Brother Photo **Other Photo***	—	—	Choose the paper type.	105
Paper Size	Letter **4"x 6"*** 5"x 7" A4	(When A4 or Letter is chosen) 4"x 3" 5"x 3.5" 6"x 4" 7"x 5" 8"x 6" **Max. Size***	—	Choose the paper and print size.	105
Brightness (Does not appear when Photo Effects is chosen.)		—	—	Adjusts the brightness.	106
Contrast (Does not appear when Photo Effects is chosen.)		—	—	Adjusts the contrast.	106
True2Life (Does not appear when Photo Effects is chosen.)	On **Off***	White Balance		Adjusts the hue of the white areas.	106
		Sharpness		Enhances the detail of the image.	
		Color Density		Adjusts the total amount of color in the image.	
	The factory settings are shown in Bold with an asterisk.				

Option1	Option2	Option3	Option4	Descriptions	Page
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.	107
Borderless	**On*** Off	—	—	Expands the printable area to fit the edges of the paper.	107
Set New Default	Yes No	—	—	You can save your print settings.	107
Factory Reset	Yes No	—	—	You can restore all the settings to factory settings.	107
	The factory settings are shown in Bold with an asterisk.				

Entering Text

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

By pressing the proper dial pad key repeatedly, you can access the character you want.

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

Putting spaces

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

Making corrections

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

Repeating letters

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

Special characters and symbols

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

Press ✳	for	(space) ! " # $ % & ' ( ) ✳ + , - . / €
Press **#**	for	: ; < = > ? @ [ ] ^ _
Press **0**	for	É À È Ê Î Ç Ë Ö 0

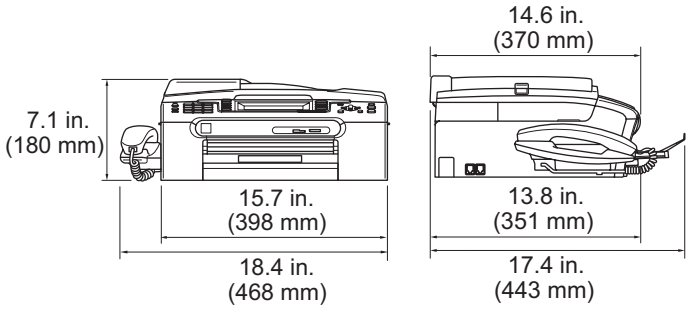
D Specifications

General

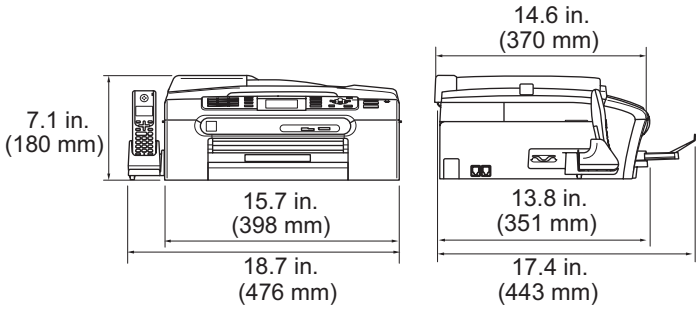
Memory Capacity	32 MB	
ADF (automatic document feeder)	For best results we recommend:	
	Up to 10 pages	
	Temperature: 68° F - 86° F (20° C - 30° C)	
	Humidity: 50% - 70%	
	Paper: [20 lb (80 g/m^2)] A4 or Letter size	
Paper Tray	100 Sheets [20 lb (80 g/m^2)]	
Printer Type	Ink Jet	
Print Method	Black:	Piezo with 94 × 1 nozzle
	Color:	Piezo with 94 × 3 nozzles
LCD (liquid crystal display)	(MFC-685CW) 3.3 in. (83.8 mm) Color LCD	
	(MFC-885CW) 4.2 in. (106.7 mm) Color LCD	
Power Source	AC 100 to 120 V 50/60 Hz	
Power Consumption	(MFC-685CW)	
	Off Mode:	Average 6 W
	Standby:	Average 7 W
	Operating:	Average 31 W
	(MFC-885CW)	
	Off Mode:	Average 6.5 W
	Standby:	Average 10 W
	Operating:	Average 35 W

Dimensions

(MFC-685CW)



(MFC-885CW)



Weight	MFC-685CW	18.5 lb (8.4 kg)
	MFC-885CW	19.2 lb (8.7 kg)
Noise	Operating:	50 dB or less [1]
Temperature	Operating:	50° F to 95° F (10 to 35° C)
	Best Print Quality:	68° F to 91° F (20 to 33° C)
Humidity	Operating:	20 to 80% (without condensation)
	Best Print Quality:	20 to 80% (without condensation)

[1] This depends on printing conditions.

Print media

Paper Input

Paper Tray

- Paper type:

  Plain paper, inkjet paper (coated paper), glossy paper [2], transparencies [1] [2] and envelopes

- Paper size:

  Letter, Legal, Executive, A4, A5, A6, JIS B5, envelopes (commercial No.10, DL, C5, Monarch, JE4), Photo 2L 5"×7", Index card and Post card [3].

  Width: 3.5 in. (89 mm) - 8.5 in. (216 mm)

  Height: 5.0 in. (127 mm) - 14.0 in. (356 mm)

  For more details, see *Paper weight, thickness and capacity* on page 14.

- Maximum paper tray capacity: Approx. 100 sheets of 20 lb (80 g/m^2) plain paper

Photo Bypass Tray (USA)
Photo Paper Tray (Canada)

- Paper type:

  Plain paper, inkjet paper (coated paper) and glossy paper [2]

- Paper size:

  Photo 4×6 in. and Photo L 3.5×5 in.

  Width: 3.5 in. (89 mm) - 4.0 in. (101.6 mm)

  Height: 5.0 in. (127 mm) - 6.0 in. (152.4 mm)

- Maximum paper tray capacity: Approx. 20 sheets

Paper Output

Up to 50 sheets of 20 lb (80 g/m^2) plain paper (face up print delivery to the output paper tray) [2]

[1] Use only transparencies recommended for inkjet printing.

[2] For glossy paper or transparencies, we recommend removing printed pages from the output paper tray immediately after they exit the machine to avoid smudging.

[3] See *Paper type and size for each operation* on page 13.

Fax

Compatibility	ITU-T Group 3	
Coding System	MH/MR/MMR/JPEG	
Modem Speed	Automatic Fallback	
	14400 bps	
Document Size	ADF Width: 5.8 in. to 8.5 in. (148 mm to 215.9 mm)	
	ADF Height: 5.8 in. to 14 in. (148 mm to 355.6 mm)	
	Scanner Glass Width: Max. 8.5 in. (215.9 mm)	
	Scanner Glass Height: Max. 11.7 in. (297 mm)	
Scanning Width	8.2 in. (208 mm)	
Printing Width	8.03 in. (204 mm)	
Gray Scale	256 levels	
Polling Types	Standard, Sequential: (Black only)	
Contrast Control	Automatic/Light/Dark	
	(manual setting)	
Resolution	■ Horizontal 203 dot/in. (8 dot/mm)	
	■ Vertical	
	Standard	
	98 line/in. (3.85 line/mm) (Monochrome)	
	196 line/in. (7.7 line/mm) (Color)	
	Fine	
	196 line/in. (7.7 line/mm) (Monochrome/Color)	
	Photo	
	196 line/in. (7.7 line/mm) (Monochrome)	
	Superfine	
	392 line/in. (15.4 line/mm) (Monochrome)	
Speed Dial	MFC-685CW	80 stations × 2 numbers
	MFC-885CW	100 stations × 2 numbers
Groups		Up to 6
Broadcasting [3]	MFC-685CW	210 stations
	MFC-885CW	250 stations
Automatic Redial		1 time after 5 minutes
Ring Delay		0, 1, 2, 3 or 4 rings
Communication Source		Public switched telephone network.

Memory Transmission	Up to 480 [1]/400 [2] pages
Out of Paper Reception	Up to 480 [1]/400 [2] pages

1 ‘Pages’ refers to the ‘Brother Standard Chart No. 1’ (a typical business letter, Standard resolution, MMR code). Specifications and printed materials are subject to change without prior notice.

2 ‘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.

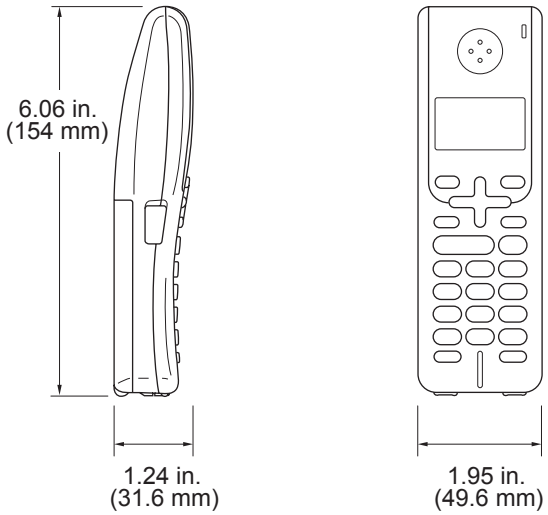
3 Black & White only

Message Center

Message Center	Yes
ICM Recording Time	Max. 29 minutes / Max. 99 messages (Max.180 secs / 1 message)
Toll Saver	Yes
Recording Conversation (MFC-685CW only)	Yes
OGM	Yes
OGM Recording Time	20 secs

Digital Cordless Handset (MFC-885CW only)

Cordless handsetCordless handset (BCL-D10)

Frequency	5.8 GHz
Technology	FHSS (Frequency Hopping Spread Spectrum)
Multi Handset Capability	Up to 4 handsets
Dimensions	
Weight (including battery)	5.43 oz (154 g)
LCD (liquid crystal display)	16-Digit, 3-Line (+1-Line for Pict), Backlit (Orange)
Charge Indicator	Yes (LED)
Full Charge Time	12 hours
While in Use (TALK)	4 hours [1] 6 hours [2]
While Not in Use (Standby)	200 hours

[1] When Voice Enhance is set to On.

[2] When Voice Enhance is set to Off.

Battery

Type	BCL-BT10
Rating	Ni-MH 3.6 V 730 mAh

Copy

Color/Black	Yes/Yes
Document Size	ADF Width: 5.8 in. to 8.5 in. (148 mm to 215.9 mm) ADF Height: 5.8 in. to 14 in. (148 mm to 355.6 mm) Scanner Glass Width: Max. 8.5 in. (215.9 mm) Scanner Glass Height: Max. 11.7 in. (297 mm) Copy Width: Max. 8.26 in. (210 mm)
Copy Speed	Black: Up to 22 pages/minute (Letter paper) [1] Color: Up to 20 pages/minute (Letter paper) [1]
Multiple Copies	Stacks/Sorts up to 99 pages
Enlarge/Reduce	25% to 400% (in increments of 1%)
Resolution	(Black & White) ■ Scans up to 600×1200 dpi ■ Prints up to 1200×1200 dpi (Color) ■ Scans up to 600×1200 dpi ■ Prints up to 600×1200 dpi

[1] Based on Brother standard pattern (Fast mode/Stack Copy). Copy speeds vary with the complexity of the document.

PhotoCapture Center®

Available Media [1]	CompactFlash® (Type I only) (Microdrive™ is not compatible) (Compact I/O cards such as Compact LAN card and Compact Modem card are not supported.) Memory Stick® Memory Stick Pro™ (Not available for music data with MagicGate™) Memory Stick Duo™ with adapter MultiMediaCard™ Secure Digital™ miniSD™ with adapter xD-Picture Card™ [2] USB Flash memory drive [3]
Resolution	Up to 1200 × 2400 dpi
File Extension (Media Format) (Image Format)	 DPOF, EXIF, DCF Photo Print:JPEG [4] Scan to Card:JPEG, PDF (Color) TIFF, PDF (Black)
Color Enhancement	True2Life®
Photo Enhance	Auto Correct, Enhance Skin-Tone, Enhance Scenery, Remove Red-Eye, Monochrome and Sepia
Number of Files	Up to 999 files (The folder inside memory cards or USB Flash memory drive is also counted)
Folder	File must be in the 4th folder level of the memory card or USB Flash memory drive.
Borderless	Letter, A4, Photo 4" × 6", Photo 5" × 7" [5]

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

2 xD-Picture Card™ Conventional Card from 16MB to 512MB
xD-Picture Card™ Type M from 256MB to 2GB
xD-Picture Card™ Type H from 256MB to 2GB

3 USB 2.0 Standard
USB Mass Storage standard from 16 MB to 8 GB
Support format: FAT12/FAT16/FAT32

4 Progressive JPEG format is not supported.

5 See *Paper type and size for each operation* on page 13.

PictBridge

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

Scanner

Color/Black	Yes/Yes
TWAIN Compliant	Yes (Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™)
	Mac OS® X 10.2.4 or greater
WIA Compliant	Yes (Windows® XP [1]/Windows Vista™)
Color Depth	36 bit color Processing (Input)
	24 bit color Processing (Output)
	(Actual Input: 30 bit color/Actual Output: 24 bit color)
Resolution	Up to 19200 × 19200 dpi (interpolated) [2]
	Up to 600 × 2400 dpi (optical)
Scanning Speed	Black: Up to 3.59 sec.
	Color: Up to 5.66 sec.
	(Letter size at 100 × 100 dpi)
Document Size	ADF Width: 5.8 in. to 8.5 in. (148 mm to 215.9 mm)
	ADF Height: 5.8 in. to 14 in. (148 mm to 355.6 mm)
	Scanner Glass Width: Max. 8.5 in. (215.9 mm)
	Scanner Glass Height: Max. 11.7 in. (297 mm)
Scanning Width	8.26 in. (210 mm)
Gray Scale	256 levels

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

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

Printer

Printer Driver	Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™ driver supporting Brother Native Compression mode
	Mac OS® X 10.2.4 or greater : Brother Ink Driver
Resolution	Up to 1200 × 6000 dpi [1]
	1200 × 2400 dpi
	1200 × 1200 dpi
	600 × 600 dpi
	600 × 300 dpi
	600 × 150 dpi
Print Speed	Up to 30 pages/minute (Black) [2]
	Up to 25 pages/minute (Color) [2]
Printing Width	8.26 in. [8.5 in. (borderless) [3]] [5]
	210 mm [216 mm (borderless) [3]] [5]
Disk-Based Fonts	35 TrueType
Borderless	Letter, A4, A6, Photo 4"×6", Index Card, Photo L 3.5"×5", Photo 2L 5"×7", Post Card [4]

1 Output image quality varies based on many factors including, but not limited to input image resolution and quality and print media.

2 Based on Brother standard pattern.
Letter size in draft mode.

3 When you set the Borderless feature to On.

4 See *Paper type and size for each operation* on page 13.

5 When printing on letter size paper.

Interfaces

USB	A USB 2.0 interface cable that is no longer than 6 feet (2.0 m). [1] [2]
LAN cable [3]	Ethernet UTP cable category 5 or greater.
Wireless LAN	Your machine supports IEEE 802.11b/g wireless communication with your wireless LAN using Infrastructure mode or a wireless Peer-to-Peer connection in Ad-hoc Mode.

1 Your machine has a USB 2.0 Full-speed interface. This interface is compatible with USB 2.0 Hi-Speed; however, the maximum data transfer rate will be 12 Mbits/s. The machine can also be connected to a computer that has a USB 1.1 interface.

2 Third party USB ports are not supported for Macintosh®.

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

Computer requirements

SUPPORTED OPERATING SYSTEMS AND SOFTWARE FUNCTIONS						
Operating Systems		**Supported Functions**	**Interface**	**Minimum Processor**	**Recommended RAM**	**Required HARD Disk Space**
Windows® [1, 5]	2000 Professional	Printing, PC-FAX Send [4] Scanning, Removable Disk [3]	USB 10/100 BASE-TX Wireless 802.11 b/g	Intel® Pentium® II or AMD equivalent	256MB	480MB
	XP Home XP Professional					
	XP Professional x64 Edition			AMD Opteron™ AMD Athlon™ 64 Intel® Xeon™ with Intel® EM64T Intel® Pentium® 4 with Intel® EM64T	512MB	
	Vista™			1 GHz 32-bit (x86) or 64-bit (x64) processor	1GB	1.1GB
Mac® [6]	OS X 10.2.4 or greater	Printing, PC-FAX Send [4] Scanning, Removable Disk [3]	USB [2] 10/100 BASE-TX Wireless 802.11 b/g	PowerPC G4/G5, Intel® Core™ Solo/Duo PowerPC G3 350MHz	256MB	480MB

Conditions:

1 Microsoft® Internet Explorer 5.5 or greater.

2 Third party USB ports are not supported.

3 Removable disk is a function of PhotoCapture Center®.

4 PC Fax supports black and white faxing only.

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

6 Presto!® PageManager® on the CD-ROM supports Mac OS X 10.3.9 or higher. For Mac OS X 10.2.4-10.3.8 Presto!® PageManager® is available as a download from the Brother Solutions Center.

For the latest driver updates, visit www.brother.com.
All trademarks, brand and product names are 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 Cartridge	The first time you install the ink cartridges the machine will use extra ink to fill the ink delivery tubes. This is a one-time process that enables high quality printing. Afterward, replacement ink cartridges will print the specified number of pages. **Replacement Ink Cartridges** Standard Black - Approximately 500 pages at 5% coverage Yellow, Cyan and Magenta - Approximately 400 pages at 5% coverage ■ The above figures are based upon the following assumptions: ■ Continuous printing at a resolution of 600 × 600 dpi in normal mode after installing new ink cartridge; ■ The printing frequency; ■ The number of pages printed; ■ Periodic, automatic, print head assembly cleaning (Your machine will clean the print head assembly periodically. This process will use a small amount of ink); and, ■ Ink remaining in cartridge identified as ‘empty’ (It is necessary to leave a small amount of ink in the ink cartridge to prevent air from drying out and damaging the print head assembly).
Replacement Consumables	<Black> LC51BK, <Cyan> LC51C, <Magenta> LC51M, <Yellow> LC51Y

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 (BP61GL series) for high quality. Brilliant prints are made easier with Innobella™ Ink and paper.

Network (LAN)

LAN	You can connect your machine to a network for Network Printing, Network Scanning and PC Fax Send and PC Fax Receive [1] (Windows® only). Also included is Brother BRAdmin Light [2] Network Management software.
Support for	Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™
	Mac OS® X 10.2.4 or greater
	Ethernet 10/100 BASE-TX Auto Negotiation (Wired LAN)
	IEEE 802.11 b/g (Wireless LAN)
Protocols	TCP/IP
	ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), NetBIOS Name Resolution, WINS DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, FTP Server, mDNS, Web Services, TELNET, SNMP, TFTP, LLTD
Network Security	SSID/ESSID, 128 (104) / 64 (40) bit WEP, WPA/WPA2-PSK (TKIP/AES)
SecureEasySetup™	Yes (simple setup with your SecureEasySetup™-capable access point/router)
AOSS	Yes (simple setup with your AOSS-capable access point/router)

[1] See the Computer Requirements chart on page 186.

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

E Glossary

This is a comprehensive list of features and terms that appear in Brother manuals. Availability of these features depends on the model you purchased.

ADF (automatic document feeder)

The document can be placed in the ADF and scanned one page at a time automatically.

Auto Reduction

Reduces the size of incoming faxes.

Automatic Redial

A feature that enables your machine to redial the last fax number after five minutes if the fax did not go through because the line was busy.

Backup Print

Your machine prints a copy of every fax that is received and stored in memory.This is a safety feature so you will not lose messages during a power failure.

Batch Transmission

(Black and white faxes only) As a cost saving feature, all delayed faxes to the same fax number can be sent as one transmission.

Beeper Volume

Volume setting for the beep when you press a key or make an error.

Brightness

Changing the Brightness makes the whole image lighter or darker.

Broadcasting

The ability to send the same fax message to more than one location.

Caller ID

A service purchased from the telephone company that lets you see the number (or name) of the party calling you.

CNG tones

The special tones (beeps) sent by fax machines during automatic transmission to tell the receiving machine that a fax machine is calling.

Coding method

Method of coding the information contained in the document. All fax machines must use a minimum standard of Modified Huffman (MH). Your machine is capable of greater compression methods, Modified Read (MR), Modified Modified Read (MMR) and JPEG, if the receiving machine has the same capability.

Communication error (Comm. Error)

An error during fax sending or receiving, usually caused by line noise or static.

Compatibility group

The ability of one fax unit to communicate with another. Compatibility is assured between ITU-T Groups.

Contrast

Setting to compensate for dark or light documents, by making faxes or copies of dark documents lighter and light documents darker.

Delayed Fax

Sends your fax at a specified time later.

Distinctive Ring

A subscriber service purchased from the telephone company that gives you another telephone number on an existing telephone line. The Brother machine uses the new number to simulate a dedicated fax line.

Dual Access

Your machine can scan outgoing faxes or scheduled jobs into memory at the same time it is sending a fax from memory or receiving or printing an incoming fax.

Easy Receive

Enables your machine to respond to CNG tones if you interrupt a fax call by answering it.

ECM (Error Correction Mode)

Detects errors during fax transmission and resends the pages of the fax that had an error.

Extension telephone

A telephone using the same line as your fax but plugged into a separate wall jack.

External telephone

A telephone that is plugged into the EXT jack of your machine.

F/T Ring Time

The length of time that the Brother machine rings (when the Receive Mode setting is Fax/Tel) to notify you to pick up a voice call that it answered.

Fax Forwarding

Sends a fax received into the memory to another pre-programmed fax number.

Fax Receive Code

Press this code (✳ **5 1**) when you answer a fax call on an extension or external telephone.

Fax Storage

You can store received faxes in memory.

Fax tones

The signals sent by sending and receiving fax machines while communicating information.

Fax/Tel

You can receive faxes and telephone calls. Do not use this mode if you are using a telephone answering device (TAD).

Fine resolution

Resolution is 203 × 196 dpi. It is used for small print and graphs.

Gray Scale

The shades of gray available for copying, scanning and faxing photographs.

Group number

A combination of Speed Dial numbers that are stored in a Speed Dial location for Broadcasting.

Help list

A printout of the complete Menu table that you can use to program your machine when you do not have the User's Guide with you.

Fax Journal

Lists information about the last 200 incoming and outgoing faxes. TX means Transmit. RX means Receive.

Innobella™

Innobella™ is a range of genuine consumables offered by Brother.For best quality results Brother recommends Innobella™ Ink and Paper.

Journal Period

The pre-programmed time period between automatically printed Fax Journal Reports. You can print the Fax Journal on demand without interrupting the cycle.

LCD (liquid crystal display)

The display screen on the machine that shows interactive messages during On-Screen Programming and shows the date and time when the machine is idle.

Manual fax

Depending on your model, you can lift the handset, cordless handset, or handset of the external telephone or you can press **Hook** or **Speaker Phone** to hear the receiving fax machine answer before you press **Black Start** or **Color Start** to begin sending.

Menu mode

Programming mode for changing your machine's settings.

OCR (optical character recognition)

The bundled ScanSoft® PaperPort® SE with OCR or Presto!® PageManager® software application converts an image of text to text you can edit.

Out of Paper Reception

Receives faxes into the machine's memory when the machine is out of paper.

Overseas Mode

Makes temporary changes to the fax tones to accommodate noise and static on overseas telephone lines.

Paging

This feature enables your machine to call your pager when a fax is received into its memory. The machine will also page for voice messages.

Pause

Allows you to place a 3.5 second delay in the dialing sequence stored on Speed Dial numbers. Press **Redial/Pause** as many times as needed for longer pauses.

PhotoCapture Center®

Allows you to print digital photos from your digital camera at high resolution for photo quality printing.

Photo resolution (B&W only)

A resolution setting that uses varying shades of grayfor the best representation of photographs.

PictBridge

Allows you to print photos directly from your digital camera at high resolution for photo quality printing.

Polling

The process of a fax machine calling another fax machine to retrieve waiting fax messages.

Pulse (Canada only)

A form of rotary dialing on a telephone line.

Quick Dial List

A listing of names and numbers stored in Speed Dial memory, in numerical order.

Real Time Transmission

When memory is full, you can send faxes in real time.

Remaining jobs

You can check which jobs are waiting in memory and cancel jobs individually.

Remote Access Code

Your own four-digit code (---✳) that allows you to call and access your machine from a remote location.

Remote Retrieval Access

The ability to access your machine remotely from a touch tone telephone.

Resolution

The number of vertical and horizontal lines per inch. See: Standard, Fine, Super Fine and Photo.

Ring Delay

The number of rings before the machine answers in `Fax Only` and `Fax/Tel` modes.

Ring Volume

Volume setting for the machine's ring.

Scanning

The process of sending an electronic image of a paper document into your computer.

Scan to Media

You can scan a black & white or color document into a memory card or USB Flash memory drive. Black & white images can be in TIFF or PDF file format and color images can be in PDF or JPEG file format.

Search

An electronic, numerical or alphabetical listing of stored Speed Dial and Group numbers.

Speed Dial

A pre-programmed number for easy dialing. You must press **Speed Dial**, the two digit code, and **Black Start** or **Color Start** to start the dialing process.

Standard resolution

203 × 97 dpi. It is used for regular size text and quickest transmission.

Station ID

The stored information that appears on the top of faxed pages. It includes the sender's name and fax number.

Super Fine resolution (B&W

392 × 203 dpi. Best for very small print and line art.

TAD (telephone answering device)

You can connect an external device or answering machine to the EXT. jack of your machine.

Telephone Answer Code (For Fax/Tel mode only)

When the machine answers a voice call, it pseudo/double-rings. You can pick up at an extension telephone by pressing this code (**# 5 1**).

Temporary settings

You can choose certain options for each fax transmission and copy without changing the default settings.

Tone

A form of dialing on the telephone line used for Touch Tone telephones.

Transmission

The process of sending faxes over the phone lines from your machine to the receiving fax machine.

Transmission Verification Report

A listing for each fax sent, that shows its date, time and number.

True2Life®

Adjusts the color in the image for better print quality by improving sharpness, white balance and color density.

User Settings

A printed report that shows the current settings of the machine.

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EQUIPMENT ATTACHMENT LIMITATIONS
(Canada only)

NOTICE

This product meets the applicable Industry Canada technical specifications.

NOTICE

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

Brother International Corporation
100 Somerset Corporate Boulevard
P.O. Box 6911
Bridgewater, NJ 08807-0911 USA

Brother International Corporation (Canada) Ltd.
1 rue Hôtel de Ville,
Dollard-des-Ormeaux, QC, Canada H9B 3H6

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

These machines are made for use in the USA and Canada only. We cannot recommend using them overseas because it may violate the Telecommunications Regulations of that country and the power requirements of your multi-function center may not be compatible with the power available in foreign countries. **Using USA or Canada models overseas is at your own risk and may void your warranty**.

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