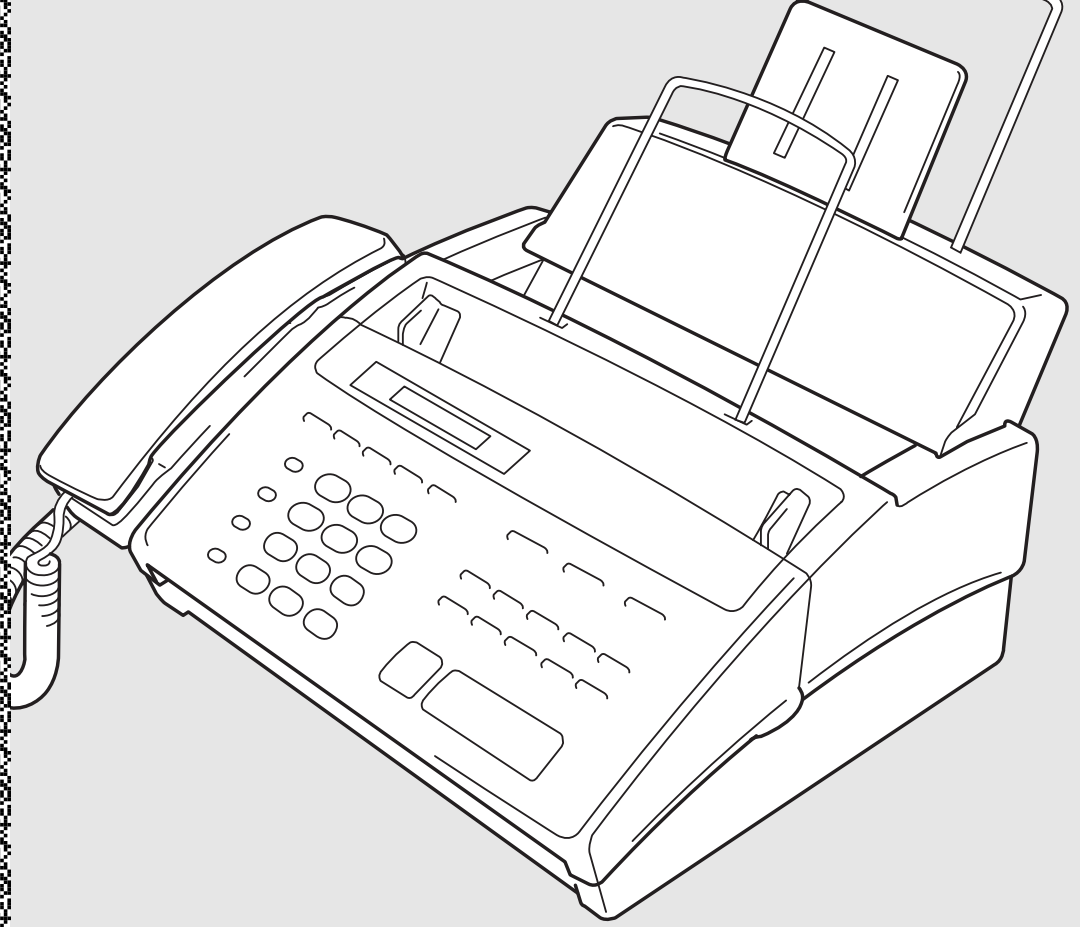


OWNER'S MANUAL



FAX 750 FAX 770

.....

brother

If You Need to Call Customer Service

Please complete the following information for future reference:

Model: FAX750 FAX770
(Circle your model number)

Serial Number:* _____

Date of Purchase: _____

Place of Purchase: _____

***The serial number is on the back of the unit. Retain this Quick-Start Manual with your *sales receipt* as a permanent record of your purchase, in the event of a theft, fire or warranty service.**

Year 2000 Compliant

Brother is addressing the Year 2000 related issues for all Brother fax machines and multi-function centers. Our focus is to ensure that our bundled third party software will continue to properly process date/time data after January 1, 2000.

Brother fax machines and multi-function centers will function properly after January 1, 2000, *provided that* all non-Brother hardware, software and firmware used by our customers in connection or combination with Brother fax machines, and bundled software, accurately exchange date data with the Brother products.

Please continue to check our Web page for updates at **<http://www.brother.com>**. All remedies will be provided to individual customers via software patches through software download or from Brother Customer Service.

Brother Numbers

Brother fax-back system

Brother Customer Service has installed an easy-to-use fax-back system, so you can get instant answers to common technical questions and product information for all Brother products. This system is available 24 hours a day, 7 days a week. You can use the system to send faxes to any fax machine, not just the one from which you are calling.

If you can't resolve difficulty with your fax machine using this manual, call our fax-back system, and follow the voice prompts to receive faxed instructions about using the system, and an index of fax-back subjects.

USA: 1-800-521-2846

From within Canada: 1-800-681-9838

The Brother fax-back system number (USA only) has been preprogrammed on One Touch key **1**.

Frequently Asked Questions (FAQs)

You can find more information about Brother products on the World Wide Web. From product specification sheets to Frequently Asked Questions (FAQs), it is all there. Visit us at:

<http://www.brother.com>

Brother Bulletin Board

Brother's Bulletin Board Numbers are

USA: 1-888-298-3616

From within Canada: 1-514-685-2040

For Customer Service

USA: 1-800-284-4329 (voice)

1-908-575-8790 (fax)

From within Canada: 1-800-853-6660 (voice)

1-514-685-4898 (fax)

From within Montreal: 1-514-685-6464 (voice)

Ordering Accessories and Supplies

For the best quality results use only genuine Brother accessories, available at most Brother retailers. If you cannot find the accessory you need and you have a Visa, MasterCard, Discover or American Express credit card, you can order accessories directly from Brother.

USA: 1-888-879-3232 (voice)
1-800-947-1445 (fax)

From within Canada: 1-800-668-2768 (voice)

DESCRIPTION	ITEM
Thermal Printing Cartridge	PC301
1-PK Refill Roll (For Canada Only)	PC300RF
2-PK Refill Rolls	PC302RF
4-PK Refill Rolls	PC304RF
Telephone Line Cord	Tell the Brother Representative your Model number so you get the appropriate color.
Telephone Handset	Tell the Brother Representative your Model number so you get the appropriate color.
Handset Curled Cord	Tell the Brother Representative your Model number so you get the appropriate color.
Paper Wire Extension	UF5607000
Document Support	UF9869001
Paper Support	UF9987001
Owner's Manual	UF9927001
Multi-Function Link/Missing Link Option	PCI-1
Surge Protection Device with Telephone Line Protection (2 outlets)	QPD 120
Surge Protection Device with Telephone Line Protection (8 outlets)	FX 120

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

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BROTHER FACSIMILE 90 DAY REPLACEMENT WARRANTY A LIMITED WARRANTY (For USA Only)

This warranty gives you certain rights and you may also have other rights that may vary from state to state.

This warranty is given only to the end-use purchaser of the accompanying product (referred to in this warranty as "this Product").

What is covered: Brother warrants to you for the Warranty Period that there are no defects in the materials, workmanship or Year 2000 compliance of this Product. The "Warranty Period" is 90 days from the date you purchased this product.

What is NOT covered: This warranty is VOID — that is, this Product has no warranty — if: (1) you did not purchase this Product from an authorized Brother reseller within the United States, (2) this Product has been serviced, modified or tampered with by anyone other than an Authorized Service Representative of Brother, (3) the serial number has been modified, defaced or removed from this Product, (4) this Product has been abused or damaged, or (5) non Brother®-brand or non Brother approved parts, supplies, or other accessories have been used with this Product.

What to do if you think your Product is defective:

Call our Customer Service Hotline at 1-800-284-4329, or if you suspect a defect in materials or workmanship in this Product, you can report it to a Brother Authorized Service Center. During the Warranty Period, supply Brother's representative with a copy of your dated bill of sale showing that this Product was purchased within the United States. For the name of your Brother Authorized Service Center, call 1-800-521-2846. After contacting the Brother Authorized Service Center, you may be required to deliver or send the Product properly packaged, freight prepaid, to the Authorized Service Center together with a photocopy of your bill of sale.

What Brother will do: Brother (or its Authorized Service Center) will evaluate your report of a possible defect to determine whether a defect exists, and if it does exist, Brother (or its Authorized Service Center) will repair or (at Brother's option) replace the Product with a product that performs the same functions and performs as well as the original Product. Brother reserves the right to supply refurbished or remanufactured replacement products provided that the replacement products conform to the manufacturer's specifications for new products. The repaired or replacement product will be returned to you at no cost.

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Exchange service will expedite, in most instances by the next business day, the exchange of your non working Product with a supply refurbished or remanufactured product that conform to the manufacturer's specifications for new products. The supply refurbished or remanufactured Product you receive will be covered by the balance of the limited warranty period remaining on the original Product, plus an additional thirty (30) days. You will keep the replacement Product that is sent to you and must return (or be billed up to the cost of a new product) your original non working product, which shall become the property of Brother. You must call Brother Customer Service and if the representative cannot correct the product's malfunction over the telephone and you elect the exchange service, you must provide information pertaining to this Product and you must also provide a valid major credit card number. Your credit card will be charged up to the cost of a new Product if: (i) you do not return your original Product to Brother within five (5) business days; (ii) the malfunctions of your original Product are not covered by the limited warranty; (iii) the proper packaging instructions are not followed and has caused damage to the product; or (iv) the warranty period on your original

BROTHER FACSIMILE 90 DAY REPLACEMENT WARRANTY A LIMITED WARRANTY (For USA Only)

Product has expired or has not been sufficiently validated with a copy of the proof of purchase (bill of sale). The Brother Customer Service Representative will ship the exchange Product with return instructions and prepaid return airbill. Follow the return instructions. You must return the original Product in the same shipping carton in which the exchanged Product was received and include a copy of proof of purchase (bill of sale). Retain your original accessory items and a copy of the return airbill, signed by the courier.

Limitations:

Repair or replacement as described above is your sole and exclusive (that is, your only) remedy if this Product is defective. Brother is not responsible for damage to or loss of any equipment, media, programs or data related to the use of this Product. Except for that repair or replacement, *Brother shall not be liable for any direct, indirect, incidental or consequential damages or specific relief. Because some states do not allow the exclusion or limitation of consequential or incidental damages, the above limitation may not apply to you.*

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, WHETHER EXPRESSED BY AFFIRMATION, PROMISE, DESCRIPTION, DRAWING, MODEL OR SAMPLE. ANY AND ALL WARRANTIES OTHER THAN THIS ONE, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED.

This Limited Warranty is the only warranty that Brother is giving for this Product. It is the *final expression and the exclusive and only statement* of Brother's obligations to you. It replaces all other agreements and understandings that you may have with Brother or its representatives.

This Limited Warranty (and Brother's obligation to you) may not be changed in any way unless you and Brother sign the same piece of paper in which we (1) refer to this Product and your bill of sale date, (2) describe the change to this warranty and (3) agree to make that change.

Product Support: Toll-free customer service and technical support is available for hardware operational assistance at 1-800-284-4329. At any time, free technical support in the form of Frequently Asked Questions, troubleshooting tips and service center locator is available through our fax back system at 1-800-521-2846 or Brother's Internet Web Site (www.brother.com).

**BROTHER INTERNATIONAL CORPORATION
100 SOMERSET CORPORATE BLVD.
BRIDGEWATER, NEW JERSEY 08807-0911**

Please record your model and serial number and your date and location of Purchase below for your records. Keep this information with your proof of purchase (bill of sale) in case your Product is lost, stolen or requires service.

Model # _____
Serial # _____
Date of purchase: _____
Store where purchased: _____
Location of store: _____

Important: We recommend that you keep all original packing materials, in the event that you ship this product.

BROTHER MULTIFUNCTION CENTER/FACSIMILE MACHINE LIMITED WARRANTY (For Canada Only)

Pursuant to this limited warranty of 1 year from the date of purchase for labour and parts, Brother International Corporation (Canada) Ltd. ("Brother"), or its Authorized Service Centers, will repair this MFC/Facsimile machine free of charge if defective in material or workmanship. This Limited Warranty does not include cleaning, consumables (including, without limitation, print cartridges, print head, toner and drum) or damage caused by accident, neglect, misuse or improper installation or operation, any damage caused from service, maintenance, modifications, or tampering by anyone other than a Brother Authorized Service Representative, or from the use of supplies or consumable items that are non-Brother products. Operation of the MFC/Facsimile machine in excess of the specifications or with the Serial Number or Rating Label removed shall be deemed abuse and all repairs thereafter shall be the sole liability of the end-user/purchaser. In order to obtain warranty service, the MFC/Facsimile machine must be delivered or shipped freight prepaid by the end user/purchaser to a "Brother" Authorized Service Center, together with your Proof of Purchase in the form of a Sales Receipt.

For laser products: Failure to remove the Toner Cartridge (and Toner Drum Unit on applicable models) during shipping will cause severe damage to the MFC/Facsimile and will VOID the Warranty. (Refer to your Operation Manual for proper packaging.)

For ink-jet products: Do not remove the ink cartridges during shipping. Damage to your print head resulting from packing without the ink cartridges will VOID your warranty. (Refer to your Operation Manual for proper packaging.)

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

Warranty Service is available at Brother Authorized Service Centers throughout Canada. For Technical Support or for the name and location of your nearest Authorized Service Center call 1-800-853-6660. Within Montreal, please call 685-6464. Internet support: support@brother.ca or browse Brother's Web Site: www.brother.com

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

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1 Introduction

Using This Manual

Thank you for purchasing a Brother fax machine (FAX). This fax machine has been designed to be simple to use, with LCD screen prompts to guide you through functions. However, you can use your fax machine to its fullest potential by taking a few minutes to read this manual.



Additionally, your fax machine has a Help Key. Press **Help/Q.Scan** to print a list of basic operational steps and functions.

Finding Information

All chapter headings and subheadings are listed in the Table of Contents. You will be able to find information about a specific feature or function by checking the Index at the back of this manual. Also, throughout this manual, you'll see special symbols alerting you to important information, cross-references, and warnings. Illustrations of some screen displays also help you choose the correct key-presses.

About Fax Machines

If you're a first-time fax machine user, fax operation might seem a little mysterious. You'll soon get used to the unusual fax tones on your phone line, and be able to send and receive faxes easily.

Fax Tones and Handshake

When someone is sending a fax, the fax machine sends fax calling tones (CNG tones)—soft, intermittent beeps at 4-second intervals. You'll hear them when you dial and press **[Start]**, and they continue for about 40 seconds after dialing. During that time, the sending machine must begin the “handshake” with the receiving machine. Each time you use automatic procedures to send a fax, you are sending CNG tones over the phone line. You'll soon learn to listen for these soft beeps each time you answer a phone on your fax line, so you know if you are receiving a fax message.

The receiving fax responds with fax receiving tones—loud, chirping sounds. A receiving fax chirps for about 40 seconds over the phone line, and the screen displays **RECEIVE**. If your fax machine is set to the **FAX ONLY Mode**, it will answer every call automatically with fax receiving tones. Even if the other party hangs up, your fax machine continues to send the “chirps” for about 40 seconds, and the screen continues to display “**RECEIVE**.” To cancel the receiving mode, press **[Stop]**.

When your fax machine answers in **FAX/TEL Mode**, the fax machine listens for CNG tones and then responds with receiving tones.

The fax “handshake” is the time in which the sending machine's CNG tones and the receiving machines “chirps” overlap. This must be for at least 2 to 4 seconds, so the machines can understand how each is sending and receiving the fax. The handshake cannot begin until the call is answered, and the CNG tones only last for about 40 seconds after the number is dialed. Therefore, it's important for the receiving machine to answer the call in as few rings as possible.



When you have an external telephone answering device (TAD) on your fax line, your TAD will determine the number of rings before the call is answered. Pay special attention to the directions in the **Installation** chapter for connecting a TAD to your fax machine.

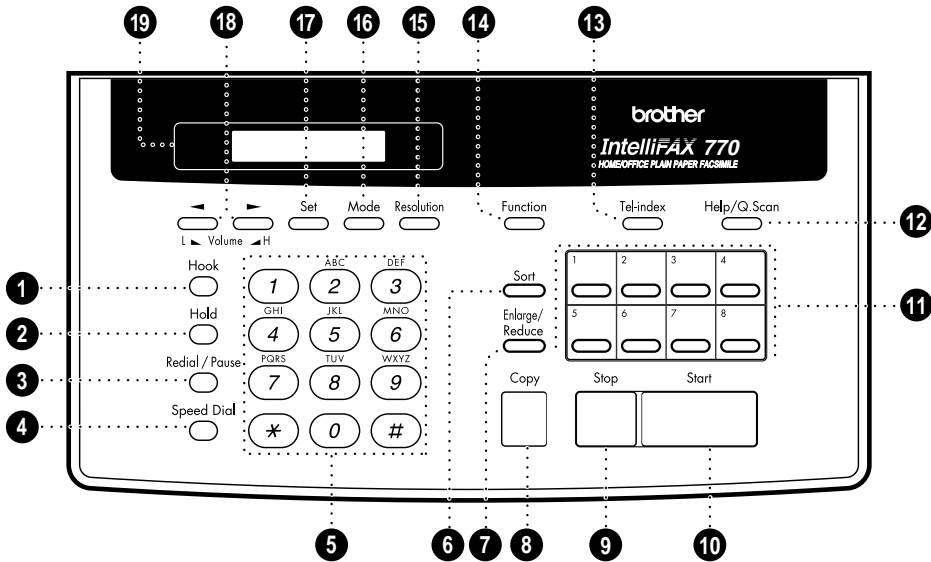
ECM (Error Correction Mode)

The Error Correction Mode (ECM) is a way for the fax machine to check the integrity of a fax transmission while it is in progress. ECM transmissions are possible only between machines that both have the ECM feature. If they do, you may send and receive fax messages that are continuously checked for their integrity.

Sufficient memory must be available in your fax machine for this feature to work.

Control Panel Overview

FAX 750 and FAX 770



- 1 Hook**
Lets you dial telephone and fax numbers without lifting the handset.
- 2 Hold**
Lets you put calls on hold.
- 3 Redial / Pause**
Re-dials the last number called. Also inserts a pause in autodial numbers.
- 4 Speed Dial**
Lets you dial stored phone numbers by pressing a two-digit number.
- 5 Dial Pad**
Dials phone and fax numbers, and can be used as a keyboard for entering information into the fax machine.
- 6 Sort**
Use this key when you want multiple copies of a multiple page original copied in order.
- 7 Enlarge/Reduce**
Use this key to enlarge or reduce copies depending on the ratio you select: 150%, 125%, 120%, 100%, 93%, 87%, 75% or 50%. To reduce the image size automatically, select AUTO.
- 8 Copy**
Makes a copy.
- 9 Stop**
Stops a fax, cancels an operation or exits from function mode.
- 10 Start**
Starts an operation, such as sending a fax.
- 11 One Touch Dial Keys**
These eight keys give you instant access to previously stored phone numbers.
- 12 Help/Q. Scan**
Prints a quick reference Help List. Also, lets you take advantage of memory transmission.
- 13 Tel-index**
Lets you look up numbers stored in the dialing memory.
- 14 Function**
Lets you access the function and programming mode.
- 15 Resolution**
Sets the resolution when you send a fax or make a copy.
- 16 Mode**
Use to select how fax machine will handle incoming calls.
- 17 Set**
Stores a function setting into the fax machine.
- 18 ◀ (Left Arrow) ▶ (Right Arrow)**
Volume
Moves the LCD cursor to the left or right. Adjusts speaker, ring and handset volume.
- 19 Liquid Crystal Display**
Displays messages to help you set up and operate your fax machine.

Location and Connections

Caution

- 1 Never install telephone wiring during a lightning storm.
- 2 We recommend that this product be used with a surge protection device to protect the product against lightning storms.
- 3 Never install a telephone jack in a wet location unless the jack is specifically designed for a wet location.
- 4 Never touch telephone wires or terminals that are not insulated unless the telephone line has been disconnected at the network interface.
- 5 Use caution when installing or modifying telephone lines.
- 6 Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- 7 Do not use the telephone to report a gas leak in the vicinity of the leak.
- 8 For PLUGGABLE EQUIPMENT, the socket-outlet should be installed near the equipment and should be easily accessible.

Choosing a Location

Place your fax machine on a flat, stable surface, such as a desk. Select a place that is free of vibration and shocks. Locate the fax machine near a telephone jack and a standard, grounded power outlet.

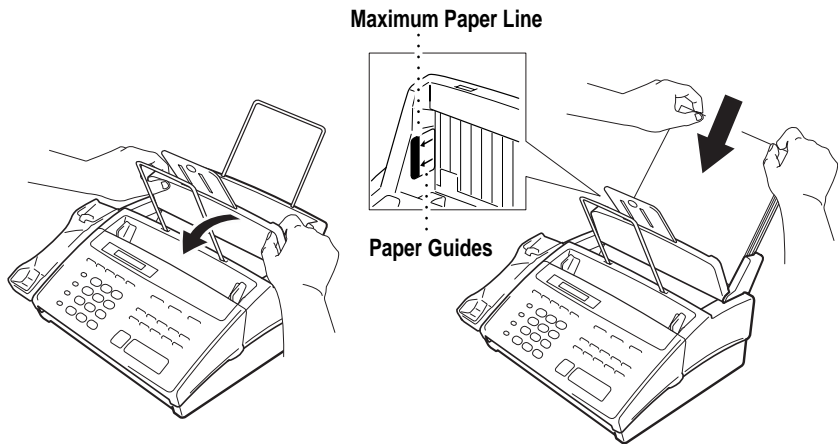


Avoid placing your machine in a high-traffic area. Do not place near heaters, air conditioners, water, chemicals or refrigerators. Do not expose the fax machine to direct sunlight, excessive heat, moisture or dust. Do not connect your machine to electrical outlets controlled by wall switches or automatic timers. Disruption of power can wipe out information in the unit'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 cordless phones.

Load the Paper

The paper cassette can hold about 100 sheets of 20-lb. paper.

- 1 Open the paper cover.
- 2 Place up to 100 sheets of paper in the paper holder. Do not allow the level of paper to pass maximum paper line on the paper guides.
- 3 Close the paper cover.



Acceptable Paper

Size: Letter, Legal and A4

Weight: 17 lb. – 24 lb.

Thickness: .0031 inches – .0039 inches

Connections



Connecting the Power Cord

When you connect the power, the screen displays 01/01 00:00 FAX.

NOTICE:

- 1) This fax must be grounded using a three-prong plug.
- 2) Since the fax machine is grounded through the power outlet, you can protect yourself from potentially hazardous electrical conditions on the telephone network by keeping the power to your machine on when you connect it to a telephone line. Similarly, you can protect yourself when you want to move your machine, by disconnecting the telephone line first, and then the power cord.
- 3) Lightning and power surges can damage this product! We recommend that you use a quality surge protection device on the AC power line as well as on the telephone line, or unplug the telephone line and electrical cords during a lightning storm.

Connecting the Telephone Line

Connect one end of the telephone line cord to the jack labeled **LINE** on the left side of the fax machine. Connect the other end to a modular wall jack.

Special Line Considerations

Roll Over Phone Lines

A roll over phone system is a group of two or more separate telephone lines that pass incoming calls to each other if they are busy. The calls are usually passed down or “rolled over” to the next available phone line in a preset order.

Your fax machine can work in a roll over system as long as it is the last number in the sequence, so the call cannot roll away. Do not put the fax machine on any of the other numbers; when the other lines are busy and a second fax call is received, the fax call is transferred to a line that does not have a fax machine. Your fax machine will work best on a dedicated line.

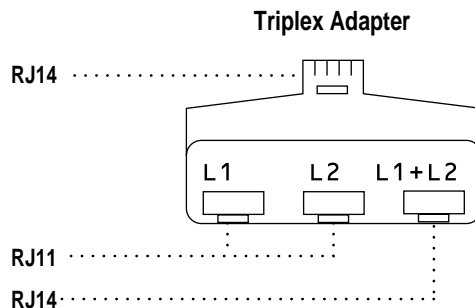
Two-Line Phone System

A two-line phone system is nothing more than two separate phone numbers on the same wall outlet. The two phone numbers can be on separate jacks (RJ11) or combined into one jack (RJ14). Your machine must be plugged into an RJ11 jack. RJ11 and RJ14 jacks may be equal in size and appearance and both may contain four wires (black, red, green, yellow). To test the type of jack, plug in a two-line phone and see if it can access both lines. If it can, you must separate the line for your machine.

Converting Telephone Wall Outlets

There are three ways to convert to an RJ11 receptacle. The first two ways may require assistance from the telephone company. You can change the wall outlets from one RJ14 jack to two RJ11 jacks. Or, you can have an RJ11 wall outlet installed and slave or jump one of the phone numbers to it.

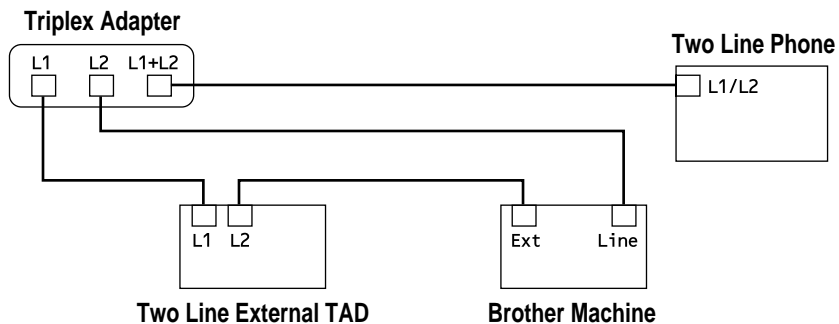
The third way is the easiest: Buy a triplex adapter. You can plug a triplex adapter into an RJ14 outlet. It separates the wires into two separate RJ11 jacks (Line 1, Line 2) and a third RJ14 jack (Lines 1 and 2). If your Brother machine is on Line 1, plug the machine into L1 of the triplex adapter. If your machine is on Line 2, plug it into L2 of the triplex adapter.



Installing Brother Machine, External Two-Line TAD, and Two-Line Telephone

When you are installing an **external** two-line telephone answering device (TAD) and a two-line telephone, your machine must be isolated on one line at both the wall jack and at the TAD. *The most common connection is to put the Brother machine on Line 2, which is our assumption in the following steps.* The back of the two-line TAD must have two telephone jacks: one labeled L1 or L1/L2, and the other labeled L2. You will need at least three telephone line cords, the one that came with your machine and two for your external two-line TAD. You will need a fourth line cord if you add a two-line telephone.

- 1 Place the two-line TAD and two-line telephone next to your Brother machine.
- 2 Plug one end of the telephone line cord for your machine into the L2 jack of the triplex adapter. Plug the other end into the **LINE** jack on the left side of the machine.
- 3 Plug one end of the first telephone line cord for your TAD into the L1 jack of the triplex adapter. Plug the other end into the L1 or L1/L2 jack of the two-line TAD.
- 4 Plug one end of the second telephone line cord for your TAD into the L2 jack of the two-line TAD. Plug the other end into the **EXT.** jack on the left side of the machine.



You can keep two-line telephones on other wall outlets as always. There are two ways to add a two-line telephone to the fax machine's wall outlet. You can plug the telephone line cord from the two-line telephone into the L1+L2 jack of the triplex adapter. Or, you can plug the two-line telephone into the TEL jack of the two-line TAD.

Multi-Line Connections (PBX)

Most offices use a central telephone system. While it is often relatively simple to connect the fax machine to a key system or a PBX (Private Branch Exchange), we suggest that you contact the company that installed your telephone system and ask them to connect the fax machine for you. It is advisable to have a separate line for the fax machine. You can then leave the fax machine in FAX ONLY Mode to receive faxes any time of day or night.

*See
Easy Receive
p. 24*



If the fax machine is to be connected to a multi-line system, ask your installer to connect the unit to the last line on the system. This prevents the unit from being activated each time a telephone call is received.

As with all fax units, this machine must be connected to a two wire system. If your line has more than two wires, proper connection of the fax machine cannot be made.

If you are installing the fax machine to work with a PBX:

- 1** It is not guaranteed that the unit will operate correctly under all circumstances with a PBX. Any cases of difficulty should be reported first to the company that handles your PBX.
- 2** If all incoming calls will be answered by a switchboard operator, it is recommended that the Answer Mode be set to MANUAL. All incoming calls should initially be regarded as telephone calls.
- 3** The unit may be used with either pulse or tone dialing telephone service.

Custom Features on Your Phone Line

To learn how custom features may affect your faxing operations, please refer to the Troubleshooting chapter, p. 52.

Connecting an External Telephone Answering Device (TAD)

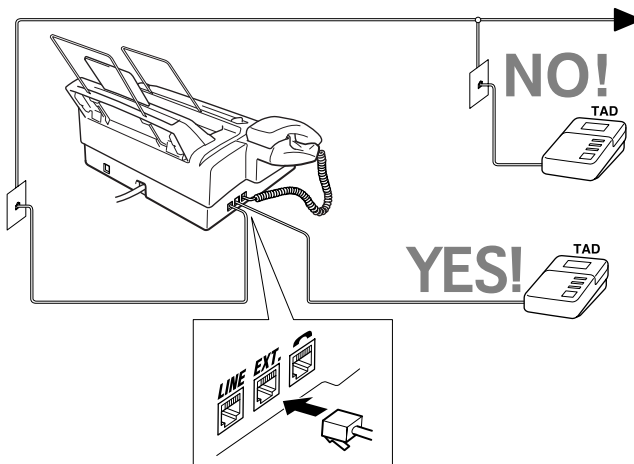
Sequence

You might choose to connect an additional answering system. When you have an **external** TAD on the same telephone line as the fax machine, the TAD answers all calls. The fax machine “listens” for fax calling (CNG) tones. If it hears them, the fax machine takes over the call and receives the fax. If it doesn’t hear CNG tones, the fax machine lets the TAD continue playing your outgoing message so your caller can leave you a voice message.

The TAD must answer within four rings (the recommended setting is two rings). The fax machine cannot hear CNG tones until the TAD has answered the call, and with four rings there are only 8–10 seconds of CNG tones left for the fax “handshake.” Make sure you carefully follow instructions in this manual for recording your outgoing message. We do not recommend using the toll saver feature on your external answering machine if it exceeds 4 rings.



Do not connect a TAD elsewhere on the same phone line—your fax machine and TAD will both try to control the line.



Connections

The external TAD must be plugged into the left side of the fax machine, into the jack labeled EXT. Your fax machine cannot work properly if you plug the TAD into a wall jack.

- 1 Plug the telephone line cord from the wall jack into the left side of the fax machine, in the jack labeled LINE.
- 2 Plug the telephone line cord from your TAD into the left side of the fax machine, in the jack labeled EXT. (Make sure this cord is connected to the TAD at the TAD's telephone line jack (not to telephone set jack).)
- 3 Set your external TAD to four rings or less. (The fax machine's Ring Delay setting does not apply).
- 4 Record the outgoing message (see below).
- 5 Set the TAD to answer calls.
- 6 Set the Answer Mode to TAD:ANSWER MACH.

Outgoing Message (OGM)

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

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

Connecting an External Telephone

Your fax machine is equipped with a handset that you can use as a regular phone. However, you can also connect a separate telephone (or telephone answering device) directly to your fax machine.

Connect the modular plug on the telephone's line cord to the jack labeled EXT. on the left side of the fax machine.

Whenever this phone (or TAD) is in use, the screen displays EXT. TEL IN USE, and, if the fax machine handset is lifted, an alarm sounds. To disconnect the call and switch to the fax machine, press Hook.

On-Screen Programming

User-Friendly Programming

*See
Using This
Manual
p. 1*

We have designed your fax machine with on-screen programming and a Help key. User-friendly programming helps you take full advantage of all the functions your fax machine has to offer.

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

Function Mode

You can access the function mode by pressing **[Function]**. When you enter the function mode, your fax machine displays a list of main menu options from which you can choose. These options appear one after the other on the display. Select an option by pressing **[Set]** when the option appears on the screen.

You can “scroll” more quickly through options by pressing **[▶]**. When the screen displays your selection, press **[Set]**. (Use **[◀]** to scroll backward if you passed your choice or to save key strokes. Both arrow keys show all options, in the opposite order.)

Before you press **[Set]** after entering information in a field using the dial pad, you can correct a mistake. Use **[◀]** to back up and then type over the incorrect characters.

When you finish a function, the screen displays ACCEPTED.

If you want to exit the Function Mode, press **[Stop]**.



Alternating Displays

When you see alternating displays, the LCD sometimes alternates between the currently selected option, and a help message giving brief instructions about how to proceed. The display you'll probably see most often is shown below, showing you, when you place a document in the feeder, that you can dial a number and send a fax, or you can make a copy.



Function Selection Table

If you have a basic understanding of how to program your fax machine, you can perform most of the programming settings without the Owner's Manual. To help you understand the function selections, options, and settings that are found in your fax programs, use the Function Selection Table below.

1. INITIAL SETUP			
Function	Description	Factory Set	More Info
1. DATE/TIME	Enter date and time for LCD display and to print on transmissions.	2000 1/1 00:00	pp. 16
2. STATION ID	Program name, fax number and telephone number to appear on each transmitted page.	—	p. 16, 17
3. BEEPER	Adjust volume level of beeper.	LOW	p. 19
4. VOLUME AMPLIFY	For the hearing-impaired, you can set the volume to AMPLIFY:ON, or either a permanent or temporary basis.	OFF	p. 20
5. TONE/PULSE (For Canada Only)	Selects dialing mode.	TONE	p. 17

2. SETUP RECEIVE			
Function	Description	Factory Set	More Info
1. RING DELAY	Number of rings before fax machine answers in FAX/TEL or FAX mode.	RING DELAY: 04	p. 23
2. F/T RING TIME	Sets the time for “double ring” in FAX/TEL mode.	20	pp. 23, 24
3. EASY RECEIVE	Receive fax messages without pressing the Start key.	ON	p. 24
4. REMOTE CODE	Enter code to activate or deactivate machine from a remote location.	ON (*51, #51)	pp. 26, 27
5. REDUCTION	Reduces size of image.	AUTO	pp. 24, 25
6. PAPER	Selects size of paper for fax receiving.	LETTER	p. 25
7. POLLING RX	Sets up your fax machine to poll another fax machine.	OFF	p. 27
8. MF LINK (only available if you have purchased Multi-Function Link option)	Fax Receive Only/PC Primary/PC Receive Only.	PC Primary	p. 60

3. SETUP SEND			
Function	Description	Factory Set	More Info
1. COVERPG SETUP	Automatically sends a cover page you program.	OFF	p. 38
2. COVERPAGE MSG	Program customized message for fax cover page.	—	p. 38
3. CONTRAST	Change lightness or darkness of a fax you are sending.	AUTO	p. 34
4. RESOLUTION	Allows you to change resolutions page by page.	STANDARD	p. 34
5. OVERSEAS MODE	Adjusts for sometimes difficult overseas transmissions	OFF	p. 35
6. CALL RESERVE	You can send a fax, then speak.	OFF	p. 38
7. DELAYED FAX	Send documents later.	—	p. 36
8. POLLED TX	Sets up your fax machine with a document to be retrieved by another fax machine.	OFF	p. 37

4. CANCEL JOB			
Function	Description	Factory Set	More Info
	Cancel a delayed fax or polling job.		p. 37

5. INTERRUPT

Function	Description	Factory Set	More Info
	Send a fax now, even if you have the machine set to send a fax later, or if you have it set for Polling.		p. 37

6. SET AUTO DIAL

Function	Description	Factory Set	More Info
1. ONE-TOUCH DIAL	Dial numbers stored in memory by pressing only one key.	—	p. 39
2. SPEED-DIAL	Dial numbers stored in memory by pressing only three keys.	—	p. 41
3. SETUP GROUPS	Set up a Group number for broadcasting.	—	p. 42

7. PRINT REPORTS

Function	Description	Factory Set	More Info
1. XMIT REPORT	Print lists and reports of activity. (Details in Chapter 9)	OFF	pp. 45–46
2. ACT.REPORT		INTERVAL: OFF	pp. 45–46
3. ALL DIAL		—	pp. 45–46
4. TEL. INDEX		—	p. 45
5. USER SETTINGS		—	pp. 45–46
6. MEMORY STATUS		—	pp. 45–46

8. REMOTE FAX OPT (For FAX 770 Only)

Function	Description	Factory Set	More Info
1. FAX FWD/PAGING	Set fax machine to forward fax/message— OR —to call your pager.	OFF	p. R-3
2. FAX STORAGE	Store incoming fax in memory for remote retrieval.	OFF	p. R-3
3. REMOTE ACCESS	Set code for retrieving faxes.	159✕	p. R-3
4. PRINT FAX	Print incoming faxes stored in the memory.	—	p. 27

0. TEL SERVICE

Function	Description	Factory Set	More Info
1. DISTINCTIVE	Use with phone company distinctive ringing service to register the ring pattern with fax machine.	OFF	pp. 27–29
2. CALLER ID	View or print a list of the last 30 Caller IDs stored in memory.	—	pp. 29–30

4 Initial Setup

Getting Started

After you have assembled your machine using the Brother StartCard, continue the initial setup by programming the rest of the initial settings.

Setting Date and Time

Your fax machine displays the date and time, and prints it on every fax you send.

In the event of a power failure, the fax machine maintains date and time information for up to two hours. All other settings remain unaffected.

- 1 Press **[Function]**, **[1]**, **[1]**.

ENTER YEAR:XX

- 2 Enter the last two digits of the year and press **[Set]**.

ENTER MONTH:XX

- 3 Enter two digits for the month and press **[Set]**. (For example, enter 09 for September, or 10 for October)

ENTER DAY:XX

- 4 Enter two digits for the day and press **[Set]**. (For example, 06)

ENTER TIME:XX:XX

- 5 Enter the time in 24-hour format and press **[Set]**. (For example, enter 15:25 for 3:25 PM)

- 6 Press **[Stop]**. The screen now displays the date and time you set, and displays it whenever the fax machine is standing by.

Setting Station ID

You can store your name, fax number, and telephone number to be printed on all fax pages.

- 1 Press **[Function]**, **[1]**, **[2]**.

FAX:

- 2 Enter your fax number (up to 20 digits) and press **[Set]**.

TEL:

- 3 Enter your telephone number (up to 20 digits) and press **[Set]**. If your telephone number and fax number are the same, enter the same number again. The screen displays your entry.

NAME:

- 4 Use the dial pad to enter your name (up to 20 characters) and press **[Set]**. (You can use the chart on next page to help you enter letters.)
- 5 Press **[Stop]**. The screen returns to the date and time.

Setting Dialing Mode (Tone/Pulse) (For Canada Only)

Your fax machine comes set to accommodate tone (multi-frequency) dialing service. If you have pulse (rotary) dialing service, you need to change the dialing mode.

- 1 Press **[Function]**, **[1]**, **[5]**.

DIALING:TONE?

DIALING:PULSE?

- 2 Use **[◀]** or **[▶]** to select TONE or PULSE and press **[Set]**.
- 3 Press **[Stop]** to exit.

Details for Entering Text

When you are setting certain functions, such as the Station ID, you may need to enter text into the fax machine. Most keys on the dial pad have three or four letters printed above them. The keys for 0, # and * don't have printed letters because they are used for special characters.



By pressing the appropriate number on the dial pad the correct number of times, you can access the character you want.

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


Inserting spaces

If you want to enter a blank space, press  twice.

Making corrections

If you entered a letter incorrectly and want to change it, press  to move the cursor after the last correct letter. Then press ; the letters above and to the right of the cursor are deleted. Re-enter the correct text and/or digits. You can also back up and type over incorrect letters.

Repeating letters

If you need to enter a character assigned to the same key as the previous character, press  to move the cursor to the right.

Special characters and symbols

Press * for (space) ! “ # \$ % & ’ () * + , - . /

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

Press Ø for É À È Ê Î Ç Æ Ö 0

NOTICE

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or electronic device to send any message via a telephone fax machine unless such messages clearly contain, in a margin at the top or bottom of each transmitted page, or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity or other individual sending the message and the telephone number of the sending machines or such business, other entity or individual.

In order to program this information into your fax machine, you should complete the steps described on page 16 and 17.



- The telephone number you enter is used only for Call Back Message and Cover Page features.
- If you do not enter a fax number, no additional information can be entered.
- To enter a space, press once between numbers and twice between characters.
- If your Station ID has already been programmed, the screen prompts “1” to make a change, or “2” to exit without changing.

Setting Beeper Volume



You can set the beeper to LOW, HIGH or OFF. The default setting is **LOW**. When the beeper is set to LOW or HIGH, the fax machine beeps every time you press a key or make an error, and at the end of fax sending or receiving.

- 1 Press , , .
- 2 Press or to select your setting and press .
- 3 Press to exit.



Setting the Handset Volume

Before you begin to use the fax machine, you must decide if you need to set the handset volume to AMPLIFY:ON for a user who is hearing-impaired. The AMPLIFY volume level complies with FCC standards.



VOLUME AMPLIFY: OFF

This default setting is appropriate if none of the users are hearing-impaired. During a conversation, users can press  or  on the control panel to adjust the volume. When the handset is replaced, the handset volume remain until you change it again.



VOLUME AMPLIFY: ON-TEMPORARY

This setting is appropriate if *some* of the users are hearing-impaired. During a conversation, users can press  or  on the control panel to adjust the volume to LOW, HIGH or AMPLIFY. When the handset is replaced, the handset volume will returns to the default setting of LOW.

VOL AMPLIFY:ON-PERMANENT

Choose VOL AMPLIFY:ON-PERMANENT if *all* of the users are hearing-impaired. During a conversation, users can press  or  on the control panel to adjust the volume to LOW, HIGH or AMPLIFY. When the handset is replaced, the handset volume returns to the default setting of AMPLIFY.






When you press  or  on the control panel to adjust the volume, the display shows the setting you are choosing. Each key press changes the volume to the next setting.



It is important that you do not choose PERMANENT unless all users are hearing-impaired. Otherwise, the default setting of AMPLIFY may damage the hearing of some users.

Setting Volume Amplify

Please carefully read “Setting the Handset Volume” before you do the following steps:

- 1 Press , , .



- 2 Press **[Left]** or **[Right]** to select **VOL AMPLIFY:OFF?** if none of the users are hearing-impaired and go to Step 4—**OR**—If some or all of the users are hearing-impaired, select **VOL AMPLIFY:ON?**.



- 3 Press **[Left]** or **[Right]** to select **PERMANENT?** if all the users are hearing-impaired—**OR**—Select **TEMPORARY?** if only some of the users are hearing-impaired.
- 4 Press **[Set]**.
- 5 Press **[Stop]** to exit.

Setting the Speaker Volume

You can adjust the speaker volume when your fax machine is onhook (after you pressed **[Hook]**), by selecting a speaker volume level.

Press **[L]** or **[H]** to adjust the volume level. The display shows the setting you are choosing. Each key press changes the volume to the next setting. The new setting will remain until you change it again.

Setting the Ring Volume

You can adjust the ring volume when your fax machine is idle. You can select a ring volume level or press until the ring is off.

Press **[L]** or **[H]** to adjust the volume level. With each key press, the fax machine rings so you can hear the current setting and the display shows the setting you are choosing. Each key press changes the volume to the next setting. The new setting will remain until you change it again.

Memory Storage

In the event of a power failure, all settings in the INITIAL SETUP, SETUP RECEIVE, SET AUTO DIAL and REMOTE FAX OPT plus the COVERPG SETUP and COVERPAGE MSG (from SETUP SEND) functions are stored permanently. You may have to reset the date and time.

5 Setup Receive

Basic Receiving Operations

See
Distinctive
Ring
p. 27

Select Answer Mode

MANUAL—You must answer all calls yourself. If you hear fax tones, press **[Start]** to begin receiving the fax, then hang up. You can use this mode with Distinctive Ringing.

FAX ONLY—The fax machine automatically answers every call as a fax call. You cannot receive a voice call, but you can dial out and make a voice call.

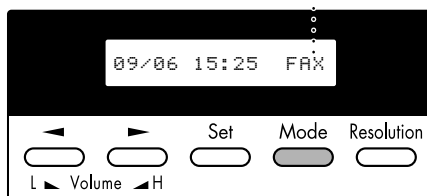
See
For FAX/TEL
Mode Only
p. 26

FAX/TEL—The fax machine automatically answers every call. If the call is a fax, it prints the fax. If the call is not a fax, it signals you with a double ring (ring-ring), different from the phone company ringing, to alert you to pick up the call. If you select this setting, you'll need to set the Ring Delay and F/T Ring Time features (on the following pages). If you have extension phones on the same line as the fax machine, set Ring Delay to 4.

TAD—This is the only setting in which you can use an **external** answering machine. Your telephone answering device is connected to your FAX, and answers every call. Once the TAD answers, the FAX listens for fax tones. If it detects fax tones, it prints the fax.

The TAD setting works only with an external telephone answering device (TAD); it does not work with telephone company voice mail. Ring Delay and F/T Ring Time do not work in this setting.

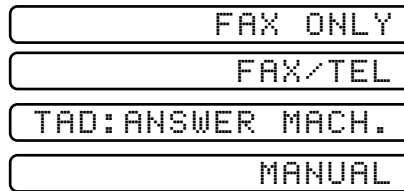
Current
Answer Mode



MNL: **MANUAL**
FAX: **FAX ONLY**
F/T: **FAX/TEL**
TAD: **EXTERNAL ANSWERING SYSTEM**

To select or change your Answer Mode

- 1 Press **[Mode]**. The screen displays your current selection.



- 2 Continue to press **[Mode]** until your new selection appears. After 2 seconds, the screen returns to the date and time display, along with your new Answer Mode setting.

If you're changing Answer Mode while in another operation, the screen returns to the current operation display.



See
Easy Receive
 p. 24
 and
Operation from
Extension
Telephone
 p. 26
 and
For FAX/TEL
Mode Only
 p. 26

Setting Ring Delay

The Ring Delay setting determines the number of times the fax machine rings before it answers. If you have extension phones on the same line as the fax machine, keep the Ring Delay default setting of 4.

- 1 Press **[Function]**, **[2]**, **[1]**.
- 2 Press **[◀]** or **[▶]** to select how many times the line rings before the fax machine answers (00 – 04) and press **[Set]**. If you select 00, the line doesn't ring at all.
- 3 Press **[Stop]** to exit.

Setting F/T Ring Time

You need to determine how long the fax machine will notify you with its special double ring when you have a voice call. This ringing happens *after* the initial ringing from the phone company. Only the fax machine rings, for 20, 30, 40 or 70 seconds; no other phones on the same line ring the special double ring. However, you can answer the call on any phone on the same line as the fax machine.

- 1 Press **[Function]**, **[2]**, **[2]**.
- 2 Press **[◀]** or **[▶]** to select how long the fax machine will ring to alert you that you have a voice call and press **[Set]**.

RING TIME: 20 SEC

- 3 Press **[Stop]** to exit.

Now, when a call comes in and the machine is set to FAX/TEL Mode, all phones on this line will ring the number of times you selected in Ring Delay.

You can let the fax machine pick up and detect if it's a fax or voice call. If it's a fax call, the machine prints the fax. If it's a voice call, the machine signals you with a double ring for the length of time you selected in F/T Ring Time.



*See
Operation from
Extension
Telephone
p. 26
and
For FAX/TEL
Mode Only
p. 26*

Even if the caller hangs up during the double ringing, the fax machine continues for the set time.

Easy Receive

When you use this feature, you don't have to press **[Start]** when you answer a fax call and hear calling beeps. Just hold the handset and wait a few seconds. When you see RECEIVE on the fax screen or when you hear "chirps" through the handset of an extension phone connected to another wall jack, just replace the handset, and your machine does the rest. Selecting **ON** allows the fax machine to receive fax calls automatically, even if you lift the handset of an extension or external phone. Selecting **SEMI** lets the machine receive the call only if you've answered it at the fax machine. Selecting **OFF** means you'll have to activate the fax machine yourself, by pressing **[Start]** or by pressing **[*] [5] [1]** if you are not at your machine.

If you've set the feature to **ON**, but your fax machine doesn't automatically connect a fax call when you lift an external or extension phone handset, press the Fax Receive code **[*] [5] [1]**. At the fax machine, lift the handset and press **[Start]**.





- 1 Press **[Function]**, **[2]**, **[3]**.
- 2 Use **[◀]** or **[▶]** to select **ON**, **SEMI** or **OFF** and press **[Set]**.
- 3 Press **[Stop]** to exit.

Printing a Reduced Incoming Document

You can always reduce the size of an incoming fax to a fixed percentage, regardless of the size of the paper (up to legal) in your fax machine. If you choose AUTO, your machine chooses the level of reduction for you.

- 1 Press **[Function]**, **[2]**, **[5]**.

5. REDUCTION

- 2 Use  or  to select the reduction ratio you want (AUTO, 93%, 87% or 75%) and press . Choose 100% if you don't want a reduction.
- 3 Press  to exit.

Recommended Reductions

If your paper is letter size (8.5" x 11"), and the incoming fax is

letter size, select 93%

A4, select 87%

legal size, select 75%.

If your paper is A4 (8.2" x 11.6"), and the incoming fax is

letter size, select 100%

A4, select 93%

If your paper is legal size (8.5" x 14"), and the incoming fax is




letter size, select 100%

A4, select 100%

legal size, select 93%.

Setting Paper Size

You can use three sizes of paper for printing your faxes—letter, legal and A4. When you change the kind of paper you have loaded in the fax machine, you will need to change the setting for paper size, so your machine will know how to fit the incoming fax on the page. You can also select the level of page reduction to fit on the paper in your machine.

- 1 Press , , .



6. PAPER







- 2 Use  or  to select LETTER, LEGAL or A4 and press .



CHANGE REDUCTION



1. YES 2. NO

- 3 Press  if you want to change the reduction setting—**OR**—Press  to go to Step 5.
- 4 Use  or  to select **AUTO, 100%, 93%, 87%** or **75%** and press .
- 5 Press  to exit.

Advanced Receiving Operations

See
Easy Receive
p. 24

See
*Setting F/T
Ring Time*
p. 23

Operation from External or Extension Telephone

If you answer a fax call on an extension phone or on an external phone in the EXT. jack, you can make your fax machine take over by using the Fax Receive Code. When you press the Fax Receive Code **[*] [5] [1]**, the fax machine starts to receive a fax.

If the fax machine answers a voice call and double-rings for you to take over, use the Telephone Answer Code **[#] [5] [1]** to take the call at an extension phone.

If you answer a call, and no one is on the line, assume you're receiving a fax. At the fax machine phone, press **[Start]**, then hang up. At an extension phone, press **[*] [5] [1]**, wait for fax receiving tones (chirps), then hang up. At an external phone, press **[*] [5] [1]** and wait for the phone to be disconnected (the screen displays RECEIVE) before you hang up. (Your caller will have to press **[Start]** to send the fax.)

For FAX/TEL Mode Only

When the fax machine is in FAX/TEL mode, it will use the F/T Ring Time (double ringing) to alert you to a voice call. If you're at the fax machine, you can lift the handset to answer.

If you're at an extension phone, you'll need to lift the handset during the F/T Ring Time and press **[#] [5] [1]** between the double rings. If no one is on the line, or if someone wants to send you a fax, send the call back to the fax machine by pressing **[*] [5] [1]**.




Changing Remote Codes

Remote Codes might not work with some telephone systems. The preset Fax Receive Code is **[*] [5] [1]**. The preset Telephone Answer Code is **[#] [5] [1]**.



If you are always disconnected when accessing your external TAD remotely, try changing the Fax Receive Code from **[*] [5] [1]** to **[#] [#] [#]** and the Telephone Answer Code from **[#] [5] [1]** to **[9] [9] [9]**.

To change Remote Codes

- 1 Press **[Function]**, **[2]**, **[4]**.
- 2 Press **[◀]** or **[▶]** to select ON (or OFF) and press **[Set]**.

- 3 If you want to, enter a new Fax Receive Code, then press **[Set]**.

- 4 If you want to, enter a new Telephone Answer Code, then press **[Set]**.

- 5 Press **[Stop]** to exit.

Printing a Fax in Memory (For FAX 770 Only)

If you have Fax Storage ON for remote retrieval, you can still print a fax in the memory when you are at your machine:

- 1 Press **[Function]**, **[8]**, **[4]**.
- 2 Press **[Start]**.
- 3 Press **[Stop]**.

See
Turning on Fax
Storage
in Remote Fax
Options

Polling

Polling is the process of retrieving faxes from another fax machine. You can use your fax machine to “poll” other machines, or you can have someone poll your machine. All parties involved in polling need to set up their fax machines to accommodate polling. When someone polls your machine to receive a fax, they pay for the call; if you poll someone’s fax machine to receive a fax, you pay for the call.

For more information call our fax-back system 1-800-521-2846 (USA), 1-800-681-9838 (From within Canada) and request Document #: 21700.

Some fax machines do not respond to the polling function.



See
Canceling a
Scheduled Job
p. 37



Distinctive Ring

This fax machine feature lets you use the Distinctive Ring subscriber service offered by some telephone companies, which allows you to have several telephone numbers on one phone line. Each phone number has its own Distinctive Ring pattern, so you know which phone number is ringing. This is one way you can have a separate phone number for your fax machine.

Your fax machine has a Distinctive Ring function, allowing you to dedicate one phone number just for receiving faxes. You'll need to follow the directions below to "register" the new Distinctive Ring pattern, that was assigned by the Telephone Company, so your fax machine can recognize its incoming calls.



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

You can register only one Distinctive Ring pattern with the fax machine. Some ringing patterns cannot be registered.

- The fax machine will answer only calls to its registered number.
- To have your TAD answer only the main number, the fax machine must be in Manual Mode.
- In FAX/TEL or FAX ONLY mode, the fax machine will answer all numbers on the phone line.

Registering the Distinctive Ring Pattern

- 1 Disconnect the fax machine from any TAD or telephone company voice mail.
- 2 Set the fax machine to MANUAL mode.
- 3 Press **[Function]**, **[0]**, **[1]**.
- 4 Press **[◀]** or **[▶]** to select **DISTINCTIVE:SET?** and press **[Set]**.
- 5 Press **[◀]** or **[▶]** to select the prestored ring pattern you want to assign and press **[Set]**. (You will hear each pattern as you scroll through the four patterns.) Be sure to choose the pattern assigned by the Telephone Company.

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

- 6 Press **[Stop]** to exit.

Once you've registered the Distinctive Ring pattern in your fax machine, you can turn this feature ON (or OFF), by following Steps 1 to 4 on the previous page.



*See
Printing Caller
ID List
p. 30*

Caller ID

The Caller ID feature of this fax machine lets you use the Caller ID subscriber service offered by many local phone companies. After a few rings, the screen displays the telephone number of your caller (or name, if available). Once you pick up the handset, the Caller ID information disappears from the screen, but the call information remains stored in the Caller ID memory.

- You will see the first 16 characters of the number or name.
- OUT-OF-AREA display means call originates outside your Caller ID service area.
- PRIVATE CALL display means the caller has intentionally blocked transmission of information.
- CALL PICKUP display remains on screen when no Caller ID information was transmitted.

If both the name and number are received, the screen displays only the name. You can print a list of Caller ID information received by your fax machine.

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

Viewing Caller ID List

Caller ID memory stores information for up to thirty calls; when the thirty-first call comes in, information about the first call is erased. You can scroll through Caller ID information to review those calls made to your fax machine.

- 1** Press **[Function]**, **[0]**, **[2]**.
- 2** Press **[◀]** or **[▶]** to select **DISPLAY #?** and press **[Set]**.
The screen displays the ID of the most recent call. If the name was not received, it will not be displayed.
- 3** Press **[◀]** or **[▶]** to scroll through the Caller ID memory and select the Caller ID you want to view and press **[Set]**.
The screen shows the caller's name and number and the date and time of the call.
- 4** Press **[◀]** or **[▶]** to return to the Caller ID listing—**OR**—Press **[Stop]** to exit.

Printing Caller ID List

- 1 Press **[Function]**, **[0]**, **[2]**.
- 2 Press **[◀]** or **[▶]** to select PRINT REPORT? and press **[Set]**.
- 3 Press **[Start]**.

Call Waiting Caller ID

The Call Waiting Caller ID feature lets you use the Call Waiting Caller ID service offered by many local telephone companies. This feature displays the telephone number (or name, if available) of Call Waiting callers on your fax machine's screen.

- 1 To answer a Call Waiting signal while you're talking on the phone, ask the other party if you can put them on Hold to catch the other call. The screen displays the Caller ID.
- 2 Press **[Speed Dial]** to switch to the second call.
- 3 To switch back to the first call, press **[Speed Dial]** again.

Either caller can hang up at any time. However, if you hang up you will disconnect both callers.



Copy Functions

Your fax machine cannot scan anything closer than one-eighth inch from the edge of the paper. The default resolution for a single copy is Super Fine. Set the resolution to PHOTO for photographs.

- 1 Place document face down in the feeder.
- 2 Press **[Copy]**. (Wait 5 seconds or press **[Copy]** for faster response.)

To cancel, press **[Stop]**.

Do NOT pull on the paper while copying is in progress.



Multiple Copies

You can make multiple copies using your fax machine, and you can choose whether the copies will be STACKED (all copies of page 1, then all copies of page 2, etc.) or SORTED (collated). The default resolution for multiple copies is Fine.

- 1 Place the document face down in the feeder.
- 2 If you want copies “stacked,” press **Copy**—OR—If you want copies “sorted” (collated), press **Sort**.
- 3 Enter the number (1–99) of copies you want.
- 4 Press **Copy**.



If you selected **Sort** or STACK after pressing **Copy** and get a MEMORY FULL message while you are scanning the first page, press **Stop** to cancel the job and restart to make a single copy. If you selected **Sort** and the MEMORY FULL message appears while scanning subsequent pages, you can press **Copy** to copy the portion that is in memory, or press **Stop** to cancel. To restart the copy job using less memory, press **Copy** for stacked copies.

Reducing and Enlarging Copies

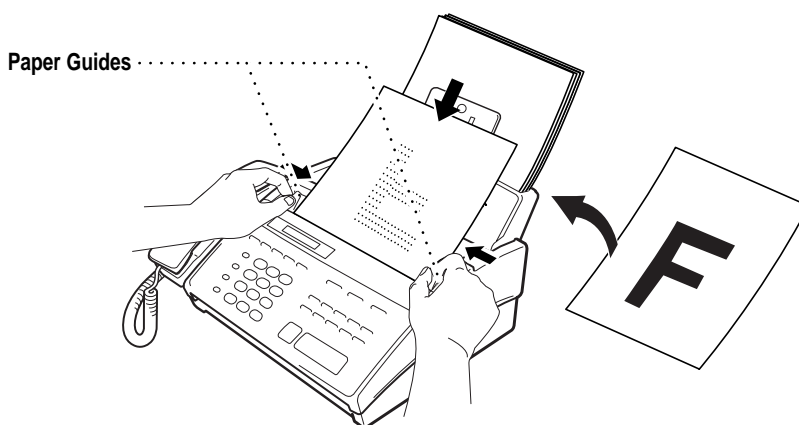
When making copies, you can reduce or enlarge the size of the printed image. To reduce to the size of your selected paper automatically, select **AUTO**. To select a reduction ratio, choose **93%**, **87%**, **75%** or **50%**. To enlarge a document, select **150%**, **125%** or **120%**. To print a document at its original size, select **100%**.

- 1 Insert the document face down in the feeder.
- 2 Press **Enlarge/Reduce**.
- 3 Use **◀** or **▶** to choose a reduction ratio setting.
- 4 Press **Copy**—OR—**Sort**, if you want sorted copies.
- 5 Enter the number (1–99) of copies you want. For example, press **9** for nine copies.
- 6 Press **Copy**.

Setup Send

Before You Begin

- Documents must be between 5.8 and 8.5 inches wide, and 5.9 and 23.7 inches long. Your fax machine can only scan an image 8.2 inches wide, regardless of how wide the paper is.
- Make sure you insert documents **face down, top edge first**.
- Adjust the paper guides to fit the width of your document.



- The automatic document feeder (ADF) can hold up to 10 pages, feeding each one individually through the fax machine. Use standard (17 lb–24 lb) paper when using the ADF; if you're using heavier paper, feed each sheet individually to prevent paper jams.
- Press **Resolution** (before you send the fax) to select the resolution for the document you're sending.
- **DO NOT** use curled, wrinkled, folded or ripped paper, or paper with staples, paper clips, paste or tape attached. **DO NOT** use cardboard, newspaper or fabric.
- Make sure documents written with ink are completely dry.

See
Resolution
p. 34



Manual Transmission

Manual transmission lets you hear the dial tone, ringing and fax receiving tones before sending the fax.

- 1 Insert the document face down in the feeder.
- 2 Pick up the handset and listen for a dial tone
—OR—press **[Hook]** and listen for a dial tone.
- 3 Enter the fax number you want to call (you can enter the digits using the dial pad, or you can enter a One Touch or Speed Dial number or you can call from the Tel-index).
- 4 When you hear the fax tone, press **[Start]**.
- 5 If you're using the handset, hang up.

*See
One-Touch
Dialing
p. 43*

Automatic Transmission

This is the easiest way to send a fax. **IMPORTANT:** Do **not** pick up the handset, or press **[Hook]**.

- 1 Insert the document face down in the feeder.
- 2 Enter the fax number from One Touch, Speed Dial, Tel-index or the dial pad.
- 3 Press **[Start]**.

*See
Speed Dialing
p. 44*

Manual and Automatic Fax Redial

If you're sending a fax manually and the line is busy, press **[Redial/Pause]** to retry the number.

If you're sending a fax automatically and the line is busy, the fax machine will redial automatically up to three times at 5 minute intervals.

Basic Sending Operations

Contrast

If your document is very light or very dark, you might want to set the contrast accordingly. Use S.LIGHT to send a very light document. Use S.DARK to send a very dark document.

- 1 Insert the document, face down, in the feeder.
- 2 Press **[Function]**, **[3]**, **[3]**.
- 3 Use **[◀]** or **[▶]** to select AUTO, S.LIGHT or S.DARK and press **[Set]**.
- 4 Press **[2]** if you are finished choosing settings, and go to Step 5—**OR**—Press **[1]** if you want to select additional settings. The display returns to the Setup Send menu.
- 5 Enter a fax number and press **[Start]** to send a fax—**OR**—Press **[Copy]** to make a copy.

Resolution

When you have a document in the feeder, you can use the **[Resolution]** key. Press **[Resolution]** continuously until you see your selection on the screen.

Standard—suitable for most typed documents.

Fine—good for small print; transmits a little slower than standard resolution.

Super Fine—good for small print or artwork; transmits slower than fine resolution.

Photo—use when document has varying shades of gray; slowest transmission time.

Advanced Sending Operations

Overseas Mode

If you have difficulty sending a fax overseas, use the Overseas mode.

After you send a fax using this feature, the feature turns itself off.

1 Insert document.

2 Press **[Function]**, **[3]**, **[5]**.

5. OVERSEAS MODE

3 Press **[◀]** or **[▶]** to select ON (or OFF) and press **[Set]**.

4 Press **[1]** if you want to select additional settings. The display returns to the Setup Send menu—**OR**—Press **[2]** if you are finished choosing settings and go to Step 5.

5 Enter the fax number you're calling.

6 Press **[Start]**.

Quick Scan Fax Transmission

You can scan a fax into the fax machine's memory to be sent as soon as the scan is complete. This way, you don't have to wait for the entire fax to be transmitted before you retrieve your original.

If you get a MEMORY FULL message while scanning the first page of a fax, press **[Stop]** to cancel the scan. If you get a MEMORY FULL message while scanning in a subsequent page, you'll have the option to press **[Start]** to transmit the pages scanned so far, or to press **[Stop]** to cancel the Quick Scan operation.

1 Insert the document in the feeder.

2 Press **[Help/Q.Scan]**. The screen indicates how much memory is available.

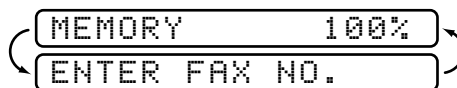
3 Enter the fax number.

4 Press **[Start]** to begin scanning the document into memory. Once scanning is completed, the fax machine dials the call.

Delayed FAX

You can use this function to send a fax up to 24 hours later.

- 1 Insert the document in the feeder.
- 2 You can press **[Help/Q.Scan]** to use memory transmission—**OR**—Leave the document in the feeder to be scanned at the specified time.
- 3 Press **[Function]**, **[3]**, **[7]**.
- 4 Enter the time you want the fax to be sent, in 24-hour format and press **[Set]**. (For example, enter 19:45 for 7:45 PM)
- 5 Press **[1]** if you want to select additional settings. The display returns to the Setup Send menu—**OR**—Press **[2]** if you are finished choosing settings and go to Step 6.



- 6 Enter the fax number.
- 7 Press **[Start]**. The fax machine will wait until the time you have entered to send the fax.

Broadcasting

Using the numbers you have stored in Groups, One Touch and Speed Dial memory, you can “broadcast” faxes automatically to a maximum of 47 different locations in a few simple steps.

After the Broadcast is completed, a Broadcast Report will be printed automatically to let you know the results.

- 1 Insert the document in the feeder.
- 2 Press **[Help/Q.Scan]**. The screen displays how much memory is available.
- 3 Enter the One Touch and Speed Dial numbers (one after the other) or a Group Number you have stored.
- 4 Press **[Start]**. The fax machine stores the document in memory, then transmits it to all the numbers you entered. If the line is busy, your machine will retry.

Press **[Stop]** during transmission to cancel the current fax broadcast.

*See
Setting Up
Groups for
Broadcasting
p. 42*



Setting Up for Polling Transmit

Polling Transmit is when you set up your fax machine to wait with a document so another fax machine can retrieve it.

For more information call our fax-back system at 1-800-521-2846 (USA), 1-800-681-9838 (From within Canada) and request Document #: 21700.

Canceling a Scheduled Job

You can cancel tasks you've scheduled, such as Delayed Fax or Polling Transmit.

- 1 Press **[Function]**, **[4]**. Any waiting jobs appear on the display. If there are no jobs waiting, the screen displays NO JOB WAITING.

4. CANCEL JOB

- 2 If you have more than two jobs waiting, use **[◀]** or **[▶]** to select the job you want to cancel and press **[Set]**.

—OR—

If you have only one job waiting, go to Step 3.

- 3 Press **[1]** to cancel—OR—Press **[2]** to exit without canceling.
- 4 Press **[Stop]** to exit.

Interrupting Delayed Fax and Polling Transmit Jobs

You can send a fax or make a copy now, even if you have the fax machine set to send a fax later, or if you have it set to be polled. However, you cannot use automatic redial or the function mode.

- 1 Press **[Function]**, **[5]**.
- 2 Wait 2 seconds, then remove the documents that are waiting in the feeder.

INSERT DOCUMENT

- 3 Place the document you want to send now in the feeder.
- 4 Enter the number for the fax you want to send now.
- 5 Press **[Start]**.
- 6 After the transmission is finished, return the first document to the feeder.
- 7 Press **[Function]**, **[5]** to restore the Delayed Fax and/or Polling.

If you set up a Delayed Fax or Polling Transmit job in memory using **[Help/Q.Scan]**, you don't have to interrupt it to send a fax or make a copy.



More Advanced Features (Call Brother fax-back system)

Your machine has additional advanced features and functions that are not included in this manual. To receive faxed instructions, please call our automated Brother fax-back system at 1-800-521-2846 and enter the Document Numbers for the following scripts:

- Polling (Doc #: 21700)
- Cover Page (Doc #: 20917)
- Call Reservation (Doc #: 21701)
- Print Sample Call Back Message (Doc #: 21702)
- Next Fax Reservation (Doc #: 21703)
- Multiple Resolution Transmission (Doc #: 21704)
- Glossary (Doc #: 21705)

Setup Auto Dial Numbers

Storing Numbers for Easy Dialing

You can set up your fax machine to do three types of easy dialing: One Touch, Speed Dial, and Groups for Broadcasting of faxes.

Storing One Touch Dial Numbers

*See
One Touch
Dialing
p. 43*

You can store eight fax/phone numbers that you can dial by pressing one key. You also can store names with these numbers. When you press a One Touch dial location, the screen displays the name or number as the call is dialed.

One Touch keys are not the dial pad keys. They are the eight keys (numbers 01–08) located to the right of the dial pad.

- 1 Press **[Function]**, **[6]**, **[1]**.
- 2 Press the One Touch key where you want to store a number. (One Touch key **[1]** is pre-programmed for Brother Fax-Back System, USA only. You can override it if you wish.) The screen displays the location you selected.
- 3 Enter a number (up to 20 digits) and press **[Set]**. If you want to enter a pause in the dialing sequence (to wait for an “outside line,” for example), press **[Redial/Pause]** as you’re entering digits. Pressing **[Redial/Pause]** enters a 3.5-second pause when the number is dialed, and a dash appears on the screen.

NAME :

*See
Entering Text
p. 17*

- 4 Use the dial pad to enter the name or company (up to 15 characters) and press **[Set]**. You can use the chart on page 17 to help you enter letters—**OR**—Go to Step 5 to store the number without a name.
- 5 Use **[←]** or **[→]** to select the type of number and press **[Set]**.

FAX	a fax only number
TEL	a telephone (voice) number
FAX/TEL	both a fax and telephone (voice) number
CHAIN	a number (usually an access code) for chain dialing.
- 6 Return to Step 2 to store another One-Touch number—**OR**—Press **[Stop]** to exit.



When you dial an AUTO DIAL number, the screen displays the name you've stored, or, if you haven't stored a name, the number you've stored.

If you must wait for another dial tone at any point in the dialing sequence, store a pause at that place in the number by pressing **Redial/Pause**. Each key press adds a 3.5 second pause.

You can use chain dialing to store long dialing sequences. For example, to store **9 1 201 555 1234 987 65 4321**, divide the number into two parts. Store the first part as a Chain type number (this tells the system that the dialing sequence is not complete).

CHAIN—9 1 201 555 1234

The last part of the One Touch number must be stored as any of the other following three types.

FAX or FAX/TEL or TEL—987 65 4321

Now, when you dial, just press the two keys (one after the other, in order) where you've stored the two parts of the number.

*See
Speed Dialing
p. 44*

Storing Speed Dial Numbers

You can store Speed Dial numbers, when you dial by pressing only three keys. There are 40 Speed Dial locations. Even if you lose electrical power, numbers stored in memory will not be lost.

- 1 Press **[Function]**, **[6]**, **[2]**.

SPEED-DIAL? #

- 2 Use the dial pad to enter a two-digit location (01–40) and press **[Set]**.

#05:
ENTER & SET

- 3 Enter the number (up to 20 digits) and press **[Set]**.

NAME:

*See
Entering Text
p. 17*

- 4 Use the dial pad to enter the name or company (up to 15 characters) and press **[Set]**—OR—Press **[Set]** to store the number without a name.

- 5 Use **[◀]** or **[▶]** to select the type of number and press **[Set]**.

FAX a fax number

TEL a telephone (voice) number

FAX/TEL both a fax and telephone number

CHAIN a number (usually an access code) for chain dialing

- 6 Return to Step 2 to store another Speed Dial number—OR—Press **[Stop]** to exit.

Changing One Touch and Speed Dial Numbers

If you try to store a One Touch or Speed Dial number in a location where a number is already stored, the screen displays the current name stored there, then prompts you to either

1. CHANGE—OR—2. EXIT.

- 1 Press **[1]** to change the number stored, or press **[2]** to exit without making a change.

- 2 Enter a new number.

- If you want to erase the whole number, press **[Stop]** when the cursor is to the left of the digits. The letters above and to the right of the cursor are deleted.

- If you want to change a digit, use **[◀]** or **[▶]** to position the cursor under the digit you want to change, then type over it.

- 3 Follow the directions from Step 3 in Storing One Touch Numbers or Storing Speed Dial Numbers.

See
Storing
One Touch Dial
Numbers
p. 39
and
Storing Speed
Dial Numbers
p. 41
and
Broadcasting
p. 36

Setting Up Groups for Broadcasting

Groups allow you to send the same fax message to many fax numbers by pressing only one One Touch key (Broadcasting). **First**, you'll need to store each fax number as a One Touch or Speed Dial number. **Then**, you can combine them into a Group. Each Group uses up a One Touch key. Finally, you can have up to six small Groups, or you can assign up to 47 numbers to one large Group.

- 1 Press **[Function]**, **[6]**, **[3]**.

SELECT ONE-TOUCH

- 2 Select a One Touch key where you wish to store the number. (For example, press One Touch key **[2]** to store a Group.)
- 3 Use the dial pad to identify the Group with a number and press **[Set]**. (For example, press **[1]** for Group 1.)

SETUP GROUP:GO
ENTER & SET

- 4 To include One Touch or Speed Dial numbers in the Group, enter them as if you were dialing. For example, for One Touch key 5, press One Touch key **[5]**. For Speed Dial location 09, press **[Speed Dial]**, then press **[0]**, **[9]** on the dial pad. The LCD shows *05, #09.

G01:*05#09_

- 5 Press **[Set]** to accept the numbers for this group.

NAME:
ENTER & SET

- 6 Use the dial pad to enter a name for the group and press **[Set]**. (For example, NEW CLIENTS)
- 7 Press **[Stop]** to exit.

You can print a list of all One Touch and Speed Dial numbers. See Chapter 9, Printing Reports.

See
Entering Text
p. 17



Telephone (Voice) Operation

Making Voice Calls

You can use your fax machine to make voice telephone calls, by dialing manually, or by using Tel-index, One Touch or Speed Dial memory. You can use the handset to make and receive calls.

Manual Dialing

Manual dialing is simply pressing all of the digits of the phone number.

- 1 Pick up the handset—**OR**—Press **[Hook]**.
- 2 When you hear a dial tone, dial the call using the dial pad.
- 3 If you pressed **[Hook]** to dial the call, pick up the handset when the other party answers. (The speaker works only one way; the other party won't be able to hear you unless you pick up the handset.)
- 4 To hang up, replace the handset.

One Touch Dialing

- 1 Pick up the handset—**OR**—Press **[Hook]**.
- 2 When you hear a dial tone, press the One Touch key of the location you want to call.
- 3 If you pressed **[Hook]** to dial the call, pick up the handset when the other party answers. (The speaker works only one way; the other party won't be able to hear you unless you pickup the handset.)
- 4 To hang up a voice call, replace the handset.

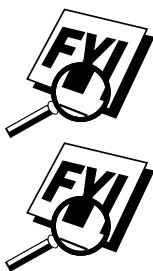
If you try to use a One Touch location with no number stored in it, you hear a warning sound, and screen displays NOT REGISTERED. The display returns to normal after 2 seconds.

If you are sending a fax, press **[Start]** after pressing the One Touch key. If you picked up the handset, press **[Start]** when the receiving fax machine answers with fax tones.

Pause

Press **[Redial/Pause]** to insert a pause between numbers. Each key press adds a 3.5 seconds delay.

See
Storing One
Touch Dial
Numbers
p. 39



*See
Storing Speed
Dial Numbers
p. 41*



Speed Dialing

- 1 Pick up the handset—**OR**—Press **[Hook]**.
- 2 When you hear a dial tone, press **[Speed Dial]**, then press the two-digit Speed Dial number.
- 3 If you pressed **[Hook]** to dial the call, pick up the handset when the other party answers. (The speaker works only one way; the other party won't be able to hear you unless you pickup the handset.)
- 4 To hang up a voice call, replace the handset.

If you are sending a fax, press **[Start]** after entering the Speed Dial number. If you picked up the handset, press **[Start]** when the receiving fax machine answers with fax tones.

Hold

- 1 Press **[Hold]** to put a call on Hold.
- 2 You can put down the handset without disconnecting the call.
- 3 Pick up the fax machine handset to release the call from Hold. Picking up an extension handset will not release the call from Hold.

Tone/Pulse (For Canada Only)

If you have pulse dialing service, but need to send tone signals (for telephone banking, for example), follow the directions below. If you have touch tone service, you do not need this feature to send tone signals.

- 1 Lift the handset.
- 2 Press **[#]**. Any digits dialed after this send tone signals.
- 3 When you hang up, the fax machine returns to pulse dialing service.

Searching Telephone Index

You can search for names you have stored in One Touch and Speed Dial memories. Names are stored alphabetically.

- 1 Press **[Tel-index]**, then enter the first letter of the name you're looking for.
- 2 Press **[◀]** or **[▶]** to search the memory.
- 3 When the screen displays the name you want to call, pick up the handset for a voice call.
- 4 Press **[Start]** to begin dialing.
- 5 If you pressed **[Hook]** to dial the call, pick up the handset when the other party answers. (The speaker works only one way; the other party won't be able to hear you unless you pickup the handset.)
- 6 When the call is over, hang up to cancel the call.

*See
Storing One
Touch Dial
Numbers
p. 39
and
Storing Speed
Dial Numbers
p. 41*

Printing Reports

Fax Machine Settings and Activity

You can print the following lists and reports:

1. XMIT REPORT

Choose to print a Transmission Verification Report after all faxes you send.

2. ACT. REPORT

Activity Report lists information about the last 30 incoming and outgoing faxes. TX means Transmit; RX means Receive.

3. ALL DIAL

Lists names and numbers stored in One Touch and Speed Dial memory, in numerical order.

4. TEL. INDEX

ALL DIAL list (above), alphabetically.

5. USER SETTINGS

Lists settings for INITIAL SETUP, SETUP RECEIVE, SETUP SEND, PRINT REPORTS, REMOTE FAX OPT (for FAX 770 only) and TEL SERVICE.

6. MEMORY STATUS

Lists summary information and amount of occupied memory.

To Print a Report

- 1** Press **[Function]**, **[7]**.
- 2** Enter the number of the report you want to print. For example, press **[4]** to print the TEL-INDEX.
- 3** Press **[Start]**.
- 4** Press **[Stop]** to exit.

Transmission Verification (Xmit) Report

You can use the Xmit Report as proof that you sent a fax. This report lists the name or fax number of the receiving party, the time and date of transmission, and if the transmission was successful.

When the feature is OFF, the report is printed automatically only if there's an error during transmission. If the report indicates NG, send the document again. If the report indicates you should check the readability of certain pages, resend those pages.

When the feature is ON, the report is printed with every fax you send.

- 1 Press **[Function]**, **[7]**, **[1]**.
- 2 Press **[◀]** or **[▶]** to select ON (or OFF) and press **[Set]**.
- 3 Press **[Stop]** to exit.

Activity Report Interval

You can set the fax machine to print activity reports at specific intervals (6, 12, 24 hours, 2, 4 or 7 days). If you set the interval to OFF, you can print the report by following the steps in the previous section.

- 1 Press **[Function]**, **[7]**, **[2]**.
- 2 Press **[◀]** or **[▶]** to display:

INTERVAL?

and press **[Set]**.

- 3 Press **[◀]** or **[▶]** to choose your setting and press **[Set]**. If you choose 7 days, the screen prompts you to choose a day at which to begin the 7-day countdown.
- 4 Enter the time to begin printing, in 24-hour format and press **[Set]**. (For example, enter 19:45 for 7:45 PM)
- 5 Press **[Stop]** to exit.

10 Important Information

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 and volume control compatible.

When programming emergency numbers and/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 such activities in the off-peak hours, such as early morning or late evening.

This equipment complies with Part 68 of FCC Rules. On the rear panel of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

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

An FCC compliant telephone cord with a modular plug is provided with this equipment. This equipment is designed to be connected to the telephone line or premise's wiring using a compatible modular jack that is Part 68 compliant. See the Installation section of this manual for details.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area. If your fax damages the telephone line, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this fax machine, please contact the manufacturer's authorized service agency for information on obtaining service or repair. The telephone company may ask that you disconnect this equipment from the line until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

If you are not able to solve a problem with your fax machine, contact Brother Customer Service. (See Brother Numbers, page i.)

International Energy Star Compliance Statement

The purpose of the International Energy Star Program is to promote the development and popularization of energy-efficient office equipment, which includes computers, monitors, printers, facsimile receivers and copy machines world-wide. As an International Energy Star partner, Brother Industries, Ltd. has decided that this product meets the guideline of the program.



Industry Canada Compliance Statement (For Canada Only)

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Federal Communications Commission Compliance Notice (For USA Only)

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 fax equipment and the receiver.
- Connect the fax equipment on a separate circuit.
- Consult the dealer or an experienced radio/TV technician for help.



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.

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. 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, consult with your dealer or local power company.
- 9** This product is equipped with a 3-wire grounding type plug, a plug having a third (grounding) pin. This plug will fit into only a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
- 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 on 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 wall outlet does not exceed 15 amperes (USA only).
- 12** Do not place anything in front of the fax machine that will block received faxes. Do not place anything in the path of received faxes.
- 13** Do not touch a document during printing.

- 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 a risk of fire or electric shock. Never spill liquid of any kind on the product.
- 15** Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points and/or other risks, and may void your warranty. Refer all servicing to a Brother Authorized Service Center. A list of Brother Authorized Service Centers has been included for your convenience, or you may contact the Brother Customer Service for your nearest Brother Authorized Service Center. (See Brother Numbers, page i.)
- 16** Unplug this product from the wall outlet and refer servicing to a Brother Authorized Service Center under the following conditions:
 - A** When the power cord is damaged or frayed.
 - B** If liquid has been spilled into the product.
 - C** If the product has been exposed to rain or water.
 - D** If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E** If the product has been dropped or the cabinet has been damaged.
 - F** If the product exhibits a distinct change in performance, indicating a need for service.
- 17** To protect your product against power surges, we recommend the use of a power protection device (Surge Protector).

Troubleshooting and Maintenance

Troubleshooting

If you can't resolve a difficulty with your fax machine using this manual, please see page i for Brother Numbers to call for assistance.

Error Messages

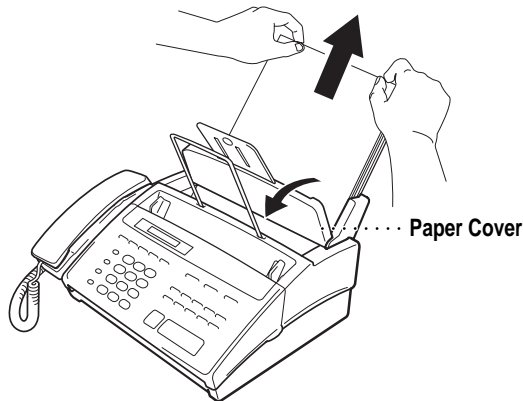
You may occasionally encounter a difficulty with your fax machine or telephone line. If this happens, your fax machine often identifies the problem and displays an error message. The list below explains the most common error messages.

If you need additional help, call the Brother fax-back system. (See "Brother Numbers," page i.)

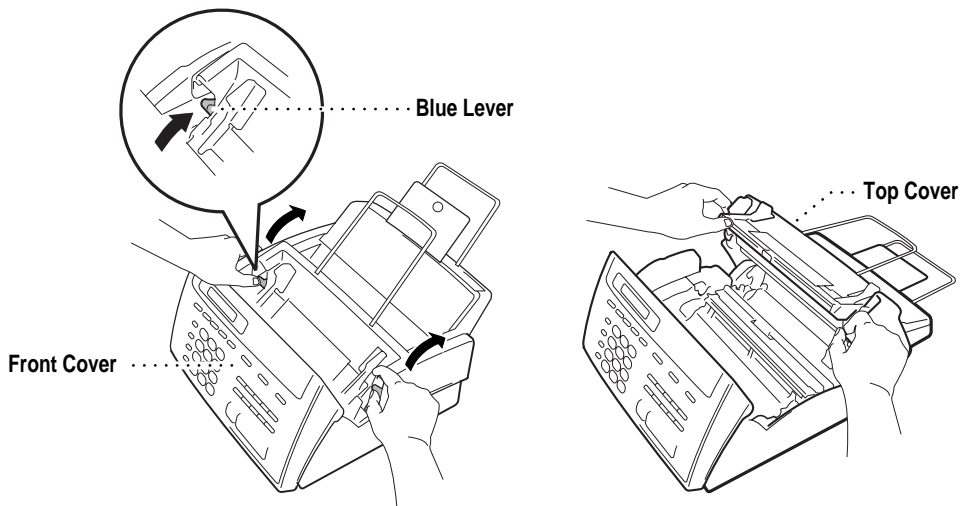
CHECK PAPER

The fax machine is out of paper, or the paper is not properly loaded, or the paper is jammed in the fax machine.

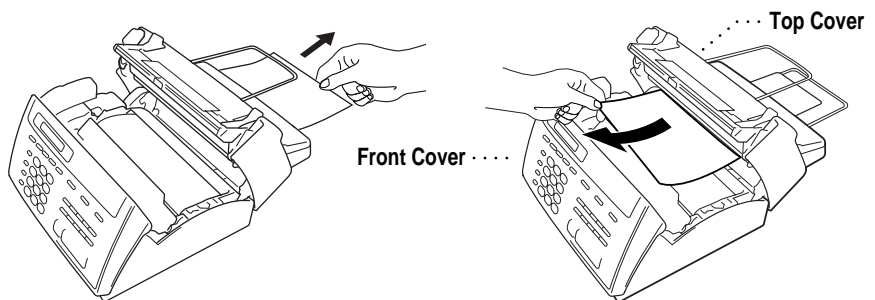
- 1 Open the paper cover and remove any paper that is not jammed.



- 2** Open the front cover.
- 3** Then open the top cover by pressing the blue levers on both sides of the top cover.



- 4** Pull the jammed paper gently from the paper feeder toward the back of the fax machine. If the paper remains jammed, then pull it toward the front of the machine.



- 5** Remove the printing cartridge and turn the spool to tighten the ribbon.
- 6** Install the cartridge.
- 7** Close the top cover.
- 8** Close the front cover.
- 9** Load the paper.

CLEAN UP SCANNER

The scanner is dirty. See “Routine Maintenance” on p. 59.

COMM. ERROR

A poor quality phone line resulted in a communications error. Try the call again.

CONNECTION FAIL

You have requested a polling call from another party, but the other fax machine is not in Poll Waiting mode.

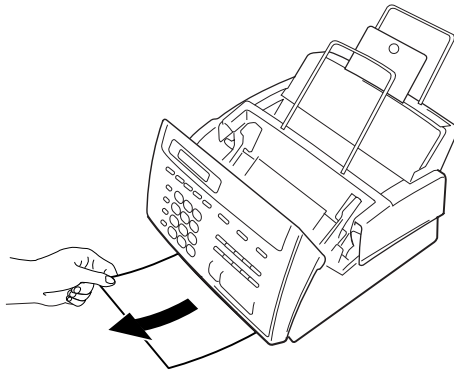
DISCONNECTED

The other party has disconnected during a fax. Try calling the other party.

DOCUMENT JAM

The documents were not inserted or fed properly, or were too long or too short.

- 1** Remove any paper that is not jammed from the document feeder.
- 2** Open the front cover.
- 3** Pull the document toward the front of the fax machine.
- 4** Close the cover and press **Stop**.



MACHINE ERROR XX

and

PRESS STOP KEY

Contact Brother Customer Service at

USA: *1-800-284-4329* (voice)

From within Canada: *1-800-853-6660* (voice)

From within Montreal: *1-514-685-6464* (voice)

NO RESPONSE/BUSY

The number you called does not answer or is busy. You may also have reached a number not connected to a fax. Check the number and call again.

NOT REGISTERED

You've tried accessing a One Touch or Speed Dial location with no number assigned to it. See pages 39–41 for information about storing One Touch or Speed Dial numbers.

PRINTER FAULT

The print head has overheated. Unplug the fax machine and wait 30 minutes for it to cool.

SCANNER ERROR

Try cleaning the white tape and the glass strip under the tape. During cleaning, we recommend you unplug the power cord. See "Routine Maintenance" on p. 59.

If you still get a scanner error, contact Brother Customer Service at

USA: *1-800-284-4329* (voice)

From within Canada: *1-800-853-6660* (voice)

From within Montreal: *1-514-685-6464* (voice)

TOP COVER OPEN

The top cover is not completely closed.

If You Are Having Difficulty with Your Fax Machine

If you think there is a problem with your fax machine, make a copy first. If the copy looks good, the problem is probably not your fax machine. Check the difficulties below and follow the troubleshooting tips.

Printing or Receiving Faxes

Condensed Print and Horizontal Streaks; Top and Bottom of Sentences Cut Off

If your copy looks good, you probably had a bad connection, with static or interference on the phone line. If the copy looks bad, clean the scanner area. If there is still a problem, call Brother Customer Service at 1-800-284-4329 (USA), 1-800-853-6660 (from within Canada) and 1-514-685-6464 (from within Montreal).

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. If the problem continues, call Brother Customer Service at 1-800-284-4329 (USA) or 1-800-853-6660 (from within Canada).

Phone Line or Connections

Fax Machine Does Not Answer When Called

Make sure the fax machine is in the correct receiving mode for your setup (either FAX, FAX/TEL or TAD). Check for dial tone. If possible, call your fax machine to hear it answer. If there is still no answer, check the telephone line cord connection. Connect a standard telephone handset to the fax machine telephone jack. If there is no ringing when you call your fax machine, call your Telephone Company to check the line.

No Dial Tone on the Handset

Press **[Hook]**—**OR**—Lift the handset. If you don't hear a dial tone, check telephone line cord connections at the fax machine and wall jack. Check that the handset is connected to the fax machine's handset jack. Test the wall jack with another single line telephone. If there is no dial tone at the wall outlet, call your Telephone Company.

The Caller ID does not display after the Call Waiting Signal

The Caller ID signal is sent ten seconds after the Call Waiting Signal and speaking may interfere with it. When you hear the Call Waiting signal, ask the other party to hold while you answer the call. Then stop speaking until you see the Caller ID on the LCD.

Sending Faxes

Poor Transmitting Quality

Try changing your resolution to FINE or SUPERFINE (see “Resolution” p. 34). Make a copy to verify the fax machine’s scanner operation.

Dialing Does Not Work

Check all line cord connections, and make sure the curled handset cord is not in the **EXT** jack.

Check power cord connection.

Send a manual fax by pressing **[Hook]**—**OR**—Lifting the handset, and dialing the number. Wait to hear fax receiving tones before pressing **[Start]**.

Vertical Black Lines When Sending

Use your fax machine to make a copy. If the copy shows the same problem, the scanner area is dirty. Lift the front cover and check the document path. Clean the scanner’s white tape and the glass strip under the tape using isopropyl alcohol and a lint-free cloth (see p. 59).

Handling Incoming Calls

Double Ring in FAX/TEL Mode

The fax machine knows the incoming call is not a fax so it is signaling you to answer the telephone call. Pick up the fax machine handset or answer from an extension phone and press your fax machine’s Telephone Answer Code (default setting is #51).

Transferring a Call to the Fax Machine

If you have answered the fax machine handset, press **[Start]**, and hang up immediately.

If you answered at an extension phone, press your three-digit Fax Receive Code (the factory setting is *51). When your fax machine answers, hang up.

Fax Machine “Hears” Voice as CNG Tone

If your fax machine is set to Easy Receive ON, and it answers voice calls by trying to receive a fax, try turning Easy Receive to OFF.

*See
For FAX/TEL
Mode Only
p. 26*

*See
Easy Receive
p. 24*

Transmission Verification Report Prints “Result: NG”

There is probably temporary noise or static on the phone line. Try sending the fax again. If the problem continues, call the Telephone Company to check your phone line.

Custom Features on a Single Line

If you have Call Waiting, Caller ID, Call Waiting/Caller ID, Ring Master, Voice Mail, an answering machine, alarm system or any other custom feature on a single phone line with your fax machine, it may create a problem sending or receiving fax data.

Example #1:

If you are having a telephone conversation and a fax communication signal comes through on your Call Waiting Caller ID feature, you can verify that the second call is a fax by switching to it. You have the option to receive the fax call, by asking the first caller to hang up to clear the line.

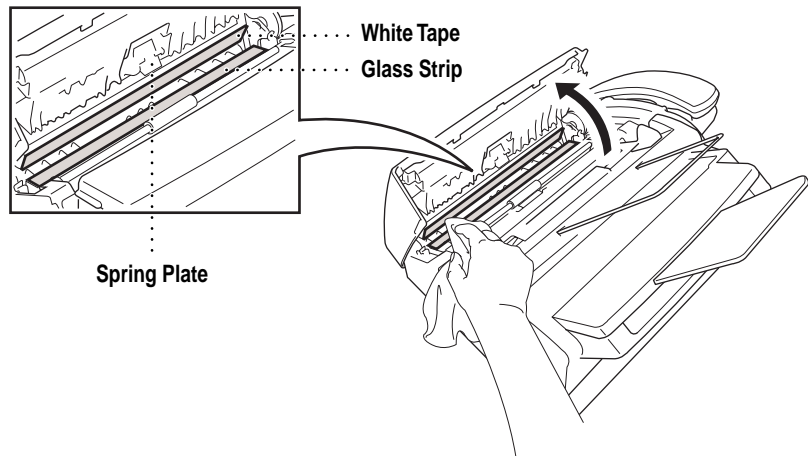
Example #2:

If you are sending or receiving a fax message while a Call Waiting Caller ID (or other custom feature) signal comes through on the line, the signal can temporarily interrupt or disrupt the fax data. 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 line with no custom features is recommended.

Routine Maintenance

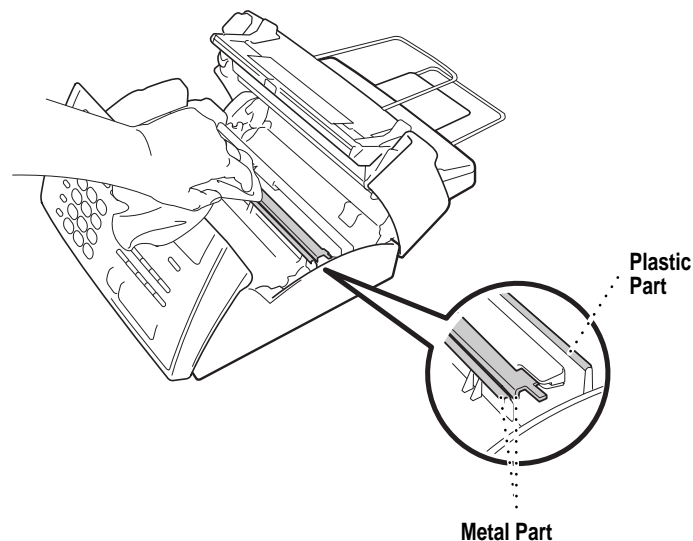
Cleaning the Scanner

Before cleaning, unplug the power cord for safety. Clean the white tape and the glass strip under the tape with isopropyl alcohol on a lint-free cloth. Be careful not to bend the spring plate or drop anything into the fax machine.



Cleaning the Print Head

Before cleaning, unplug the power cord for safety. To clean the fax machine print head, wipe the metal part and plastic part with a lint-free cloth that is dry or lightly moistened with isopropyl alcohol.



Multi-Function Link[®] (option)

You can purchase the optional Multi-Function Link[®] package (also called “Missing Link”). Multi-Function Link[®] turns your fax machine into a multi-function center, by enabling you to use your fax machine as a printer and a scanner and to use it to fax messages from Windows[®] applications in your computer.

Multi-Function Link[®] is available at most Brother retailers. If you cannot find it, you can order Multi-Function Link[®] directly from Brother. The item number is PCI-1.

Installation instructions will be included with PCI-1. However, it is important that you hook up your fax machine to your computer before you install the software.

Setting Multi-Function Link[®] Mode (With Multi-Function Link[®] (option) Only)

If you connect your fax machine to your PC, you can receive faxes into your PC. After completing all setup for Multi-Function Link[®], you can select Multi-Function Link[®] Mode (PC Primary/PC Receive Only/Fax Receive Only) for routing incoming faxes.

- 1 Press **Function**, **2**, **8**.

8. MF LINK

- 2 Press **◀** or **▶** to select PC PRIMARY, PC RECEIVE ONLY or FAX RECEIVE ONLY and press **Set**.
- 3 Press **Stop** to exit.

13 Specifications

Type	Desktop facsimile transceiver
Compatibility	ITU-TS Group 3
Coding System	Modified Huffman (MH)
Modem Speed	9600/7200/4800/2400; Automatic Fallback
Document Input Width	5.8 inches to 8.5 inches (148 mm to 216 mm)
Scanning/Printing Width	8.2 inches (208 mm)
Paper Cassette	100 Sheets (20 lb.)
Printer Type	Line Thermal with Ribbon
Gray Scale	64 levels (Dithered)
Display	LCD, 16 characters
Polling Types	Standard, Sequential
Contrast Control	Automatic/Super Light/Super Dark (manual setting)
Resolution	<ul style="list-style-type: none"> • Horizontal 203 dot/inch (8 dot/mm) • Vertical Standard—98 line/inch (3.85 line/mm) Fine, Photo—196 line/inch (7.7 line/mm) Superfine, Photo (copy)—392 line/inch (15.4 line/mm)
Memory Capacity	512 KB (up to 20 pages*)
One Touch Dial	8
Speed Dial	40 stations
Automatic Redial	3 times at 5 minute intervals
Speaker Type	Monitor
Auto Answer	0, 1, 2, 3 or 4 rings
Communication Source	Public switched telephone network
Operating Environment	41 - 95° F
Power Source	120V AC 50/60Hz (U.S.A., Canadian Version Only)
Power Consumption	Standby: under 5 watts — Peak: under 170 watts
Dimensions	12.1 x 13.4 x 7.2 (inches)/ 307 x 341 x 182 (mm)
Weight	9.48 lb / 4.3 kg

* “Pages” refers to the “Brother Standard Chart No. 1” (a typical business letter, Standard resolution). Specifications are subject to change for improvement without prior notice.

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Remote Fax Options

(For FAX 770 Only)

Setting Up Fax Storage



See
Turning on
Fax Storage
next page

You cannot use Paging and Fax Forwarding at the same time.

You cannot use Paging and Fax Forwarding when Fax Storage is set to OFF.

Programming a Fax Forwarding Number

When Fax Forwarding is set to ON, your fax machine stores the received fax in memory, then dials the fax machine phone number you've programmed, and forwards the fax message.

- 1 Press **[Function]**, **[8]**, **[1]**.
- 2 Press **[Left Arrow]** or **[Right Arrow]** until the screen displays

FAX FORWARD?

and press **[Set]**.

FWD#:

ENTER & SET

- 3 Enter the number of the fax machine where faxes will be forwarded (up to 20 digits) and press **[Set]**.
- 4 Press **[Stop]** to exit.

Programming Paging Number

When Paging is selected, your fax machine dials the pager number you've programmed, and dials your Personal Identification Number (PIN) when connected, to activate your pager and let you know you have a fax message in the memory.

- 1 Press **[Function]**, **[8]**, **[1]**.
- 2 Press **[Left Arrow]** or **[Right Arrow]** until the screen displays

PAGING?

and press **[Set]**.

PAG#:

ENTER & SET

3 Enter your pager phone number (up to 20 digits) followed by **# #** and press **Set**. Do not include the area code if it is the same as that of your fax machine. *For example,*
 1 8 0 0 5 5 5 1 2 3 4 # #

4 If your pager requires a PIN, enter the PIN, press **#**, press **Redial/Pause**, enter your fax number, then press **# #** and press **Set**. *For example,*
 1 2 3 4 5 # Redial/Pause 1 8 0 0 5 2 1 2 8 4 6 # #

—OR—

If you do not need a PIN, press **Redial/Pause**, enter your fax number, then press **# #** and press **Set**. *For example,*
 Redial/Pause 1 8 0 0 5 2 1 2 8 4 6 # #

5 Press **Stop** to exit.



You cannot change a Paging number or PIN remotely.

Turning On Fax Storage

If you set Fax Storage to ON, you will be able to retrieve fax messages from another location, using Fax Forwarding, Paging, or Remote Retrieval functions. The screen will indicate when you have a fax stored in memory.

1 Press **Function**, **8**, **2**.

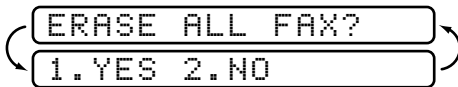


2 Press **Left Arrow** or **Right Arrow** to select ON (or OFF) and press **Set**.

3 Press **Stop** to exit.



If there are faxes in memory when you turn the Fax Storage OFF, the screen prompts you to erase any faxes in memory.



If you press **1**, all fax data is erased and Fax Storage is turned off. If you press **2**, data is not erased, and Fax Storage remains on.

*See
 Printing a
 Fax in Memory
 (For FAX 770 Only)
 p. 27*

Changing Remote Access Code

Enter your Remote Access Code when the fax machine picks up your call, so you can access features remotely. The access code is preset to 1 5 9 *, but you can change this.

*See
Operation from
Extension
Telephone
p. 26*

- 1** Press **Function**, **8**, **3**.
- 2** Enter a three-digit number from 000 to 999. The “*” cannot be changed.
Do not use the same digits that appear in your Fax Receive or Telephone Answer Code.
- 3** Press **Set**.
- 4** Press **Stop** to exit.

Using Remote Access Code

You can call your FAX from any touch tone phone (or remote Group 3 fax machine) and use a Remote Access Code and other button presses to retrieve fax messages.

- 1 Dial your fax number from a touch tone phone.
- 2 When your fax machine answers and beeps, immediately enter your Remote Access Code (1 5 9 *).
- 3 The fax machine signals the kinds of messages received:

1 long beep — Fax message(s)

No long beeps — No messages

- 4 The fax machine then prompts you with two short beeps to enter a command. If you wait longer than 30 seconds to enter a command, the machine hangs up. If you enter an invalid command, the machine beeps three times.
- 5 Press **9 0** to reset the fax machine when you finish.
- 6 Hang up.



If your fax machine is set to MANUAL mode, you can access your machine by waiting about 2 minutes, then entering the Remote Access Code within 30 seconds.

Retrieving Memory Status List

You can retrieve the Memory Status List from a remote fax machine to see if you have any fax messages.

- 1 Dial your fax number.
- 2 When you hear the beep, immediately enter your Remote Access Code (1 5 9 *).
- 3 When you hear two short beeps, use the dial pad to press **9 6 1**.
- 4 Using the dial pad, enter the number (up to 20 digits) of the remote fax machine where you want the Memory Status List forwarded, and then press **# #**.



You cannot use ***** and **#** as dial numbers. However, if you want to store a pause, press **#**.

- 5 After you hear your fax machine beep, hang up and wait.
Your fax machine calls the remote fax machine. The remote fax machine prints the Memory Status List.

Remote Retrieval Access Card

If you plan to receive fax messages while away from your machine, carrying the Remote Retrieval Access Card printed below will serve as a convenient reminder of the retrieval procedures. Simply cut out the card and fold it to fit your wallet or organizer. Keeping it handy will help you derive the full benefit of your machine's forwarding, paging and remote retrieval features.

REMOTE RETRIEVAL ACCESS CARD

Using Remote Access Code

- 1 Dial your fax number from a fax machine using touch tone.
- 2 When your machine answers and beeps, immediately enter your Remote Retrieval Access Code (159*).
- 3 Your machine signals the kinds of messages received:
 - 1 long beep — Fax message(s)
 - No beeps — No messages.
- 4 After 2 short beeps, enter a remote command and follow the steps.
- 5 Press **9 0** to reset your machine when you finish.
- 6 Hang up.

CHECK RECEIVING STATUS

Press **9 7 1**
1 long beep — Fax message(s)
No beeps — No messages

CHANGE ANSWER MODE

Press **9 8**
then for **TAD**, press **1**
FAX/TEL (Fax/Telephone), press **2**
FAX, press **3**.

EXIT REMOTE OPERATION

Press **9 0**

Fold →
← Fold

Retrieving Fax Messages

- 1 Dial your fax number.
- 2 When you hear the beep, immediately enter your Remote Access Code (1 5 9 *).
- 3 As soon as you hear two short beeps, use the dial pad to press 9 6 2.
- 4 Using the dial pad, enter the number (up to 20 digits) of the remote fax machine where you want your fax messages forwarded, and then press ##.



You cannot use * and # as dial numbers. However, if you want to store a pause, press #.

- 5 After you hear your fax machine beep, hang up and wait.
Your fax machine calls the remote fax machine. The remote fax machine prints your fax messages.

Changing Fax Forwarding Number

You can change the default setting of your fax forwarding number from a remote fax machine.

- 1 Dial your fax number.
- 2 When you hear the beep, immediately enter your Remote Access Code (1 5 9 *).
- 3 When you hear two short beeps, use the dial pad to press 9 5 4.
- 4 Enter the new number of the remote fax machine where you want your fax messages forwarded, and then press ##.



You cannot use * and # as dial numbers. However, if you want to store a pause, press #.

- 5 To retrieve the Memory Status List, when you hear two short beeps, use the dial pad to press 9 6 1.
- 6 Use the dial pad to enter the number of the remote fax machine (up to 20 digits), and then press ##.
- 7 After you hear your fax machine beep, hang up and wait.
Your fax machine calls the remote fax machine. The remote fax machine prints the Memory Status List showing the new forwarding number.
- 8 Check the forwarding number.
If the forwarding number is incorrect, return to Step 1 to reset it.

Changing Remote Retrieval Access Code

- 1 For the FAX, press [Function], 8, 3.
- 2 Enter a three-digit number from 000 to 999. The * cannot be changed.
- 3 Press [Set].
- 4 Press [Stop] to exit.

Remote Commands

CHANGE PAGING/FAX FORWARDING SETTING

- Press 9 5.
- then to
- Turn feature off, press 1
 - Select Fax Forwarding, press 2
 - Select Paging, press 3

Program Fax Forwarding Number press 4

- Enter the new fax number where you want your fax messages forwarded, and press ##. To retrieve a Memory Status List to check the new number, after two short beeps, press 9 6 1. Enter the number of the remote fax machine, and press ##.
- Turn Fax Storage on, press 6
- Turn Fax Storage off, press 7

RETRIEVE A FAX

- Press 9 6
- then to
- Print a Memory Status List, press 1. Then enter the number of remote fax machine, and press ##. After the beep, hang up and wait.
 - Retrieve all faxes, press 2. Then enter the number of remote fax machine, and press ##. After the beep, hang up and wait.
 - Erase all fax messages, press 3

2

3

Fold →

← Fold



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3H6

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

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