brother®

OWNER'S MANUAL
MFC-9050
MFC-9550

Product Description

Six performance modes are available for "6 in 1" model MFC-9550: Fax, Printer, Copier, Scanner, PC Fax and Message Manager.

The MFC-9050 is a "3 in 1" model: Fax, Printer, Copier.

REQUEST TO INSTALL SOCKETS

This equipment needs to be connected to a new-style modular telephone socket. If your telephone line does not have such a socket, your local Telephone Area Sales Office can fit one for you. If you have extensions that need re-wiring, your Telephone Area Sales Office can also do this for you, or you can do it yourself using one of the many approved extension kits available on the market. Complete the form below and send it to your local Telephone Area Sales Office, whose address you can find in your telephone directory.

Note that a charge is made for this service.

REQUEST TO INSTALL SOCKET(S)

I/we request the installation of new style telephone socket(s).

Customer's name ....

Address ....

....

....

....

....

Postcode ....

Telephone number ....

Equipment : BROTHER MFC-9050, MFC-9550

APPROVAL CERTIFICATE NUMBER : 608479 (MFC-9050), 608704 (MFC-9550)

Special installation instructions ....

....

....

Customer's signature .... Date ....

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11 Printing Reports

12 Making Copies

13 Setting Up the Machine and Computer to Work Together

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WARNING! Miscellaneous approval conditions

National and European laws state that only approved apparatus may be connected to lines provided by Public Telecommunications Operators (PTOs). In the case of analogue Group 3 fax machines such as your Brother fax, this usually implies compliance with national technical requirements, and an approval certificate issued by the national authorities in the country of original sale/import by Brother.

Any marking or certification of your fax machine to harmonised European "CE Mark" requirements for EMC (Electromagnetic Compatibility), and for user safety according to the European LVD (Low Voltage Directive), **ARE NOT** indicative of approval for connection to public telecommunications lines in a country other than that in which the equipment is approved.

Brother advises that this product will not function correctly in a country other than that in which it was originally offered for sale, and does not offer any warranty in the event that this product is used on public telecommunication lines in a country other than that in which it is approved.

Brother further advises that any use of this equipment in such other countries contravenes national and European laws and in so using, the user renders himself or herself liable to prosecution and possible forfeiture of equipment according to local regulations.

CHAPTER ONE

Introduction

Using This Manual

Thank you for purchasing a Brother Multi-function center (MFC).

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

Additionally, your machine has a Help Key. Press **Help/Broadcast** 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 also 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.

Symbols Used In This Manual

Note or additional information.
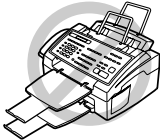
The machine may be damaged or may not work correctly if this is not observed.

Warning. Damage can result if this is not observed.

Features Offered by your Multi-Function Centre

Your MFC-9050 can be used as a fax machine, a copier and as a 600 dpi laser printer. As well as sending and receiving faxes, you can also print, scan and duplicate documents easily and quickly.

In addition to the above features, the MFC-9550 can also be used as a scanner, an answering machine with electronic voice messaging and a PC fax that enables you to send faxes straight from your PC.

Both the MFC-9050 and the MFC-9550 can store faxes in their built-in memory, which enables you to access faxes that you have received while you are out of your office (a feature known as remote retrieval), or to have incoming faxes automatically forwarded to another fax machine for your convenience.

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 dialling. 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 can 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 **RECEIVING**. 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 **RECEIVING**. To cancel the receiving mode, press **Stop**.

When your fax machine is in Fax/Tel **(F/T)** Mode, it answers with a short beep. After this beep, 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 fax 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 dialled. 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 (or answering machine) 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 machine for this feature to work.

MFC-9050
Control Panel Overview

❶ Tel (Telephone)

This key is used to have a telephone conversation having picked up the external handset in F/T pseudo-ringing etc.

❷ R (Recall)

Use this key to gain access to an outside line and/or to recall the operator or transfer a call to another extension when it is connected to a PABX.

❸ Redial/Pause

Re-dials the last number called. Also inserts a pause in autodial numbers.

❹ Speed Dial

Lets you dial stored phone numbers by pressing a two-digit number.

❺ Dial Pad

Dials phone and fax numbers and can be used as a keyboard for entering information into the machine.

❻ Tone

Lets you switch the dialling type during a telephone call from **PULSE** to **TONE**.

❼ Shift

This key is used to access the "13" through "24" One Touch keys. In the printer mode when **Shift** is pressed together with **Test/Reset**, it resets the machine to the factory default settings.

❽ One Touch Dial Keys

These 12 keys give you access to 24 previously stored phone numbers.

❾ Enlarge

Enlarges copies depending on the ratio you select: 200%, 150%, 125%, 120%, and 100%.

❿ Sort

Use this key when you want multiple copies of a multiple page original, copied in order.

⑪ Stop

Stops a fax, cancels an operation or exits from function mode.

⑫ Photo

This key is used to copy photographs.

⑬ Reduce

Reduces copies depending on the ratio you select: 100%, 93%, 87%, 75%, and 50%. You can also use the Auto Reduction function to have the machine automatically calculate the reduction ratio that fits the size of your paper.

⑭ Start

Starts sending a fax.

⑮ Copy

Makes a copy.

⑯ FF/Cont

When the LCD shows **REMAINED DATA**, you can turn the machine **OFFLINE** and then press this key to print the data that is in the memory. Also, it clears some operation and machine errors.

⑰ Print Priority

When this key is pressed, all faxes will be received into memory without first printing and can be printed later. This key also increases the memory available for printing without decreasing memory available for memory transmissions and incoming messages.

⑱ Test/Reset

This key is used to print a test page. When it is pressed together with **Shift**, it clears the data from the printer memory, cancels an error status, and then resets to the factory default settings.

⑲ On/Off Line

This key is used to turn the printer online (ready to receive PC data) and offline (not ready to receive PC data) alternately. When the printer is online, the LCD displays **ONLINE**.

⑳ Help/Broadcast

Prints a quick reference Help List. Also use this key when you want to send a fax to several different locations (maximum 174 locations at once).

㉑ Mode

Select how the machine will handle incoming calls.

㉒ Resolution

Sets the resolution when you send a fax.

㉓ Tel-Index

Lets you look up numbers stored in the dialling memory.

㉔ Volume

Lets you adjust speaker and ring volume.

㉕ Clear

Deletes entered data or moves back one step in function procedure.

㉖ → (Right Arrow) Verify

Moves the LCD cursor to the right. When the machine is idle, you can also use this key to print the Transmission Verification Report for your last transmission.

㉗ ← (Left Arrow)

Moves the LCD cursor to the left.

㉘ Liquid Crystal Display

Displays messages to help you set up and operate your machine.

㉙ Set

Stores a function setting into the machine.

㉚ Menu

Lets you access the function and programming mode.

㉛ Toner Empty LED

The Toner Indicator flashes on and off when toner is low, so you'll know to order another toner cartridge. You will still be able to print until the Indicator stays on.

MFC-9550
Control Panel Overview
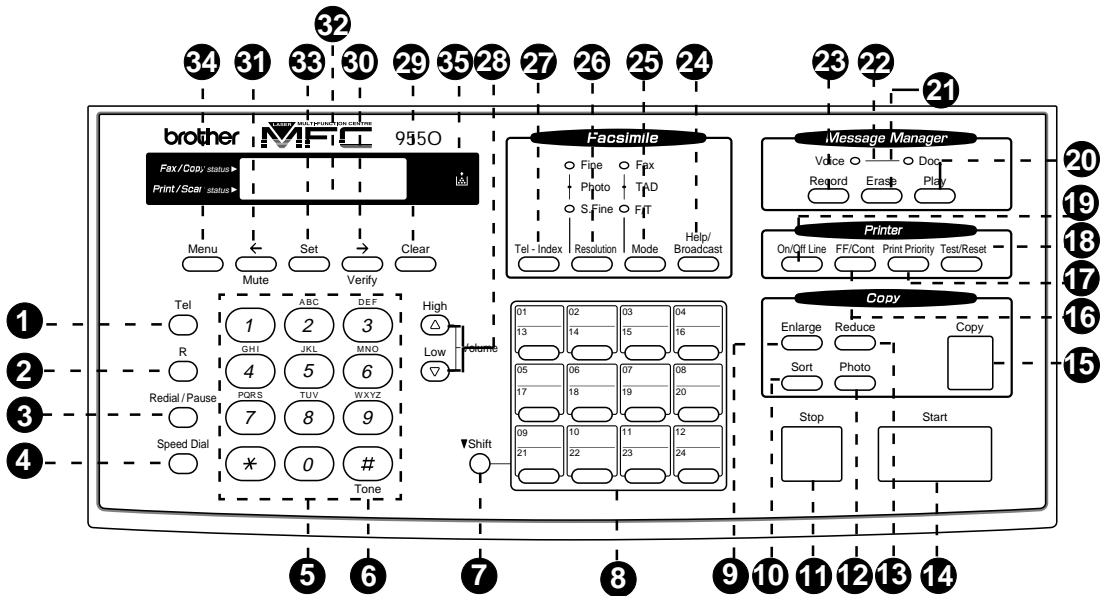
1 Tel (Telephone)
Use to shuttle the line between handset and monitor speaker.

2 R (Recall)
Use this key to gain access to an outside line and/or to recall the operator or transfer a call to another extension when it is connected to a PABX.

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 machine.

6 Tone
Lets you switch the dialling type during a telephone call from **PULSE** to **TONE**.

7 Shift
This key is used to access the "13" through "24" One Touch keys. In the printer mode when **Shift** is pressed together with **Test/Reset**, it resets and restores the machine to the factory default settings.

8 One Touch Dial Keys
These 12 keys give you access to 24 previously stored phone numbers.

9 Enlarge
Enlarges copies depending on the ratio you select: 200%, 150%, 125%, 120%, and 100%.

10 Sort
Use this key when you want multiple copies of a multiple page original, copied in order.

11 Stop
Stops a fax, cancels an operation or exits from function mode.

12 Photo
This key is used to copy photographs.

⑬ Reduce
Reduces copies depending on the ratio you select: 100%, 93%, 87%, 75%, and 50%. You can also use the Auto Reduction function to have the machine automatically calculate the reduction ratio that fits the size of your paper.

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Starts sending a fax.

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Makes a copy.

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This key is used to print a test page. When it is pressed together with **Shift**, it clears the data from the printer memory, cancels an error status, and then resets to the factory default settings.

⑲ On/Off Line
This key is used to turn the printer online (ready to receive PC data) and offline (not ready to receive PC data) alternately. When the printer is online, the LCD displays **ONLINE**.

⑳ Play
Lets you listen to voice messages and outgoing messages stored in memory.

㉑ Erase
Lets you delete voice messages, fax messages or all messages.

㉒ Voice and Doc. Indicator Lights
These lights tell you whether voice messages or faxes are stored in memory.

㉓ Record
Lets you record an Outgoing Message (OGM), memos and telephone calls.

㉔ Help/Broadcast
Prints a quick reference Help List. Also use this key when you want to send a fax to several different locations (maximum 174 locations at once).

㉕ Mode
Select how the machine will handle incoming calls.

㉖ Resolution
Sets the resolution when you send a fax.

㉗ Tel-Index
Lets you look up numbers stored in the dialling memory.

㉘ Volume
Lets you adjust speaker and ring volume.

㉙ Clear
Deletes entered data or moves back one step in function procedure.

㉚ → (Right Arrow) Verify
Moves the LCD cursor to the right. When the machine is idle, you can also use this key to print the Transmission Verification Report for your last transmission.

㉛ ← (Left Arrow) Mute
Moves the LCD cursor to the left. Also, this key lets you put calls on hold.

㉜ Liquid Crystal Display
Displays messages to help you set up and operate your machine.

㉝ Set
Stores a function setting into the machine.

㉞ Menu
Lets you access the function and programming mode.

㉟ Toner Empty LED
The Toner Indicator flashes on and off when toner is low, so you'll know to order another toner cartridge. You will still be able to print until the Indicator stays on.

CHAPTER TWO
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2 Installation

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Packing List

Make sure you have the following items:

**Telephone
Line Cord**

**Wire Extension
(Both wire extensions are same size)**

Dust Cover

**Telephone
Handset**∗

**Handset
Curled Cord**∗

Drum Unit Assembly

Owner's Manual

**Quick Start
Guide**∗

**Document
Tray**

Paper Tray

**Printer Drive
Floppy Disk**∗∗

CD-ROM∗
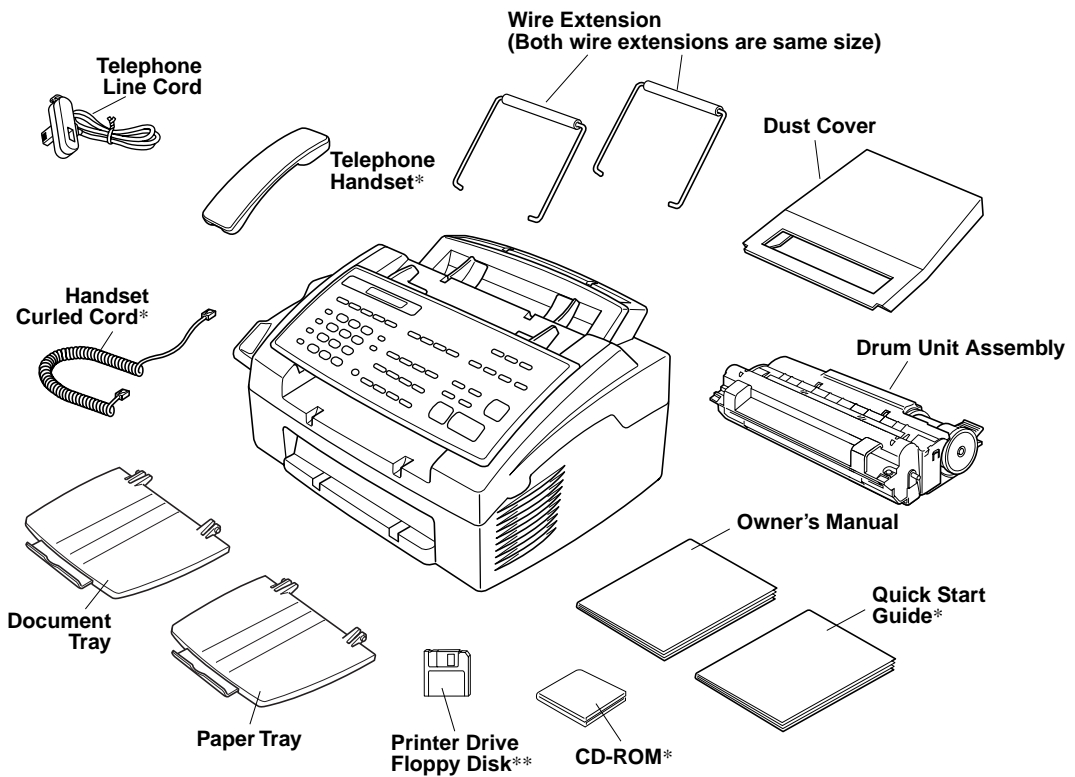
∗ .... Only for MFC-9550

∗∗ .... Only for MFC-9050

Whenever you transport the machine, use the packing materials that
came with your machine and pack the machine correctly.

Choosing a Location

Place your machine on a flat, stable surface, such as a desk. Select a place that is free of vibration and shocks. Locate the machine near a telephone wall socket and a standard earthed electrical socket.
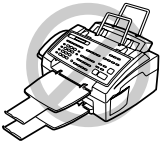
Avoid placing your machine where it may be knocked. Do not place near heaters, air conditioners, water, chemicals or refrigerators. Do not expose the machine to direct sunlight, excessive heat, moisture or dust. Do not connect your machine to electrical outlets controlled by wall switches or automatic timers as 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.

Ensure the airflow from the fan on the right hand side of the machine is not impeded.

⚠ **CAUTION**
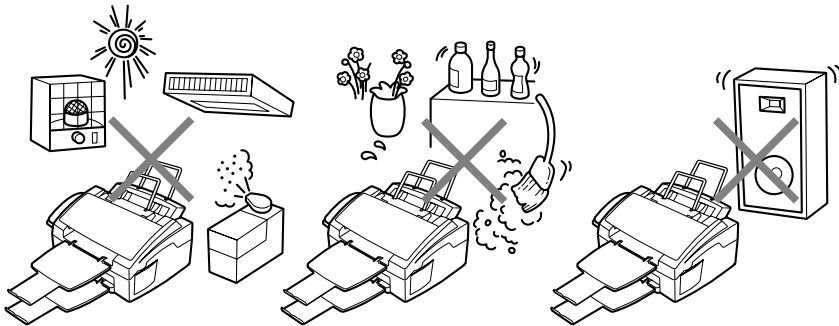
Caution

1 We recommend that this product be used with a surge protection device to protect the product against damage caused by a lightning strike.

2 Never touch telephone wires or terminals that are not insulated unless the telephone line has been disconnected at the network interface.

3 Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

4 Do not use the telephone to report a gas leak in the vicinity of the leak.

Assembly

Install the Drum Unit Assembly (with Toner Cartridge)

1 Unpack the drum unit assembly, including the toner cartridge, and gently rock it from side to side five or six times.

To prevent damage to the drum, do not expose it to light for longer than a few minutes.

Do NOT remove the starter sheet – this will be ejected while the machine is warming up.
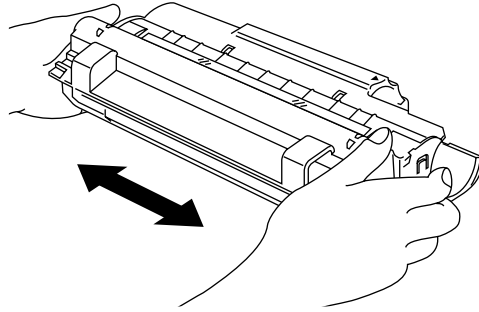
Do NOT remove starter sheet.
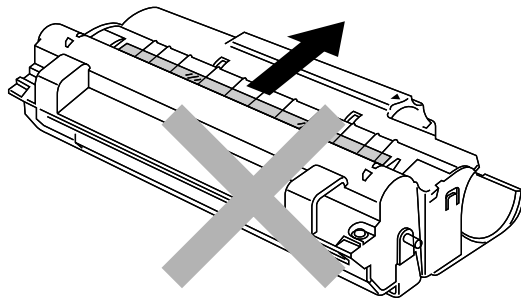
2 Open the top cover of the machine.
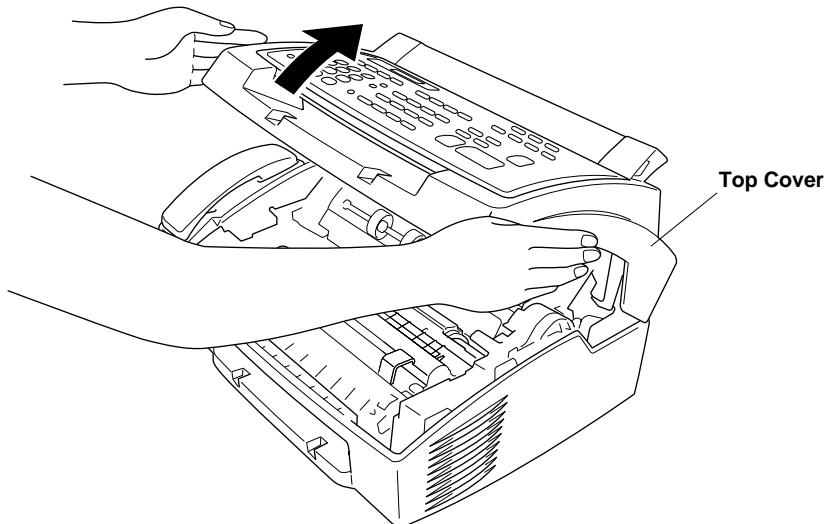
Top Cover

3 Holding the drum unit by its handles, insert it in the machine.
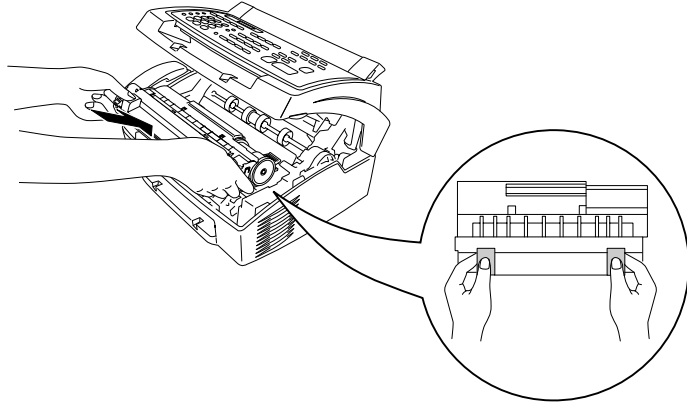
4 Close the top cover.
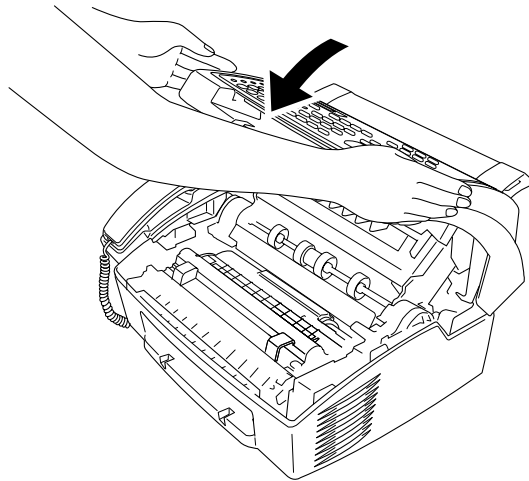
Setting Up the machine

Follow the instructions below to connect the handset (For MFC-9550 only), power cord, and telephone line.
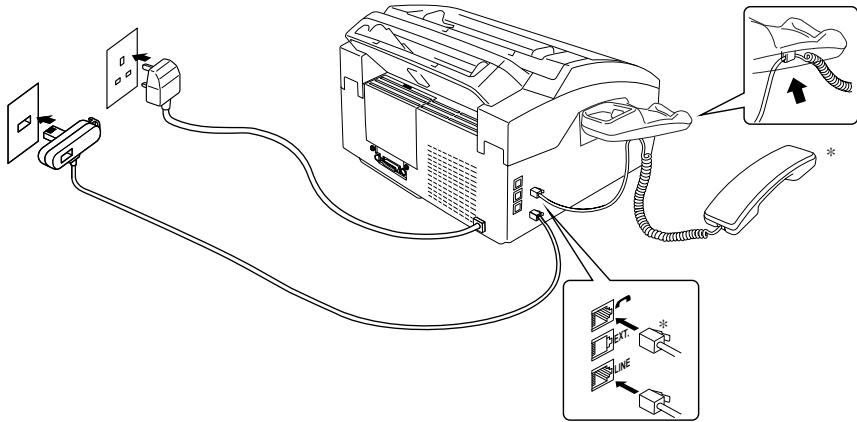
* .... Only for MFC-9550

(Example for the U.K.)

1 Connecting the Handset. (For MFC-9550 only)
Connect the curled handset cord to the bottom of the handset and to the left side of the machine.

2 Connect the power cord.
When you connect the power, the screen displays

```
01/01/1999 00:00
SLEEP
```

IMPORTANT:

If you need to remove the moulded mains plug in order to fit an appropriate type, you must discard the moulded plug immediately having cut it off, in order that it is not inadvertently inserted into a live socket, thus presenting a shock hazard. The wires in the mains lead of this appliance are coloured in accordance with the following code.

> **Green-and-yellow : Earth**
> **Blue   : Neutral**
> **Brown   : Live**

As the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked by the letter "E" or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter "N" or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter "L" or coloured red.

The PC interface is a SELV (Safety Extra Low Voltage) port as defined in EN41003.   It must only be connected with a SELV circuit; only the MFL Pro for Fax cable kit (available in an option pack), satisfies this requirement.

NOTICE:

■ This machine must be fitted with an earthed plug.

■ Since the machine is earthed via the mains plug, 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.

■ Do not touch the rollers at the paper exit.

3 Connect one end of the telephone line cord to the socket marked LINE on the left side of the machine. Connect the other end to the modular wall socket.

4 Attach the wire extensions to the Multi-purpose sheet feeder, and to the document guide base.
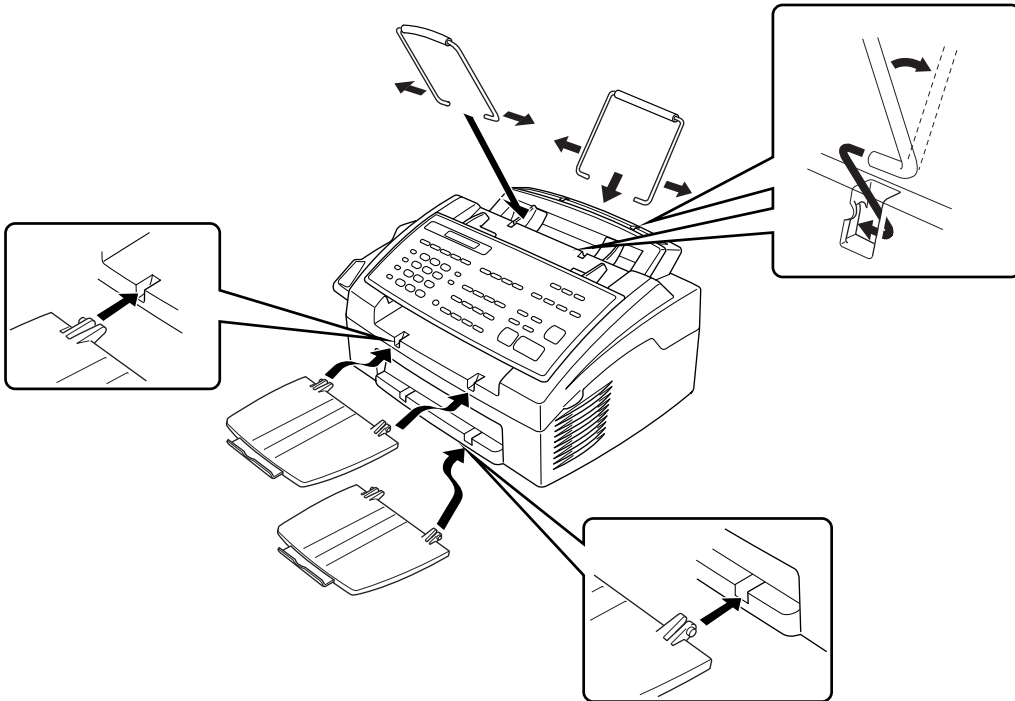
5 Attach the document and paper trays to the machine and pull out their extensions.

Loading Paper

1 Open the Multi-purpose sheet feeder cover.
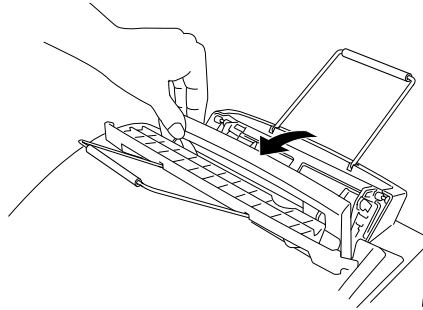
2 Fan the paper well. Load the paper, making sure that the printing surface is towards the fax unit and the paper level is stacked below the triangle mark. The feeder can hold up to 200 sheets of 80gsm paper, or up to 10 envelopes.
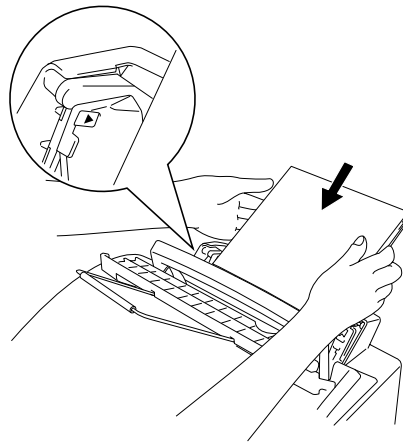
3 Adjust the guides to fit the paper width.
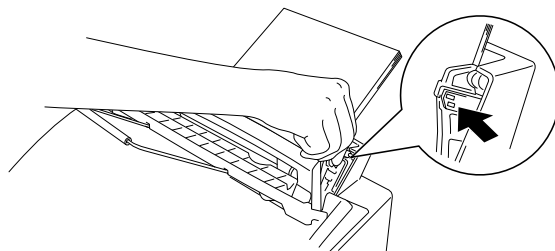
Attaching Dust Cover

■ It is essential to keep the dust cover on your machine to prevent dust from entering the print mechanism.

■ Using the dust cover on your machine will prolong the life of the drum unit.

1 Attach the dust cover to the now open Multi-purpose Sheet Feeder cover, pressing the dust cover sides around the feeder until they snap into place.
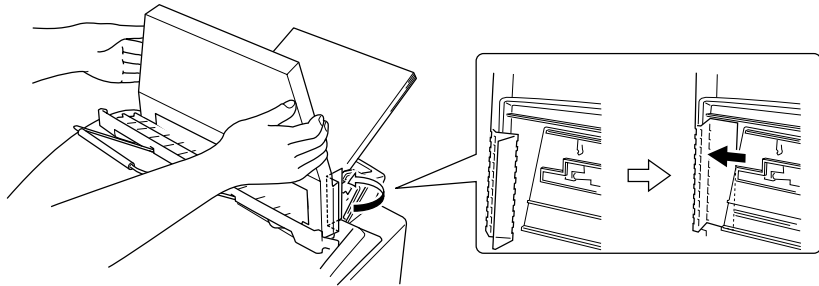
2 Close the Multi-purpose Sheet Feeder cover.
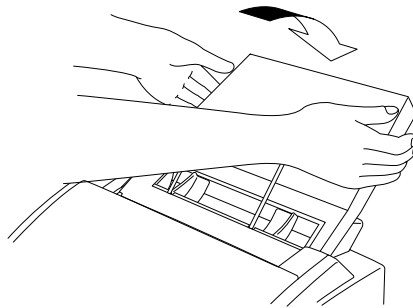
Acceptable Paper

Size   : A4 (210mm x 297mm)
Weight   : 60 g/m^2 – 158 g/m^2
Thickness : 0.08 – 0.20 mm

Multi-Line Connections (PABXs)

Most offices use a central telephone system, or PABX. The machine will work with most PABX or key systems that allow a two-wire analogue connection. However, we recommend that you have a separate telephone line for your machine. You can then leave the machine in Fax Only Mode to receive faxes any time of day or night.

If you are installing the machine to work with a PABX:

1 It is not guaranteed that the unit will operate correctly under all circumstances with a PABX. Any cases of difficulty should be reported first to the company that handles your PABX.

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 dialling.

Ringer Equivalence Number (REN)

This equipment has a REN value of 1. A BT line has a "bell ringing" capacity, or REN, of 4. This means that adding downstream-connected extension telephones and/or extension bells to a total REN of greater than 4 may cause a reduction in the bell volume. In extreme cases, it may cause the auto-answer facility of the machine to fail.

Therefore, up to three additional extension telephones (each assuming a REN of 1), may be connected downstream of your machine. For an explanation of "downstream connection, read "Using extension telephones" which follows.

Unless otherwise marked, a telephone provided by BT may be assumed to have a REN value of 1.

Using Extension Telephones

It may be that your premises are already wired with parallel extension telephones, or you intend to add extension telephones to your line, in addition to your machine. While the simplest arrangement is straightforward parallel connection, there are some reasons as to why this arrangement will cause unsatisfactory service, the most obvious of which is inadvertent interruption of a facsimile transmission by someone picking up an extension telephone in order to make an outgoing call. Additionally, remote activation may not operate reliably in such a simple configuration.

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

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

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

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

INADVISABLE CONNECTION OF EXTENSION SOCKETS
Fig. 1.

RECOMMENDED CONNECTION OF EXTENSION SOCKETS
Fig. 2.
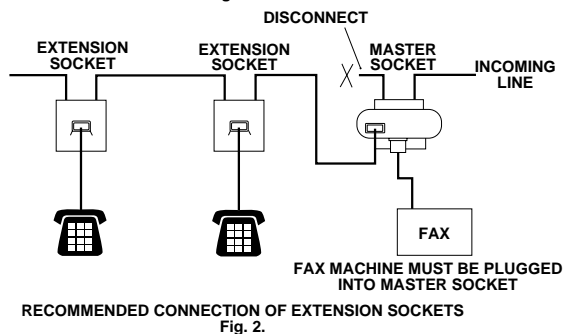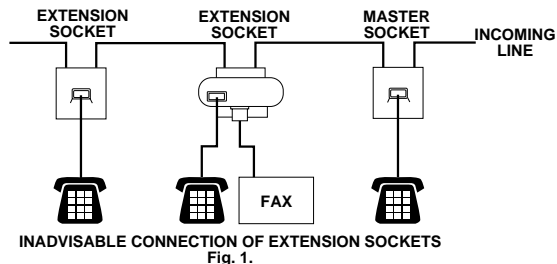
Connecting an External Telephone Answering Device (TAD)

Sequence

You might choose to connect an additional answering machine. When you have an **external** TAD on the same telephone line as the machine, the TAD answers all calls. The machine "listens" for fax calling (CNG) tones. If it hears them, the machine takes over the call and receives the fax. If it doesn't hear the CNG tones, the machine will not answer the call, and messages can be left on the TAD by callers in the normal way.

The TAD must answer within a maximum of four rings. However, we recommend two rings as the TAD setting. The 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. Do not use a "toll-saver" ring setting on the TAD.

It is important that the TAD is connected via the EXT socket on the machine or on the line jack unit. Do not use a line doubler on the line jack as this can cause answering problems.
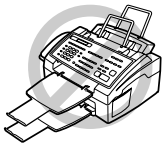
Connections

1 You may connect an external TAD to your machine, as shown below.

(Example for the U.K.)

TAD

TAD
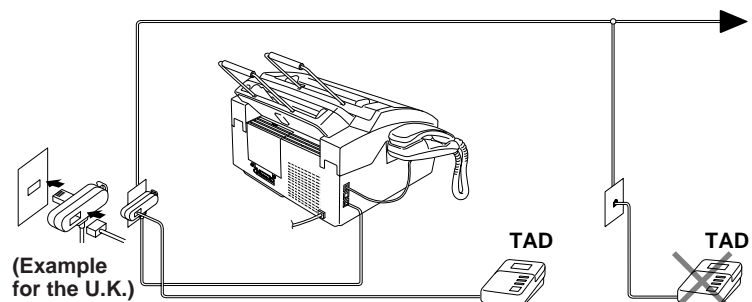
2 Set your external TAD to two rings or less.

3 Record the outgoing message (see below).

4 Set the TAD to answer calls.

5 Set Message Storage (**Menu**, **1**, **8**, **1**) to **VOICE:EXT**. (Only for MFC-9550)

6 Set the Answer Mode to TAD.

Outgoing Message (OGM) of External TAD

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

1 We recommend the outgoing message (OGM) is no longer than 20 seconds.

2 Allow 5 seconds of silence at the beginning of your message. (This allows the fax to detect the calling tone prior to OGM, so reception can be faster.)

3 We recommend that you end your OGM by giving your Remote Activation Code for people sending manual faxes. For example: "After the beep, leave a message or send a fax manually by pressing ✳51 and Start."

Please note that some faxes that are sent manually cannot be received automatically because some fax machines do not send a fax tone if the call is manually dialled. In these cases you must inform callers that they must enter the remote activation code to send a fax.

Connecting an External Telephone

Your 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) to your machine, as shown below.

(Example for the U.K.)
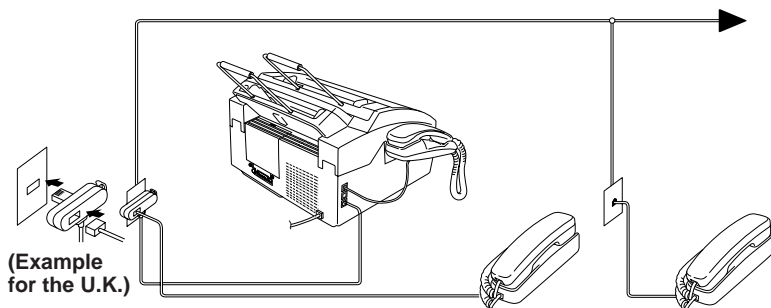
Whenever this external phone (or TAD) is in use, the screen displays **EXT. TEL IN USE**, and, if the machine's handset is lifted, an alarm sounds.
To disconnect the call on the external phone and switch to the fax machine, lift the handset and press **Tel** (for MFC-9550 only).

C H A P T E R   T H R E E

On-Screen Programming

* * *

User-Friendly Programming

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

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

Function Mode

You can access the Function Mode by pressing **Menu**.

When you enter the Function Mode, your 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 LCD.

You can "scroll" more quickly through the available 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.)

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

Before you press **Set**, you can correct any mistake you have made entering information in a field using the dial pad. Use ← to back up and then type over the incorrect characters. When you finish a function, the screen displays **ACCEPTED**.

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 that when you place a document in the feeder, you can either dial a number to send it as a fax or press the **Copy** key to make a copy of the document.

```
FAX: NO. & START
```

```
COPY: PRESS COPY
```
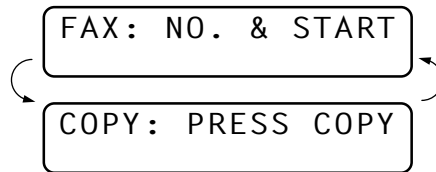
Function Selection Table

If you have a basic understanding of how to program your 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 available, use the Function Selection Table below.

< 1. FAX MENU FUNCTIONS >

1. INITIAL SETUP			
Function	**Description**	**Factory Set**	**Chapter**
1. TONE/PULSE	Select the dialling mode.	**TONE**	4
2. DATE/TIME	Enter date and time for LCD display and to print on transmissions.	01/01/1999 00:00	4
3. STATION ID	Program the name, fax number and telephone number to appear on each transmitted page.	--	4
4. BEEPER	Adjust the volume level of the beeps when you press a key, an error occurs or a document is sent or received.	**LOW**	4
5. PBX	Turn on if PABX (Private Automatic Branch Exchange) is connected to your machine.	**OFF**	4
6. CLOCK CHANGE	Adjust the machine's clock by one hour for summer/winter time.	--	4
7. SLEEP MODE	Power save mode.	**00 Min.**	4

2. SETUP RECEIVE

Function	Description	Factory Set	Chapter
1. RING DELAY	Number of rings before the machine answers in Fax/Tel (**F/T**), Fax or TAD (Message Manager for MFC-9550) mode.	**RING DELAY:02** **TOLL SAVER:OFF** (MFC-9550)	5
2. F/T RING TIME	Sets the time for F/T pseudo-ring in Fax/Tel (**F/T**) mode.	**30**	5
3. FAX DETECT	Receive fax messages without pressing the **Start** key.	**ON**	5
4. REMOTE CODE	Enter code to activate or deactivate your machine from a remote location.	**OFF** (✱51, #51)	5
5. REDUCTION	Reduces size of image.	**AUTO**	5
6. MEM. RECEIVE	Automatically stores any incoming faxes in its memory if it runs out of paper.	**ON**	5
7. PRINT DENSITY	Adjusts printing to be lighter or darker.	--	5
8. POLLING RX	You call another fax machine to receive a fax from it.	--	5
9. TONER SAVE	Increase life of toner cartridge.	**OFF**	5
0. PC INTERFACE (Only for MFC-9550)	ON/OFF	**ON**	5

3. SETUP SEND

Function	Description	Factory Set	Chapter
1. COVERPG SETUP	Automatically sends a programmable cover page or prints a sample cover page.	**OFF**	6
2. COVERPAGE NOTE	Program a customized message for fax cover page.	--	6
3. CONTRAST	Change the lightness or darkness of a fax you are sending.	**AUTO**	6
4. RESOLUTION	Allows you to change resolutions page by page.	**STANDARD**	6
5. OVERSEAS MODE	Special setting for international transmissions.	**OFF**	6
6. CALL RESERVE	You can send a fax, then speak to the person operating the other fax machine or print a sample call back message.	**OFF**	6
7. TIMER	Set the machine to send your documents later.	--	6
8. POLLED TX	Set Polled Transmission for someone to poll your fax machine to receive a fax from you.	--	6
9. REAL TIME TX	**NEXT FAX ONLY**/**ON**/**OFF**	**OFF**	6

4. REMAINING JOBS

Function	Description	Factory Set	Chapter
	Cancel a delayed fax (timer) or polling job.		5, 6

5. INTERRUPT

Function	Description	Factory Set	Chapter
	Send a fax now, even if you have the machine set to send a fax later, or if you have it set for Polling.		6

6. SET QUICK-DIAL

Function	Description	Factory Set	Chapter
1. ONE-TOUCH DIAL	Dial numbers stored in memory by pressing only one key.	--	7
2. SPEED-DIAL	Dial numbers stored in memory by pressing only three keys.	--	7
3. SETUP GROUPS	Set up a Group number for broadcasting.	--	7

7. PRINT REPORTS

Function	Description	Factory Set	Chapter
1. XMIT REPORT	Print confirmation of transmission after each document is sent.	**OFF**	11
2. JOURNAL	Lists information about the last 50 incoming and outgoing faxes.	**JOURNAL:OFF**	11
3. QUICK-DIAL	Lists names and numbers stored in One Touch and Speed Dial memory (in numerical order).	--	11
4. TEL. INDEX	Alphabetical list of stored numbers.	--	11
5. SYSTEM SETUP	Lists various system settings.	--	11
6. MEMORY STATUS	Lists information about memory use.	--	11

8. REMOTE FAX OPT (MFC-9050 Only)

Function	Description	Factory Set	Chapter
1. FAX FWD	Set your fax machine to forward faxes.	**OFF**	9
2. FAX STORAGE	Store incoming faxes into memory for remote retrieval.	**OFF**	9
3. REMOTE ACCESS	Set code for retrieving faxes.	159✶	9
4. PRINT DOCUMENT	Print incoming faxes stored in the memory.	--	5

8. SETUP TAD (MFC-9550 Only)

Function	Description	Factory Set	Chapter
1. MESSAGE STORE	Select if memory will store fax, voice or both.	**DOC:OFF VOICE:ON**	10
2. BACKUP PRINT	Automatically prints a copy of faxes received into memory.	**ON**	10
3. OGM	Select/Record outgoing messages.	**TAD MESSAGE**	5, 10
4. ICM MAX. TIME	Select maximum length of incoming messages.	35 seconds	10
5. ICM REC. MONITR	Select ON or OFF to screen voice messages as they come in.	**ON**	10
6. FAX FWD/PAGING	Set fax machine to forward fax/message —**OR**— to call your pager.	**OFF**	10
7. REMOTE ACCESS	Set code for retrieving messages.	159✶	10

0. MISCELLANEOUS

Function	Description	Factory Set	Chapter
2. CALLER ID (Only for the U.K)	View and dial back, or print a list of the last 30 Caller IDs stored in memory.	**ON**	5

< 2. PRINTER MENU FUNCTIONS (Only for MFC-9550) >

1. PRINT OPTIONS

Function	Description	Factory Set	Chapter
1. INTERNAL FONT	You can print resident fonts to check and confirm font types	--	14
2. CONFIGURATION	Printer settings and status are listed here.	--	14

2. RESET PRINTER

Function	Description	Factory Set	Chapter
1. FACTORY RESET	You can restore factory default settings and temporary settings for the printer back to factory default settings.	--	14
2. HEX DUMP MODE	If you set **HEX DUMP MODE**, all the PC data is printed in hexadecimal, for testing purposes.	--	14

CHAPTER FOUR

Initial Setup

Getting Started

Setting the Dialling Mode (Tone/Pulse)

Your machine is initially set to **TONE**. If you are using a **PULSE** dial line, you can change the setting to **PULSE** by following the steps below.

1 For the MFC-9050, Press **Menu**, **1**, **1**.
For the MFC-9550, Press **Menu**, **1**, **1**, **1**.
The screen prompts you to select **TONE** or **PULSE**.

> DIALLING:TONE

> DIALLING:PULSE

2 Use ← or → to select the dialling mode.

3 Press **Set** when the screen displays the dialling mode you want.

4 Press **Stop** to exit.

Although this equipment can use either Pulse or Tone signalling, only the performance of the Tone signalling is subject to regulatory requirements for correct operation. It is therefore strongly recommended that the equipment is set to use the Tone signalling for access to public or private emergency services. The Tone signalling also provides faster call set up.

Setting the Date and Time

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

In the event of a power failure, the machine maintains date and time information for about 15 hours (MFC-9550) or about 12 hours (MFC-9050). All other settings remain unaffected.

1 For the MFC-9050, Press **Menu**, **1**, **2**.
For the MFC-9550, Press **Menu**, **1**, **1**, **2**.
The screen prompts you to enter the year.

ENTER YEAR:XX

2 Enter the last two digits of the year. The screen displays your entry.

3 Press **Set**. The screen prompts you to enter the month.

ENTER MONTH:XX

4 Enter two digits for the month (for example, enter 09 for September, or 10 for October). The screen displays your entry.

5 Press **Set**. The screen prompts you to enter the day.

ENTER DAY:XX

6 Enter two digits for the day (for example, 06). The screen displays your entry.

7 Press **Set**. The screen prompts you to set the time.

ENTER TIME:XX:XX

8 Enter the time in 24-hour format (for example, enter 15:25 for 3:25 PM).

9 Press **Set**.

10 Press **Stop**. The screen now displays the date and time you set, and displays it whenever the machine is standing by.

Setting the Station ID

See "Composing an Electronic Cover page" chap. 6

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

It is important that you enter the fax and telephone numbers in the internationally standardized format, i.e. in accordance with the following strict sequence:

- The "+" (plus) character

- Your Country Code (e.g. "44" for the United Kingdom, "41" for Switzerland)

- Your local area code minus any leading "0" ("9" in Spain)

- A space

- Your number on the local exchange, using spaces to aid readability as appropriate.

As an example, your machine is installed in the United Kingdom, is to be used for both fax and voice calls, and your national telephone number is 0161-444 5555, then you must set the fax and telephone number parts of your station ID as: +44 161-444 5555

1 For the MFC-9050, Press **Menu**, **1**, **3**.
For the MFC-9550, Press **Menu**, **1**, **1**, **3**.
The screen prompts you to enter your fax number.

> FAX:

See "Entering Text" in this chapter

2 Enter your fax number (up to 20 digits). The screen displays your entry.

3 Press **Set**. The screen prompts you to enter your telephone number.

> TEL:

4 Enter your telephone number (up to 20 digits). If your telephone number and fax number are the same, enter the same number again. The screen displays your entry.

5 Press **Set**. The screen prompts you to enter your name or your company name.

> NAME:

6 Use the dial pad to enter your name (up to 20 characters). (You can use the following chart to help you enter letters.)

7 Press **Set** to confirm.

8 Press **Stop**. The screen returns to the date and time.

■ The telephone number you entered is used only for the 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.

Entering Text

When you are setting certain functions, such as the Station ID, you may need to enter text into the 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	five times
2	A	B	C	2	A
3	D	E	F	3	D
4	G	H	I	4	G
5	J	K	L	5	J
6	M	N	O	6	M
7	P	Q	R	S	7
8	T	U	V	8	T
9	W	X	Y	Z	9

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 **Clear**; all 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 $\ast$ for   (space) ! " **#** $ % & ' ( ) $\ast$ + , - . /

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

Press 0 for   Ä Ë Ö Ü À Ç È É 0

Setting the Beeper Volume

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

1 For the MFC-9050, Press **Menu**, **1**, **4**.
For the MFC-9550, Press **Menu**, **1**, **1**, **4**.

2 Press ← or → to select your setting.

3 When the screen displays the setting you want, press **Set**.

4 Press **Stop** to exit.

PABX and TRANSFER

Your machine is initially set to be connected with PSTN (Public Switched Telephone Network) lines. However, many offices use a central telephone system or Private Automatic Branch Exchange (PABX). Your fax can be connected to most types of PABX. You can easily gain access to the outside line from your fax connected to PABX by just pressing **R**.

Also, you can transfer a call to another extension by pressing **R**.

Setting PABX

If your machine is connected to a PABX system, set **PBX:ON**. If not, set **OFF**.

1 For the MFC-9050, Press **Menu**, **1**, **5**.
For the MFC-9550, Press **Menu**, **1**, **1**, **5**.
The screen displays
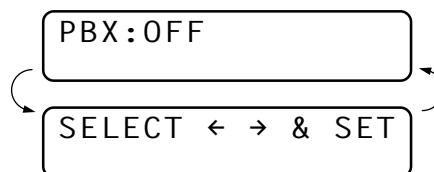
```
PBX:OFF

SELECT ← → & SET
```

2 Press ← or → to select **ON** (or **OFF**).

3 Press **Set** when the screen displays your selection.

4 Press **Stop** to exit.

You can program an **R** keypress as part of a number stored in a One Touch or Speed Dial location. When programming the One Touch or Speed Dial number (Function menu 6-1 or 6-2) press **R** first (the screen displays "**!**"), then enter the telephone number. If you do this, you do not need to press **R** each time before you dial using a One Touch or Speed Dial location. (See chap. 7.)

However, if **PBX** is set to **OFF**, you can't use the One Touch or Speed Dial number that the **R** keypress is programmed into.

Setting the Clock Change

You can easily let the machine's clock gain or lose one hour by using this feature.

1 For the MFC-9050, Press **Menu**, **1**, **6**.
For the MFC-9550, Press **Menu**, **1**, **1**, **6**.
The screen displays

```
TO SUMMER TIME ?
```

```
SELECT ← → & SET
```
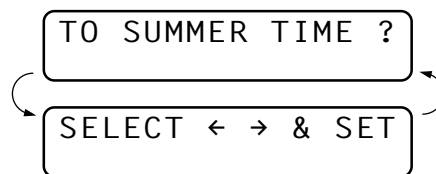
2 Press ← or → to select Summer time to gain an hour or Winter time to lose an hour.

3 Press **Set**.

4 Press **1** to change to Winter time or Summer time. —**OR**— Press **2** to exit without changing.

Sleep Mode

Setting the Sleep Mode reduces power consumption while the machine is idle. You can choose how long the machine is idle (from 00 to 99 minutes) before it drops into sleep mode. The timer automatically resets when the machine receives a fax or PC data, or makes a copy. The factory setting is 0 minutes.

1 For the MFC-9050, Press **Menu**, **1**, **7**.
For the MFC-9550, Press **Menu**, **1**, **1**, **7**.

2 Use the dial pad to enter the amount of time the machine is idle before it drops into sleep mode (00 to 99).

3 Press **Set**.

4 Press **Stop** to exit.

Setting the Speaker Volume

You can adjust the speaker volume when your machine has dialled (onhook dialling) and the line is connected. You can turn the volume OFF or you can select a volume level.

Press △ or ▽ 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.

If you have a MFC-9550, you can adjust the speaker volume while you are listening to your OGM (Outgoing Message) and ICMs (incoming messages).

If you turn the Incoming Recording Monitor to **OFF** (**Menu**, **1**, **8**, **5**) on the MFC-9550, the Speaker for screening calls will be disabled and you will not be able to hear callers leaving messages. The volume for other operations can still be controlled using △ and ▽.

Setting the Ring Volume

You can adjust the ring volume when your machine is idle. You can turn the ring **OFF**.

Press △ or ▽ to adjust the volume level. With each key press, the 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

Your machine is equipped with an internal battery that will keep the date and time information for up to 12 hours (MFC-9050), about 15 hours (MFC-9550) after power has been cut off. After that time, the date and time will be lost and you will have to re-enter the information. In the event of a power failure, all settings in the **INITIAL SETUP**, **SETUP RECEIVE**, **SET QUICK-DIAL**, **REMOTE FAX OPT** (MFC-9050) and **SETUP TAD** (MFC-9550), plus the **COVERPG SETUP** and **COVERPAGE NOTE** (from **SETUP SEND)** functions are stored permanently.

On the MFC-9550, it will retain the data for Out-of-Paper Reception and Message Manager for up to 9 hours after a power interruption.

CHAPTER FIVE

Setup Receive

Basic Receiving Operations

Select Answer Mode

If you have the model **MFC-9050**, you'll need to connect an external telephone if you wish to use the Fax/Tel (**F/T**) or Manual Mode.

Answer Mode ($\circ$ means light off. $\overset{\backslash | /}{\bullet}$ means light on.)		**For**
1. **Manual**	$\circ$ **Fax** $\vert$ **TAD** $\circ$ **F/T**	You must answer all calls yourself. If you hear fax tones, press **Start** to begin receiving the fax, then hang up.
2. **Fax Only**	$\overset{\backslash | /}{\bullet}$ **Fax** $\vert$ **TAD** $\circ$ **F/T**	The 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. (This setting is recommended if the fax machine is on its own dedicated line.)
3. **Fax/Tel** (F/T)	$\circ$ **Fax** $\vert$ **TAD** $\bullet$ **F/T**	The 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 an F/T pseudo-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).

See "Fax/Tel (F/T) Mode Only" in this chapter

4. **TAD**
$\begin{pmatrix} \text{For MFC-} \\ 9050 \end{pmatrix}$

☀ **Fax**

│ **TAD**

● **F/T**
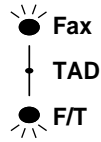
This is the only setting in which you can use an **external** answering machine. Your telephone answering device is connected to your machine, and answers every call. Once the external telephone answering device (TAD) answers, the machine listens for fax tones. If it detects fax tones, Fax messages are printed.

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

5. **TAD**

$\begin{pmatrix} \text{For MFC-} \\ 9550 \end{pmatrix}$

☀ **Fax**

│ **TAD**

● **F/T**
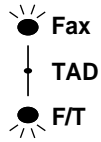
The MFC-9550 provides you with a built-in digital Message Manager for fax and voice. When you set the machine to answer calls, it will record up to 20 minutes of messages. For more information about Message Manager operation, please see chap. 10.

Manual Reception (Manual Mode)

When you set the Answer Mode to manual, you must answer each incoming call yourself. Here is what you should do when using Manual Mode:

If You Get a...	Then You Should...
1. Regular phone call	Talk as you normally would.
2. Phone call and request to send a fax	Press **Start** when finished talking, and replace the handset. **NOTE:** Sender must also press **Start**.
3. Fax tone...	Press **Start**, and replace the handset.

Automatic Fax Only Reception (Fax Mode)

You can automatically receive all your faxes in Automatic Fax Reception mode (**Fax** light is on). Select this mode by pressing **Mode**.

Setting the Ring Delay

The Ring Delay setting determines the number of times the machine rings before it answers.

1 For the MFC-9050, Press **Menu**, **2**, **1**.
For the MFC-9550, Press **Menu**, **1**, **2**, **1**.
If you have a MFC-9050, go to Step 4.

2 Press ← or → to select **RING DELAY**.

3 Press **Set**.

4 Press ← or → to select how many times the line rings before the machine answers (01-04 or 02-04 for IRE).

5 Press **Set** when the screen displays your selection.

6 Press **Stop** to exit.

Setting the F/T Ring Time

You need to determine how long the machine will notify you with its special F/T pseudo-ring when you have a voice call. This ringing happens *after* the initial ringing from the phone company. Only the machine rings, for 20, 30, 40 or 70 (for the U.K. and others) or 20, 30, 40, or 55 (for IRE) seconds; no other phones on the same line ring the special F/T pseudo-ring.

1 For the MFC-9050, Press **Menu**, **2**, **2**.
For the MFC-9550, Press **Menu**, **1**, **2**, **2**.

2 Press ← or → to select how long the machine will ring to alert you that you have a voice call.

3 Press **Set** when the screen displays your selection.

```
RING TIME:30 SEC
```

4 Press **Stop** to exit.

Now, when a call comes in and the machine is set to Fax/Tel (**F/T**) Mode, all phones on this line will ring the number of times you selected in Ring Delay.

You can let the 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 an F/T pseudo-ring for the length of time you selected in F/T Ring Time.

Even if the caller hangs up during the F/T pseudo-ringing, the machine continues the F/T pseudo-ringing for the set time.

Please note that some faxes cannot be received automatically in Fax/Tel (**F/T**) Mode, because some fax machines do not send the standard Group 3 calling tone ("CNG").

IMPORTANT: This machine does not re-generate ringing conditions to any extension telephones. Any such extension telephones will only ring during the period set on ring delay.

Recording the Fax/Tel Outgoing Announcement (F/T MESSAGE) (Only for MFC-9550)

This is the announcement played by your machine (not an external TAD) when someone calls and your machine is set to Fax/Tel (**F/T**) Mode. Although callers hear your announcement, they cannot leave a message. To erase the announcement, follow the directions in chapter 10, "Erasing the Outgoing Message".

1 Press **Menu**, **1**, **8**, **3**.
The screen prompts you to choose **F/T MESSAGE**, **TAD MESSAGE** or **PAGING MSG.**

2 Press ← or → to select **F/T MESSAGE**.

3 Press **Set**.

4 Press **Record**, then pick up the handset to record a message.

5 Replace the handset. Your announcement is played.

6 Press **Stop** to exit.

It is not necessary to have an outgoing message. The Fax/Tel (**F/T**) Mode will work fine without one. It is only to help the caller understand the status of your machine.

For example, you can leave a message that says:

"Hello, please wait, we are trying to connect you. If you wish to send a fax, please wait until you hear a fax tone and press the Start key, or, press ✳51 (your three-digit remote activation code) and press the Start key."

Fax Detect

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 for several seconds. When you see **RECEIVING** on the fax screen or when you hear "chirps" through the handset of an extension phone connected to another wall socket, just replace the handset, and your machine does the rest. Selecting **ON** allows the machine to receive fax calls automatically, even if you lift the handset of an extension or external phone. Selecting **SEMI** (Only for MFC-9550) lets the fax machine receive the call only if you've answered it at the machine. Selecting **OFF** means you'll have to activate the machine yourself, by pressing **Start** or by pressing ✶ **5 1** if you are not at your machine.

1 For the MFC-9050, Press **Menu**, **2**, **3**.
   For the MFC-9550, Press **Menu**, **1**, **2**, **3**.

2 Use ← or → to select **ON**, **SEMI** (MFC-9550) or **OFF**.

3 Press **Set** when the screen displays your selection.

4 Press **Stop** to exit.

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

Printing a Reduced Incoming Document

You can always reduce the size of an incoming fax to a fixed percentage with your machine. If you choose **AUTO**, the machine chooses the level of reduction for you regardless of the original size of the incoming document.

1 For the MFC-9050, Press **Menu**, **2**, **5**.
   For the MFC-9550, Press **Menu**, **1**, **2**, **5**.
   The screen displays

```
5.REDUCTION
```

2 Use ← or → to select the reduction ratio you want—**AUTO**, **100%**, **93%** or **87%**. Choose **100%** if you don't want a reduction.

3 Press **Set** when the screen displays your selection.

4 Press **Stop** to exit.

If you receive faxes that are split on two pages, change the reduction to **AUTO** —**OR**— choose a lower reduction percentage.

NOTE: ■ When you use Auto Reduction to reduce incoming documents to fit on one page of recording paper, you can do so only as long as the original document is not longer than 35 cm. If the original is longer than 35 cm, the data will not be reduced and will carry over to print on a second page.

■ When you use Auto Reduction and you receive an incoming document that is smaller than your recording paper, no reduction will take place, and you will get the same size recorded as the original.

Reception into Memory

As soon as the paper cassette becomes empty during fax reception, the screen will display **CHECK PAPER**; please put some paper in the paper cassette (see chap. 1).

If the MEMORY RECEPTION setting is ON at this time…

The current fax reception will continue, with the remaining page(s) being stored in memory, subject to available memory. Subsequent incoming faxes will also be stored into memory until the memory is full, following which no further incoming fax calls will be automatically answered; all data will be printed as soon as fresh paper is put in the paper cassette.

If the MEMORY RECEPTION setting is OFF at this time…

The current fax reception will continue, with the remaining page(s) being stored in memory, subject to available memory. Subsequent incoming fax calls will not be automatically answered until fresh paper is put in the paper cassette. The last fax received will be printed as soon as fresh paper is put in the cassette.

1 For the MFC-9050, Press **Menu**, **2**, **6**.
For the MFC-9550, Press **Menu**, **1**, **2**, **6**.
The screen displays

    6.MEM.RECEIVE

2 Use ← or → to select **ON** or **OFF**.

3 Press **Set** when the screen displays your selection.

4 Press **Stop** to exit.

Setting the Print Density

If your machine is printing too light or too dark, you can adjust the print density level. The new setting will remain until you change it again.

1 For the MFC-9050, Press **Menu**, **2**, **7**.
For the MFC-9550, Press **Menu**, **1**, **2**, **7**.

2 Press ← or → to select your setting. Each key press changes the print density to the next setting.

3 When the screen shows the setting you want, press **Set**.

4 Press **Stop** to exit.

Toner Save

You can conserve toner using this feature. When you set Toner Save to ON, print appears somewhat lighter. The default setting is **OFF**.

1 For the MFC-9050, Press **Menu**, **2**, **9**.
For the MFC-9550, Press **Menu**, **1**, **2**, **9**.

2 Press ← or → to turn **ON** (or **OFF**).

3 Press **Set**.

4 Press **Stop** to exit.

Advanced Receiving Operations

Operation from an External or Extension Telephone

An external phone is a telephone that is plugged into your machine (either into the machine's EXT socket or into the back of the connector that plugs into the telephone wall socket). An extension phone is another phone on the same phone number as your machine, but plugged into a different telephone wall socket. For example, your machine may be connected to a phone line in your study, and you may have another phone on the same line (and same phone number) in your kitchen. This feature enables you to answer the phone in the kitchen if it rings while you are making a coffee, knowing that you can transfer the call to your machine if the incoming call is a fax.

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

See "Setting the F/T Ring Time" in this chapter

If the machine answers a voice call and F/T pseudo-rings for you to take over, use the Deactivation Code **# 5 1** to take the call at an extension phone. The Deactivation Code is used only in Fax/Tel (**F/T**) Mode.

If you answer a call, and no one is on the line, assume you're receiving a fax. At the 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 **RECEIVING**) before you hang up. (Your caller will have to press **Start** to send the fax.)

If you accidentally pick up an extension phone when a fax message is being received, you may disrupt the transmission or render some portions unreadable.

See "Outgoing Message (OGM) of External TAD" chap. 2

Extension telephones are not permitted in some countries, in such a case the Deactivation Code will not work.

The Remote Activation Code can also be used by your callers. When you are using an external TAD, your outgoing message (OGM) should end with the statement "to send a fax, press ✳ **5 1**".

For Fax/Tel (F/T) Mode Only

When the machine is in Fax/Tel (**F/T**) Mode, it will use the F/T Ring Time (F/T pseudo-ringing) to alert you to a voice call. If you're at the machine, you can lift the external telephone's handset (and press **Tel** for MFC-9050) 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 F/T pseudo-rings. If no one is on the line, or if someone wants to send you a fax, send the call back to the machine by pressing **⋆ 5 1**.

Changing Remote Codes

Remote Codes might not work with some telephone systems. The preset Activation Code is **⋆ 5 1**. The preset Deactivation Code is **# 5 1**.

If you are always disconnected when accessing your external TAD remotely, try changing the Activation Code from **⋆ 5 1** to **# # #** and the Deactivation Code from **# 5 1** to **1 1 1**. You cannot use the same number for the Activation Code and the Deactivation Code.

To change Remote Codes

1 For the MFC-9050, Press **Menu**, **2**, **4**.
   For the MFC-9550, Press **Menu**, **1**, **2**, **4**.

2 Press ← or → to select **ON** (or **OFF**).

REMOTE ACT.:ON

3 Press **Set** when the screen displays the setting you want.

4 If you want to, enter a new Remote Activation Code, then press **Set**.

ACT.CODE:⋆51

5 If you want to, enter a new Remote Deactivation Code, then press **Set**.

DEACT.CODE:#51

6 Press **Stop** to exit.

Printing a Fax from Memory (Only for MFC-9050)

See "Setting Fax Storage" chap. 9

If you have fax storage **ON** for remote retrieval, you can still print a fax from the machine's memory when you are at your machine:

1 Press **Menu**, **8**, **4**.

2 Press **Start**.

3 After all the data saved in the memory is printed out. Press **Stop**.

Caller ID (Caller IDentification) (Only for the U.K.)

Caller ID is a telephone service that allows the subscriber to see a display of the caller's phone number as the telephone rings. It is a fast way to screen your calls. You can respond quickly to calls you missed, because Caller IDs are received and stored in your machine's memory. In addition to the standard Caller ID features, you can select a Caller ID and have your machine dial the number for you.

NOTE: ■ To get the Caller ID Service: apply for the Caller ID service at your local telephone company, if available.

■ To PABX Users :
Calling line identification signals are not generally delivered to your Brother fax machine if it is connected behind a private branch exchange (PBX) system or other call routing device.

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls. Businesses that provide mail order services, money-lending services or provide confidential information, can protect themselves from false orders or acceptance of false identification.

At Home

Residential customers can protect themselves from unwanted calls.

Set the Caller ID to ON

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

1 For the MFC-9050, Press **Menu**, **0**, **2**.

For the MFC-9550, Press **Menu**, **1**, **0**, **2**.

```
CALLER ID:ON


SELECT ← → & SET
```
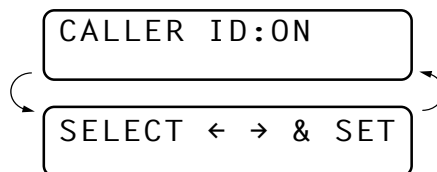
2 Press ← or → to choose **ON**.

3 Press **Set**.

4 Press **Stop** to exit.

How Does the Caller ID Work?

The Caller ID Appears on the Display When Your Telephone Rings

As your telephone rings, the display shows you the caller's phone number. Once you pick up the handset, the caller's ID disappears. You will see up to the first 16 characters of the number on the display.

Helpful Hints
■ If "**# UNAVAILABLE**" appears on the display, it means that the call came from outside your caller ID service area. *
■ If "**# WITHHELD**" appears on the display, it means the caller intentionally blocked the transmission of his/her ID. *
■ If no caller ID was transmitted to your fax machine, "**PICK UP PHONE**" will remain on the display.

* Depends on network Function.

The Caller ID is Stored in Your Machine's Memory

The machine can store a maximum of the last 30 incoming caller IDs in the memory, along with the time and date of reception. The 31st call will cause the oldest ID to be erased.
The Caller ID information stored in the memory can be used for the following.

■ **Selecting a Caller ID from the Memory for Call Reply.**
You can scroll through the Caller IDs on the display and select one for your machine to dial.
■ **Printing the Caller ID List.**
You can review calls you received by checking the Caller IDs in memory. This report will list the Date, Time, Phone Number (Caller ID), and type of call (Comment).
NOTE: Please set up the number of rings to more than 02 in the Ring Delay (see "Setting the Ring Delay" in this chapter) before you use the Caller ID. If you set up the number of rings to 01, you cannot receive the Caller ID.

Selecting a Caller ID from the Memory for Call Reply

You can display the caller IDs that are stored in the memory and select the caller you want your machine to dial. Call Reply is a convenient feature whereby your Brother fax can dial back a voice/fax call "on-hook" to the opposite party associated with a Caller ID number which has been captured into memory. This saves you from having to copy and dial back to that number manually. (You can skip to Step 2 below by pressing the **Shift** and **Tel-Index** simultaneously.)

1 For the MFC-9050, Press **Menu**, **0**, **2**.

For the MFC-9550, Press **Menu**, **1**, **0**, **2**.

```
CALLER ID:ON
```

```
SELECT ← → & SET
```

2 Press ← or → to select **DISPLAY ID**.

3 Press **Set**. The caller ID of the last call will appear on the display.

If no ID is stored, the beeper will sound and "**NO CALLER ID**" will appear on the display.

4 Press ← or → to scroll through the Caller IDs in the memory.

```
25)5555151
```

5 Press **Set** to automatically dial the Caller ID number, wait until the screen prompts you to press the **Start** key.

```
25)09/11 15:25
```

```
PRESS START KEY
```

6 Press **Start**.

```
DIALLING
```

```
TELEPHONE
```

If you wish to send a fax, insert a document into the feeder.

Then press **Start**.

To cancel the Call Reply (for example, when you selected the Wrong Caller ID), simply press **Stop** and begin again ; the Caller ID will not be lost.

In certain circumstances, you may not be able to use this feature due to the type of CALLER ID service or the type of telephone system you or the orther party is using.

To Activate Certain Network Services When Using Call Reply

It may be desired (in order to activate certain network services), to insert a special prefix to be dialled in front of the Caller ID number when using the Call Reply feature. Some examples of such network services are :

* Your outgoing Caller ID withheld

The required prefix, typically three to six digits (including **#** and ✳ symbols) in length, may be inserted after displaying the desired Caller ID in step 4 on the previous page. (You can enter the prefix up to 20 digits on the machine.) The complete number string including the prefix will then be dialled by pressing **Start**.

$\left(\begin{smallmatrix}\text{Previous}\\\text{page Step 4.}\end{smallmatrix}\right)$ Select the desired Caller ID, wait 2 seconds until you see the date and time the caller ID was received.

```
25)09/11 15:25
```

```
PRESS START KEY
```

Enter the prefix by using number keys up to 20 digits.

- The display will be cleared when you press any of the number keys.

- To cancel the prefix (such as when you entered the wrong number), simply press **Stop**.

The display will return to the desired Caller ID you selected.

- If you press **Stop** again, the machine will return to the current date and time display. You are no longer in the call reply mode.

- Any problems or queries in using network services should be raised in the first instance with your network operator(s).

- With Call Reply, automatic redial does not function in cases where the called party is busy or doesn't answer.

Call Reply to DDI numbers via Caller ID

Calls derived from a caller ID number to destinations connected to a "Direct Dial Inward (DDI)" private exchange system may fail to connect, or may be answered in the first instance by the called premises' main switchboard rather than by the intended extension. Brother is not liable for any call charges thus incurred.

Clearing the Caller ID Stored in Memory

For the effective use of the memory, it is recommended that you should clear the Caller ID stored into memory by pressing **Clear** when the display shows the number.

Printing Caller ID List

1 For the MFC-9050, Press **Menu**, **0**, **2**.

For the MFC-9550, Press **Menu**, **1**, **0**, **2**.

2 Press ← or → to select **PRINT REPORT**.

3 Press **Set**.

4 Press **Start**.

Polling

Polling is the process of retrieving faxes from another machine. You can use your machine to "poll" other machines, or you can have someone poll your machine.

All parties involved in polling need to set up their 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. (See "Setup for Polling Transmit" in chap. 6.)

Some machines do not respond to the polling function.

Secure Polling

Secure Polling is a way to keep your documents and others' from falling into the wrong hands while the fax machines are set up for polling. You can use Secure Polling only with another Brother fax machine. Your four-digit ID number must be entered on the fax machine that polls for your documents.

Setup for Polling Receive

Polling Receive is when you call another fax machine to receive a fax from it.

1 For the MFC-9050, Press **Menu**, **2**, **8**.
For the MFC-9550, Press **Menu**, **1**, **2**, **8**.
The screen displays

```
POLLING:STANDARD

SELECT ← → & SET
```
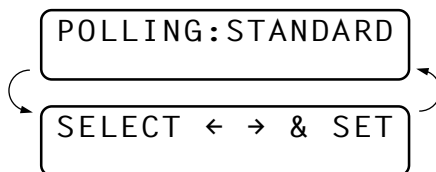
2 Press ← or → to choose **STANDARD**.

3 Press **Set**.

The screen prompts you to enter the fax number you want to poll, and then to press **Start**.

```
ENTER FAX NO.
ONLINE

THEN PRESS START
ONLINE
```
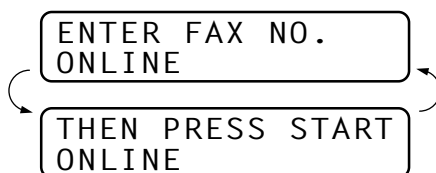
4 Enter the fax number you are polling.

5 Press **Start**. The screen displays **DIALLING**.

Setup for Polling Receive with Secure Code

You need to make sure you are using the same ID number as the other party.

1 For the MFC-9050, Press **Menu**, **2**, **8**.
For the MFC-9550, Press **Menu**, **1**, **2**, **8**.
The screen displays

```
POLLING:STANDARD

SELECT ← → & SET
```
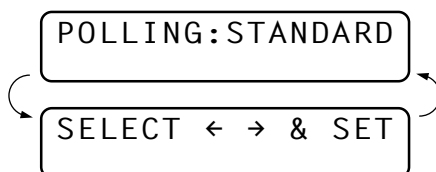
2 Press ← or → to choose **SECURE**.

3 Press **Set**.

4 Enter a four-digit number.

This should be the same as the security code of the fax machine you are polling.

5 Press **Set**.

The screen prompts you to enter the fax number you want to poll, and then to press **Start**.

```
ENTER FAX NO.

THEN PRESS START
```
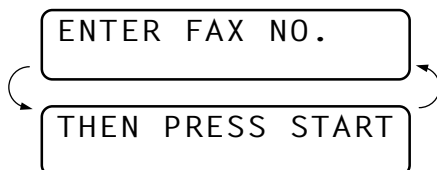
6 Press **Start**.

Setup Delayed Polling Receive

You can set your machine to begin Polling Receive at a later time.

1 For the MFC-9050, Press **Menu**, **2**, **8**.
For the MFC-9550, Press **Menu**, **1**, **2**, **8**.
The screen displays

```
POLLING:STANDARD

SELECT ← → & SET
```
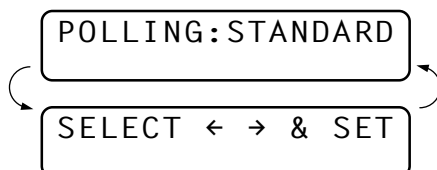
2 Press ← or → to choose **TIMER**.

3 Press **Set**.

4 The screen prompts you to enter the time you want to begin polling.

```
SET TIME=15:25
```
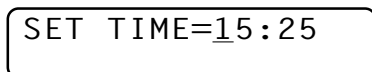
5 Enter the time (in 24-hour format) you want to begin polling. For example, enter 21:45 for 9:45 PM.

6 Press **Set**. The screen prompts you to enter the fax number you are polling.

```
ENTER FAX NO.
ONLINE

THEN PRESS START
ONLINE
```
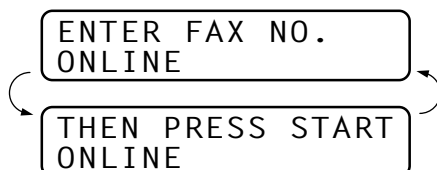
7 Enter the fax number (you can use One Touch or Speed Dial, or dial manually).

8 Press **Start**. The machine makes the polling call at the time you entered.

You can set up only one Delayed Polling.

Sequential Polling

Your machine can request documents from several fax units in a single operation. You just specify several destinations in Step 6. After this operation, a Sequential Polling Report will be printed.

1 For the MFC-9050, Press **Menu**, **2**, **8**.
For the MFC-9550, Press **Menu**, **1**, **2**, **8**.
The screen displays

> POLLING:STANDARD

2 Press ← or → to choose **STANDARD**, **SECURE** or **TIMER**.

3 Press **Set** when the screen displays the setting you want.

4 If you selected **STANDARD**, the screen prompts you to enter the fax number you want to poll, and then to press **Start**.

> ENTER FAX NO.
> ONLINE
>
> THEN PRESS START
> ONLINE

- If you selected **SECURE**, enter a four-digit number and press **Set**.

- If you selected **TIMER**, enter the time (in 24-hour format) you want to begin polling and press **Set**.

5 Specify the destination fax machines, which you wish to poll by using One Touch, Speed Dial, a Group or the dial pad. You must press **Help/Broadcast** between each location.

6 Press **Start**.

Your machine polls each number or group number in turn for a document.

> ACCEPTED

> DIALLING

Setting PC Interface Mode (Only for MFC-9550)

If you connect your machine to your PC, you can receive faxes into your PC. After completing all setup for Multi-Function Link Pro for Fax, you can select PC Interface Mode (**ON**/**OFF**) for routing incoming faxes.

1 Press **Menu**, **1**, **2**, **0**.

```
0.PC INTERFACE
```

2 Press ← or → to select **ON** or **OFF**.

3 Press **Set** when the screen displays your selection.

4 Press **Stop** to exit.

CHAPTER SIX

Setup Send

Before You Begin

■ Documents must be between 14.8 and 21.6 cm wide, and 15 and 60 cm long. This machine can only scan an image 20.8 cm wide, regardless of how wide the document is.

■ Make sure you insert documents **face down**, **top edge first**.

■ Adjust the paper guides to fit the width of your document.

Paper Guides
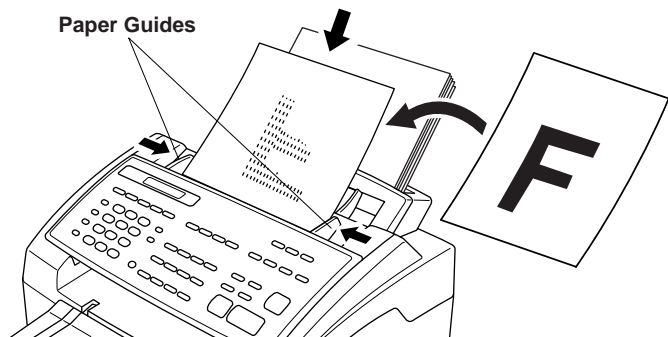
■ The automatic document feeder (ADF) can hold up to 20 pages, feeding each one individually through the fax machine. Use standard (64 g/m^2~90 g/m^2) paper when using the ADF; if you're using heavier paper, feed each sheet individually to prevent paper jams.

See "Resolution" in this chapter

■ 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 document, or documents with staples, paper clips, paste or tape attached. **DO NOT** use cardboard, newspaper, or fabric.

■ Make sure documents written with ink, tippex/liquid paper are completely dry.

Resolution

See "Multiple Resolution Transmission" in this chapter

When you have a document in the feeder, you can use the **Resolution** key. Press **Resolution** continuously until you see the LED change.

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 grey; slow transmission time.

Contrast

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

1 Insert the document, face down, in the feeder.

2 For the MFC-9050, Press **Menu**, **3**, **3**.
For the MFC-9550, Press **Menu**, **1**, **3**, **3**.

3 Use ← or → to select **AUTO**, **LIGHT**, or **DARK**.

4 When the screen displays your selection, press **Set**. The screen displays

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```
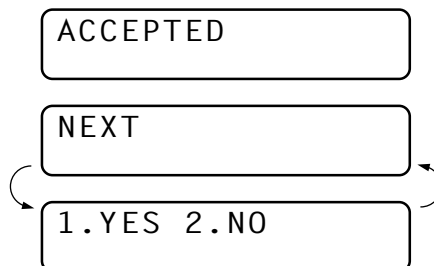
5 Press **2** if you are finished choosing settings, and go to Step 6 — **OR**— Press **1** if you want to select additional settings. The display returns to **SETUP SEND** menu.

6 Enter a fax number and press **Start** to send a fax.

Automatic Transmission

This is the easiest way to send a fax.

IMPORTANT: Do **not** pick up the handset.

1 Insert the document face down in the feeder.

2 Enter the fax number using One Touch, Speed Dial, Tel-Index or the dial pad.

3 Press **Start**. The machine starts scanning the document and the display indicates the job number and how much memory is available. Then the machine will start dialling if it is not sending, receiving or printing the other documents.

Manual Transmission with an External Telephone connected to the Machine (For MFC-9050)

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

See "One Touch Dialling" chap. 8

See "Speed Dialling" chap. 8

1 Insert the document face down in the feeder.

2 Pick up the handset of the external telephone 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 Return the handset to its cradle of the external telephone.

Manual Transmission (For MFC-9550)

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

See "One Touch Dialling" chap. 8

See "Speed Dialling" chap. 8

1 Insert the document face down in the feeder.

2 Pick up the handset 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 To hang up, replace the handset.

Fax Redial

If you're sending a fax manually and the line is busy, you can retry the number by pressing **Redial/Pause**.

1 Press **Redial/Pause**.

2 Press **Start**. (Only for Ireland)

If you're sending a fax automatically and the line is busy, the machine will automatically redial up to 4 times (3 times for Ireland) at 2 minute intervals.

Dual Access

You can scan up to 50 messages into the fax memory, even while the machine is receiving or sending another fax (from the memory). You can set temporary settings for each fax you're scanning, except Timer and Polling.

See "One Touch and Speed Dial" chap. 7

If you try to scan in and store a 51st fax, the machine will send it immediately, without storing it in memory.

If you get a **MEMORY FULL** message while scanning the first page of a fax press **Stop** to cancel a 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 operation.

1 Make sure the document feeder is empty.

2 Place the document in the feeder.

3 Enter the fax number

4 Press **Start**. The machine starts scanning the document and the screen displays the job number (**#**XX) of the fax, and how much memory is available. When the machine starts dialling you can immediately repeat steps 1 through 4 for the next fax.

Real Time Transmission

When memory is full, the machine cannot continue to scan documents into memory before sending. However, you can turn on **REAL TIME TX**. Then place the documents in the feeder and enter the fax number. As soon as the phone line is free, the machine starts dialling and sending the fax.

1 Place the document in the feeder.

2 For the MFC-9050, Press **Menu**, **3**, **9**.
For the MFC-9550, Press **Menu**, **1**, **3**, **9**.
The screen displays

```
9.REAL TIME TX
```

3 Press **Set**.

4 To change the default setting, press ← or → to select **ON** (or **OFF**) and go to Step 7. —**OR**— For the next fax transmission only, press ← or → to select **NEXT FAX ONLY**.

```
REAL TIME TX:ON
```

5 Press **Set**.

6 For the next fax only, press ← or → to select **ON** (or **OFF**).

7 Press **Set**.

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```

8 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished choosing settings and go to Step 9.

9 Enter the fax number and press **Start**.

Basic Sending Operations

Composing an Electronic Cover Page

The cover page is sent to the receiving party's machine. Your cover page includes the name stored in the One Touch or Speed Dial memory, if you have used this feature to start the call. If you're dialling manually, the name is left blank.

The cover page indicates the fax is from your Station ID, and the number of pages you're sending. If you have **COVERPG SETUP** set to **ON** (Function menu 3-1), the number of pages remains blank.

You can select a comment to include on your cover page, or you can select **NOTE OFF** if you do not wish to include a comment.

```
1.NOTE OFF
```

```
2.PLEASE CALL
```

```
3.URGENT
```

```
4.CONFIDENTIAL
```

As well as using one of the comments above, you can also enter up to two customized messages, each 27 characters long. Use the chart of "Entering Text" in chap. 4 to help enter characters.

Most of the **SETUP SEND** functions are temporary settings that allow you to make adjustments for each document you send. However, so you can set up your cover page and cover page comments in advance, the Cover Page Setup and Cover Page Message functions will change their default settings.

Cover Page for Next Fax Only

Make sure Station ID is set up (chap. 4). This feature does not work without the Station ID.

You can set the machine to send a cover page with a particular document. This cover page will include the number of pages in your document.

1 Insert the document in the feeder.

2 For the MFC-9050, Press **Menu**, **3**, **1**.
For the MFC-9550, Press **Menu**, **1**, **3**, **1**.

3 Press **Set** when the screen displays **NEXT FAX ONLY**.

4 Press ← or → to select **ON** (or **OFF**).

5 Press **Set**.

6 Press ← or → to view the comment selections.

```
1.NOTE OFF
```

```
2.PLEASE CALL
```

```
3.URGENT
```

```
4.CONFIDENTIAL
```

```
5.
```
(USER DEFINED)

```
6.
```
(USER DEFINED)

7 Press **Set** when the screen displays your selection.

8 Enter two digits to indicate the number of pages you are sending. (Enter 00 to leave the number of pages blank.) If you make a mistake, press ← to back up and re-enter the number of pages.

9 Press **Set**. The screen displays

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```

10 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished choosing settings, and go to Step 11.

11 Enter the fax number you're calling.

12 Press **Start**.

Always Send Cover Page

Make sure Station ID is set up (chap. 4). This feature does not work without the Station ID.

You can set the machine to send a cover page whenever you send a fax. The number of pages in your fax is not included when you use this setting.

▶**1** For the MFC-9050, Press **Menu**, **3**, **1**.
For the MFC-9550, Press **Menu**, **1**, **3**, **1**.

▶**2** Press ← or → to select.

```
COVERPAGE:OFF
```

```
COVERPAGE:ON
```
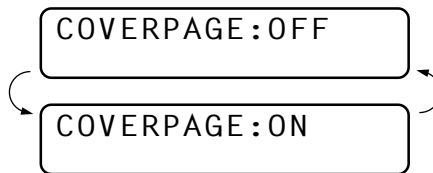
▶**3** Press **Set** when the screen displays **COVERPAGE:ON**. (If you select **ON**, a coverpage is always sent when you send a fax.)

▶**4** If you selected **ON**, the screen displays the cover page comment options. Press ← or → to view comment selections.

```
1.NOTE OFF
```

```
2.PLEASE CALL
```

```
3.URGENT
```

```
4.CONFIDENTIAL
```

```
5.
```
(USER DEFINED)

```
6.
```
(USER DEFINED)

5 Press **Set** when the screen displays your selection. The screen displays
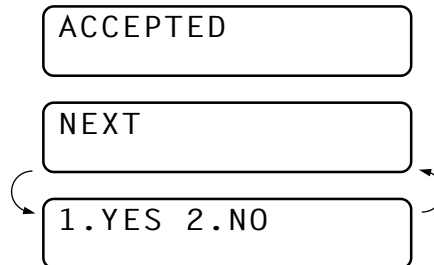
```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```

6 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** to exit if you have finished choosing settings.

Using a Printed Cover Page

If you prefer using a printed cover page that you can write on, you can print the sample page and attach it to your fax.

1 For the MFC-9050, Press **Menu**, **3**, **1**.
For the MFC-9550, Press **Menu**, **1**, **3**, **1**.

2 Press ← or → to select **PRINT SAMPLE**.

3 Press **Set** when the screen displays your selection.

4 Press **Start**. Your machine prints a copy of your cover page.

```
         === COVER PAGE ===

TO:          _____

FROM:      _____
     FAX:
     TEL:
            PAGE[S] TO FOLLOW

COMMENT:
```

Cover Page Message

You can set up two customized comments.

Composing Your Own Comments

1 For the MFC-9050, Press **Menu**, **3**, **2**.
For the MFC-9550, Press **Menu**, **1**, **3**, **2**.
The screen displays

> 2.COVERPAGE NOTE

2 Use ← or → to choose position 5 or 6 for your customized comment.

3 Press **Set**.

See "Entering Text" chap. 4

4 Use the dial pad to enter your customized comment.

5 Press **Set**. The screen displays

> ACCEPTED

> NEXT

> 1.YES 2.NO

6 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** to exit.

Advanced Sending Operations

Overseas Mode

Sometimes, when sending a fax to overseas numbers, problems can be experienced. This mode makes the machine work better for such calls. After you send a fax using this feature, the feature turns itself off.

1 Insert the document.

2 For the MFC-9050, Press **Menu**, **3**, **5**.
For the MFC-9550, Press **Menu**, **1**, **3**, **5**.

> 5.OVERSEAS MODE

3 Press ← or → to select **ON** (or **OFF**).

4 Press **Set** when the screen displays your selection. The screen
   displays

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```
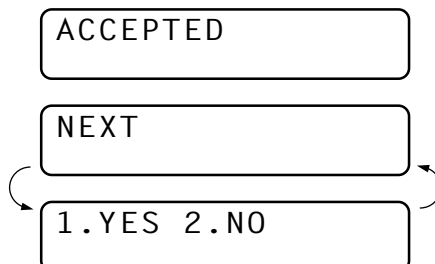
5 Press **1** if you want to select additional settings. The display returns
   to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished
   choosing settings and go to Step 6.

6 Enter the fax number you're calling.

7 Press **Start**.

Call Reservation

You can send a fax and let the other party know that you want to speak to
him after the fax transmission is complete. The other fax machine will
ring as if it were receiving a telephone call; if the other party picks up the
handset, your machine will ring. Lift the handset (and press **Tel** for
MFC-9050) to have a conversation.

If you set Call Reservation and Call Back message to **ON**, your machine
leaves a fax message if the other party does not answer.

1 Insert the document in the feeder.

2 For the MFC-9050, Press **Menu**, **3**, **6**.
   For the MFC-9550, Press **Menu**, **1**, **3**, **6**.
   The screen displays the current setting for Call Reservation.

```
CALL RESERVE:OFF
```

```
CALL RESERVE:ON
```

3 Press ← or → to select **ON** (or **OFF**).

4 If you set Call Reservation to **ON**, press **Set** when the screen displays your selection. The screen displays the current setting for Call Back Message.

```
CALL MESSAGE:OFF
```

```
CALL MESSAGE:ON
```

5 Press ← or → to select **ON** (or **OFF**).

6 Press **Set** when the screen displays your selection. The screen displays

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```

7 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished choosing settings, and go to Step 8. The screen prompts you to enter the fax number you want to call.

8 Enter the fax number, and press **Start**.

9 If you've set Call Reservation to **ON**, pick up your handset if the machine rings.
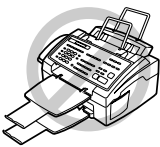
You cannot use auto redial with Call Reservation. You cannot use Call Reservation with Delayed Transmission or with Polling. You must register your Station ID to set Call Back Message to **ON**.

Print Sample Call Back Message

1 For the MFC-9050, Press **Menu**, **3**, **6**.
For the MFC-9550, Press **Menu**, **1**, **3**, **6**.

2 Press ← or → to select **PRINT SAMPLE**.

3 Press **Set**.

4 Press **Start**.

Delayed Transmission (Timer)

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

1 Insert the document in the feeder.

2 For the MFC-9050, Press **Menu**, **3**, **7**.
For the MFC-9550, Press **Menu**, **1**, **3**, **7**.

3 Enter the time you want the fax to be sent, in 24-hour format (for example, enter 19:45 for 7:45 PM).

4 Press **Set**. The screen displays

```
1.DOC 2.MEMORY
```

5 Press **1** to select **DOC**. —**OR**— Press **2** to select **MEMORY**. If you select **1.DOC**, the machine will not start scanning the document until the time it is due to be sent, so the document must be left in the feeder.

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```

6 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished choosing settings and go to Step 7. The screen prompts you to enter the fax number.

```
ENTER FAX NO.
ONLINE
```

```
THEN PRESS START
ONLINE
```

7 Enter the fax number, and press **Start**. The machine will wait until the time you have entered to send the fax.

Broadcasting

Broadcasting is automatically sending the same fax message to multiple fax numbers. Using the **Help/Broadcast** key, you can include up to 24 One Touch locations, up to 100 Speed Dial locations, and up to 50 manually dialled numbers (maximum of 174 locations if you did not use up any locations for Groups, access codes or credit card numbers). However, available memory will vary with the types of jobs in memory and numbers of locations used for broadcasting. If you broadcast to more than the maximum locations available, you will not be able to setup transmissions using dual access and the timer.

The easiest way to broadcast is to first combine frequently used One Touch and Speed Dial numbers as a Group, which uses up a One Touch Key. (Remember, you can have up to six Groups and Quick Dial numbers can be included in more than one Group). Then by pressing **Help/Broadcast** between each location, you can include One Touch, Speed Dial, Groups, and manual dialling (using the dial pad) in the same broadcast. Use the Tel-Index to help you choose the numbers easily.

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

1 Insert the document into the feeder.

2 Enter a number using One Touch, Speed Dial, Group number, Tel-Index or the dial pad.
Example: Group number

See "Setting Up Groups for Broadcasting" chap. 7

3 Press **Help/Broadcast**. You will be prompted to press the next number.

4 Enter the next number.
Example: Speed Dial

5 Press **Help/Broadcast**.

6 Enter the next fax number.
Example: Manual dialling, using the dial pad.

7 Press **Start**.

Your machine will read the documents into memory and then start sending faxes to all the numbers you entered.

■ To stop the broadcasting in progress, press **Stop**. The display asks if you want to cancel all locations or just the location that is being sent to.

■ Enter the long dialling sequence numbers as you normally would, but keep in mind that each key counts as one location, so the number of locations you can call become limited.

■ If the line is busy or a connection could not be made for some other reasons while broadcasting, the machine will redial the number automatically.

■ If the memory is full, press **Stop** to abort the job or press **Start** to send the portion that is in the memory (if more than one page has been scanned).

Multiple Resolution Transmission

Use this feature to select separate resolution settings for each page of the fax you're sending. This could be useful if you're sending a fax with photos and letters, or some pages with small print and others with normal print. Resolution settings return to **STANDARD** after the fax is sent.

1 Insert documents in feeder, then
for the MFC-9050, Press **Menu**, **3**, **4**.
for the MFC-9550, Press **Menu**, **1**, **3**, **4**.

2 Use ← or → to select resolution for page 1, then press **Set**.

3 Repeat Step 2 for subsequent pages. Press **Stop** when you're finished. The screen displays

```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```
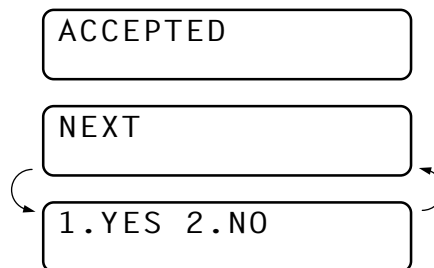
4 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished choosing settings.

5 Enter the fax number you're calling, and press **Start**.

If you want to copy a document using multiple resolutions, press **Copy** in Step 5.

Setup 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.

1 Place document to be retrieved in feeder.

2 For the MFC-9050, Press **Menu**, **3**, **8**.
For the MFC-9550, Press **Menu**, **1**, **3**, **8**.

3 The screen displays

```
POLLING:STANDARD
```
```
SELECT ← → & SET
```
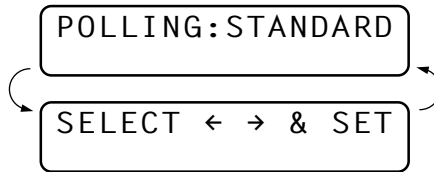
4 Press ← or → to choose **STANDARD**.

5 Press **Set**. The screen displays

```
1.DOC 2.MEMORY
```
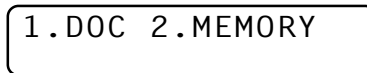
6 Press **1** to select **DOC** if you want your machine to scan the printed document at the time it is polled. —**OR**— Press **2** to select **MEMORY**.

See "Interrupting Delayed Fax and Polling Transmit Jobs" in this chapter
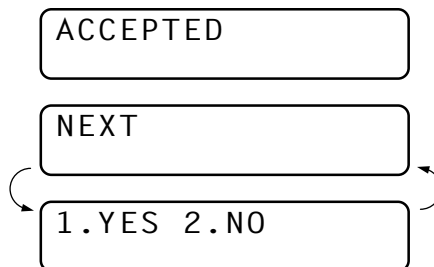
```
ACCEPTED
```
```
NEXT
```
```
1.YES 2.NO
```

7 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you choosing setting and go to Step 8.

8 Press **Start**.

If you pressed **1** in Step 5, the printed document remains in the document feeder until your machine is polled. However, you can "interrupt" it to send another fax.

Setup for Polling Transmit with Secure Code

When you set **POLLING:SECURE** to on, anyone who polls your machine must enter the polling ID number.

1 Place document in feeder.

2 For the MFC-9050, Press **Menu**, **3**, **8**.
For the MFC-9550, Press **Menu**, **1**, **3**, **8**.

3 The screen displays

```
POLLING:STANDARD
```

```
SELECT ← → & SET
```
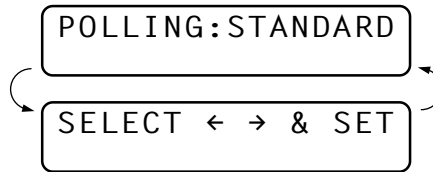
4 Press ← or → to choose **SECURE**, and press **Set**.

5 Enter a four-digit number, and press **Set**.

```
1.DOC 2.MEMORY
```

6 Press **1** to select **DOC** if you want your machine to scan the printed document at the it is polled. —**OR**— Press **2** to select **MEMORY**.
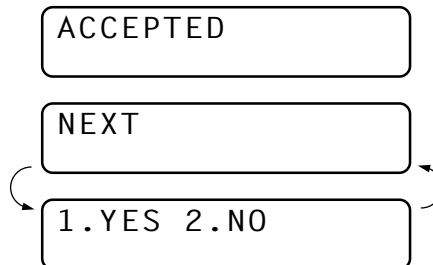
```
ACCEPTED
```

```
NEXT
```

```
1.YES 2.NO
```

7 Press **1** if you want to select additional settings. The display returns to the **SETUP SEND** menu. —**OR**— Press **2** if you have finished choosing settings and go to Step 8.

8 Press **Start** and wait for the fax to be polled.

Cancelling a Job While Scanning the Document

You can cancel a job while you are scanning it into memory by pressing **Stop**. Eject the document by pressing **Stop** again.

Cancelling a Scheduled Job in Memory

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

If the machine is idle,

1 For MFC-9050, Press **Menu**, **4**.
For MFC-9550, Press **Menu**, **1**, **4**.
Any waiting jobs appear on the display. If nothing is waiting, the screen displays **NO JOB WAITING**.

```
4.REMAINING JOBS
```

2 If you have more than two jobs waiting, use ← or → to select the job you want to cancel. Press **Set** when the screen displays your selection.

—**OR**—

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

```
#02 SALES REPORT
```

```
1.CLEAR 2.QUIT
```
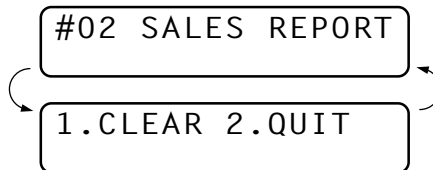
3 Press **1** to cancel —**OR**— Press **2** to exit without cancelling.
To cancel another job, return to step 2.

4 Press **Stop** to exit.

If the machine is busy, press **Stop**, then follow Steps 2 through 4 to cancel a job.

You can check which jobs are remaining in memory by following Steps 1 and 2 above.

Interrupting Delayed Fax and Polling Transmit Jobs

You can send a fax without cancelling the Timer or Poll Waiting with documents in the feeder by "interrupting" it. When you interrupt the Timer to send a "new" set of documents, the machine will not automatically redial the number if it was busy. Also, you cannot use the function mode if you have interrupted the Timer or Poll Waiting.

1 For the MFC-9050, Press **Menu**, **5**.
For the MFC-9550, Press **Menu**, **1**, **5**.

2 Wait 2 seconds, then remove the documents that are waiting in the feeder.

```
INSERT DOCUMENT
```

3 Place the "new" document you want to send now in the feeder.

4 Enter the new fax number for the documents you want to send now.

5 Press **Start**.

6 After the transmission is finished, place the "old" documents back into the feeder.

7 For MFC-9050, Press **Menu**, **5**, for MFC-9550, Press **Menu**, **1**, **5**, to restore the timer.

C H A P T E R   S E V E N

Setup Quick-Dial Numbers

Storing Numbers for Easy Dialling

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

Storing One Touch Dial Numbers

See "One Touch Dialling" chap. 8

You can store 24 fax/phone numbers that you can dial by pressing one key. You can also store names with these numbers. Even if you lose electrical power, numbers stored in memory will not be lost. When you press a One Touch key, the screen displays the name or number as the call is dialled.

One Touch Dial keys are not the dial pad keys. They are the 12 keys (numbers 1-24) located to the right of the dial pad. One Touch Dial Numbers 13-24 are accessed by holding down **Shift** *while you press the appropriate One Touch key.*

1 For the MFC-9050, press **Menu**, **6**, **1**.
For the MFC-9550, press **Menu**, **1**, **6**, **1**.

2 Press the One Touch Dial key where you want to store a number. The screen displays the location you selected.

3 Enter a number (up to 20 digits).

4 Press **Set**. The screen prompts you to enter a name for this number.

NAME:

5 Use the dial pad to enter the name (up to 15 characters). You can use the chart of Entering Text in chap. 4 to help you enter letters. — **OR**— Go to Step 6 to store the number without a name.

6 Press **Set**. The screen prompts you to select the type of number this is. Use ← or → to select the type you want.

    FAX   a fax number
    TEL   a telephone (voice) number
    F/T   both a fax and telephone (voice) number

7 Press **Set**.

8 Return to Step 2 to store another One Touch Dial number. —**OR**—
Press **Stop** to exit.

When you dial a One Touch Dial number, the screen displays the name you've stored, or, if you haven't stored a name, the number you've stored.

Storing Speed Dial Numbers

See "Speed Dialling" chap. 8

You can store Speed Dial numbers, which you dial by pressing only three keys. There are 100 Speed Dial locations. Even if you lose electrical power, numbers stored in memory will not be lost.

1 For the MFC-9050, press **Menu**, **6**, **2**.
For the MFC-9550, press **Menu**, **1**, **6**, **2**.
The screen prompts you to enter a location.

> SPEED-DIAL? #

2 Use the dial pad to enter a two-digit location (00–99).

3 Press **Set**. The screen displays your entry, then prompts you to enter the number you're storing.

> #05
>
> ENTER & SET

4 Enter the number (up to 20 digits).

5 Press **Set**. The screen now prompts you to store a name with this number.

> NAME:

6 Use the dial pad to enter the name (up to 15 characters). You can use the chart of "Entering Text" in chap. 4 to help you enter letters. —**OR**— Press **Set** and go to Step 8 to store the number without a name.

7 Press **Set**.

8 The screen prompts you to select the type of number this is. Use ←
or → to select the type you want.

FAX   a fax number
TEL   a telephone (voice) number
F/T   both a fax and telephone number

9 Press **Set**.

10 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 change it or exit.

```
1.CHANGE 2.QUIT
```

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 number, press **Clear** when the cursor is
to the far left of the digits.

■   If you want to change a digit, use ← or → to position the cursor
under the digit you want to change, then enter it.

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

Setting Up Groups for Broadcasting

See "Storing One Touch Dial Numbers" and "Storing Speed Dial Numbers" in this chapter

Groups allow you to send the same fax message to many fax numbers by
pressing only one One Touch Dial key (This is called 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 Dial key. Finally, you can have up to 6 small Groups, or
you can assign up to 123 numbers to one large Group.

You can include up to 24 One Touch locations, or up to 100 Speed Dial locations. If you broadcast to more than the maximum locations available, you will be unable to set up transmissions using Dual Access and the Timer.

1 For the MFC-9050, press **Menu**, **6**, **3**.
For the MFC-9550, press **Menu**, **1**, **6**, **3**.
The screen displays

> SELECT ONE-TOUCH

2 Select a One Touch Dial key where you wish to store the number. (For example, press One Touch Dial key **02** to use as a Group.)

> SETUP GROUP:GO
>
> ENTER & SET

3 Use the dial pad to enter the Group Number (for example, press **1** for Group 1).

4 Press **Set**. To include One Touch or Speed Dial numbers in the Group, enter them as if you were dialling. For example, for One Touch Dial key **05**, press One Touch Dial key **05**. 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**. The screen prompts you to enter a name.

> NAME:
>
> ENTER & SET

6 Use the dial pad and the chart of "Entering Text" in chap. 4 to enter a name for the group (for example, NEW CLIENTS).

7 Press **Set**.

8 Press **Stop** to exit.

You can print a list of all One Touch and Speed Dial numbers. Group numbers will be marked in the column of "**GROUP**". See chap. 11, "Printing Reports".

C H A P T E R   E I G H T

Telephone (Voice) Operation

Making Voice Calls

You can use your machine to make voice telephone calls, by dialling manually or by using One Touch or Speed Dial memory.

USING THE UNIT WITH AN EXT. TEL (Only for MFC-9050)
If you connect an external telephone to the unit, your fax machine can be used to make normal telephone calls.

Manual Dialling

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

1 Pick up the handset.

2 When you hear a dial tone, dial the number, using the dial pad.

3 To hang up, replace the handset.

One Touch Dialling

See "Storing One Touch Dial Numbers" chap. 7

1 Pick up the handset.

2 When you hear a dial tone, press the One Touch Dial key of the location you want to call.

3 To hang up, 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 ASSIGNED**. The display returns to normal after 2 seconds.

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

Speed Dialling

1 Pick up the handset.

2 When you hear a dial tone, press **Speed Dial**, then press the two-digit Speed Dial number.

3 To hang up, replace the handset.

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

Mute (Only for MFC-9550)

1 Press **Mute** to put a call on hold.

2 You can put down the handset without disconnecting the call.

3 Pick up the machine's handset to release the call from hold. Picking up an extension handset will not release the call from hold.

Pause

Press **Redial/Pause** to insert a pause between digits to be dialled.

If your fax machine is connected to a PABX, you may need to insert an additional number prefix (e.g. "9") and a "pause" before each fax or telephone number to gain access to the outside line. When you press **Redial/Pause**, a dash "-" will appear on the display. By storing a pause, you can create a delay of 3.5 seconds.

On Hook Dialling

1 Dial the number by using the dial pad or One Touch Dial key, or **Speed Dial** and then two-digit Speed Dial number.

2 The number you are dialling, or the name you have stored for One Touch or Speed Dial is displayed on the LCD.

3 Press **Start**.

4 Pick up the handset (and press **Tel** for MFC-9050) when you hear the other end from the monitor speaker.

When you make a call by pressing **Start** after dialling, you can listen to the other end of the line from the monitor speaker, but they can't hear you unless you pick up the handset (and press **Tel** for MFC-9050).

If you accidentally press **Tel** before lifting the handset, the call will be disconnected.

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, press **Start** to begin dialling.

4 Pick up the handset (and press **Tel** for MFC-9050) 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.)

5 When the call is over, hang up.

Chain Dialling

You can store very long dialling sequences by dividing them and setting them up as One Touch and Speed Dial numbers. Then while dialling, you can combine two or more One Touch and/or Speed Dial numbers and even include manual dialling using the dial pad. You can use these numbers in any combination. The combined number will be dialled, in the order you entered it, as soon as you press **Start**.

For example:
You store "555" on One Touch Dial key **01** and "7000" on One Touch Dial key **02**. If you press One Touch **01**, **02** and **Start**, you can dial "555-7000". To temporarily change a number, you can substitute part of the number with manual dialling using the dial pad. So, if you press One Touch **01** and press **7001** using the dial pad, you can dial "555-7001".

Using access codes is easy. Sometimes you may want to choose from the among several long distance carriers when you make a call; rates may vary depending upon the time and destination. To take advantage of low rates, you can store the access codes or long-distance carriers as One Touch and Speed Dial numbers.

Call Reservation with an External Telephone (Only for MFC-9050)

If you connect an external telephone to the unit, you can send a fax and then talk to the recipient using the Call Reservation feature. After your fax has been printed on the receiving end, the receiving fax machine will ring as if it were receiving a telephone call. When the recipient picks up the handset, your fax machine will ring. Then you can pick up your handset of the external telephone and press **Tel**, then start a conversation.

For further information on how to use this function, see chap. 6.

Tone/Pulse

If you have pulse dialling 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 dialled after this sends tone signals.

3 When you hang up, the machine returns to pulse dialling service.

Fax/Tel (F/T) Mode

See "Select Answer Mode" chap. 5

When you share one line for your telephone and fax machine, in the Fax/Tel (**F/T**) Mode, the fax machine can determine whether an incoming call is a fax or a telephone call.

Tel Key

Only for MFC-9050

This key is used to enter into a telephone conversation having picked up the handset of an external telephone in F/T pseudo-ringing etc.

Only for MFC-9550

If you press **Tel** when you are talking lifting the handset with the other end, you can hear the other end from machine's monitor speaker, but the other end cannot hear you.

Remote Fax Options (Only for MFC-9050)

This chapter is for Model MFC-9050. If you have model MFC-9550 your remote fax options are handled by the Message Manager. Please see chapter 10, "Message Manager".

Fax Forwarding

You cannot use Fax Forwarding when "Fax Storage" is set to **OFF**.

Programming a Fax Forwarding Number

See "Changing the Fax Forwarding number" in this chapter.

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

1 Press **Menu**, **8**, **1**.

2 Press ← or → to select **ON** (or **OFF**).

```
FAX FWD:ON
```

3 Press **Set**. The screen prompts you to enter the number of the fax machine where faxes will be forwarded.

```
FWD#:
```

```
ENTER & SET
```

4 Enter the forwarding number (up to 20 digits).

5 Press **Set**.

6 Press **Stop** to exit.

You can also dial into your machine from a remote location to switch this feature on, or to change the number you want your faxes forwarding to.

Setting Fax Storage

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

1 Press **Menu**, **8**, **2**.
The screen prompts you to choose a fax setting.
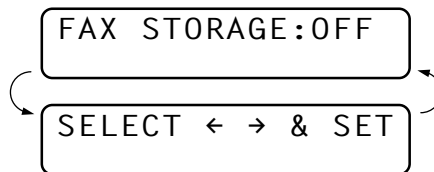
```
FAX STORAGE:OFF

SELECT ← → & SET
```

2 Press ← or → to select **ON** (or **OFF**).

3 Press **Set** when the screen displays your selection.

4 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.

```
ERASE ALL DOC?

1.YES 2.NO
```

See "Printing a Fax from Memory (Only for MFC-9050)" chap. 5
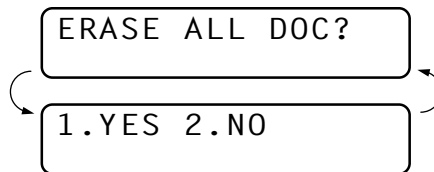
If you press **1**, all fax data is erased and Fax Storage is turned OFF. If the fax data in the memory has not been printed, it will be printed first and then erased. If you press **2**, data is not erased, and Fax Storage remains ON.

Changing the 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.

1 Press **Menu**, **8**, **3**.

2 Enter a three-digit number from 000 to 998. The ✳ cannot be changed. Do not use the same digits that appear in your Remote Activation or Deactivation Code.

3 Press **Set**.

4 Press **Stop** to exit.

Remote Retrieval

Using Your Remote Access Code

To listen to your voice messages, you can call from any touch tone phone. To receive faxes at your location, you must call from a fax machine using touch tone. For convenience, you can retrieve faxes from a touch tone phone by having them sent to a fax machine. For example, if your hotel room does not have a fax machine, you can enter the number of the fax machine at the hotel's Front Desk.

1 Dial your fax number from a touch tone phone.

2 When your fax machine answers and beeps, immediately enter your Remote Access Code (The factory setting is 159✳).

3 The fax machine signals the kinds of messages received:

> **1 long beep—Fax message(s)**

> **No long beep—No messages**

4 The fax machine 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 machine when you finish.

6 Hang up.

If your fax machine is set to Manual Mode, you can access your machine remotely by phoning it and letting it ring for about 100 seconds. Your fax machine will answer the phone after about 100 seconds of ringing, and you then have 30 seconds to enter your Remote Access Code.

Remote Commands

Follow the commands below to access features remotely. When you call the fax machine and enter your Remote Access Code (The factory setting is 159✳), the system will signal you with two short beeps to enter a remote control command.

Change Fax Forwarding Setting

Press **9 5**

then to

Turn Fax Forwarding OFF—Press **1**.

Turn Fax Forwarding ON—Press **2**.

Program Fax Forward Number—Press **4**. Automatically, the machine will turn Fax Forwarding **ON**.

Turn Fax Storage ON—Press **6**.

Turn Fax Storage OFF—Press **7**. (This is only possible if there are no faxes stored in the memory, or if all faxes have been erased using Remote Control **9 6 3**).

Retrieve a Fax

Press **9 6**

then to

Print a Memory Status List—Press **1**, then enter the number of remote fax machine and the **# #**, After the beep, hang up and wait.

Retrieve all faxes—Press **2**, then enter the number of remote fax machine and the **# #**, After the beep, hang up and wait.

Erase all fax messages—Press **3**. If the data stored in the memory has not been printed before, it will be printed first and then erased.

Check the Receiving Status

Press **9 7**

then for

Fax messages—Press **1**.

　1 long beep—Received messages.

　3 short beeps—No messages.

Change Answer Mode

Press **9 8**

then for

TAD—Press **1**.

Fax/Tel (**F/T**)—Press **2**.

Fax—Press **3**.

Exit Remote Operation

Press **9 0**

Retrieving the 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 machine's number.

2 When you hear the beep, immediately enter your Remote Access Code (The factory setting is **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. Your fax machine then sends the Memory Status List to the fax machine that you are calling from.

Retrieving Fax Messages

1 Dial your fax machine's number.

2 When you hear the beep, immediately enter your Remote Access Code (The factory setting is **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 then calls the number of the remote machine that you have just entered, and that machine prints your fax messages.

Changing the Fax Forwarding Number

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

1 Dial your fax machine's number.

2 When you hear the beep, immediately enter your Remote Access Code (The factory setting is **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 (up to 20 digits) 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 **#**. Also, if your fax machine is connected to a PABX, you can press **#** first before the fax machine's number. The **#** works as well as **R** key.

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. Your fax machine then sends the Memory Status List showing the new forwarding number to the fax machine that you are calling from.

8 Check the forwarding number.

If the forwarding number is incorrect, return to Step 1 to reset it.

Message Manager
(Only for MFC-9550)

Introduction

This section provides you with information about how to operate the Message Manager features of your MFC-9550.

Your machine has been designed to be user friendly. You will find a function chart in chap. 3 that shows you the easy button presses you can perform to access all programmed features.

```
┌─────────────────────────────────────────┐
│          Message Manager                 │
│                                          │
│      Voice ○ ──────── ○ Doc.             │
│     Record      Erase       Play         │
│     (      )    (     )     (     )       │
└─────────────────────────────────────────┘
```
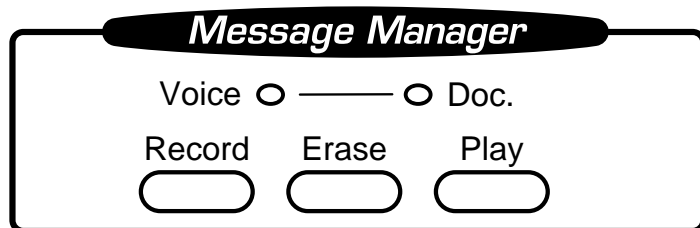
Message Manager Mode

See "Recording the Message Manager's Outgoing Message" in this chapter

Message Manager Mode allows you to store incoming fax and voice messages in a flexible memory. The memory stores **20** minutes of voice messages, or up to **130** pages of fax messages. The actual number of pages stored in memory varies depending on the content and the resolution used. Memory is shared between fax and voice messages, which are stored on a "first-come, first-served" basis. Any voice or fax message can be retrieved remotely.

You must record an Outgoing Message in order to use the Message Manager Mode.

Flexible Memory Settings (Message Store)

Message Manager Mode offers you six flexible memory settings, so that you can decide which kinds of messages you want to receive.

1. DOC:ON, VOICE:ON Both voice and fax messages are stored. You can use the Fax Forwarding or Paging features and retrieve voice and fax messages remotely.

2. DOC:ON, VOICE:EXT You need an external answering machine connected to the fax machine for this setting. Fax messages are stored in the Message Manager memory, but voice messages are stored in your external answering machine. Retrieve voice messages from the external answering machine. You cannot use the Paging feature for voice message with this setting.

3. DOC:ON, VOICE:OFF All memory is used to store fax messages—no voice messages will be stored.

4. DOC:OFF, VOICE:ON All memory is used to store voice messages—no fax messages will be stored. Incoming faxes will print on paper. You can use the Paging feature, and retrieve voice messages remotely.

5. DOC:OFF, VOICE:EXT You need an external answering machine connected to the fax machine for this setting. Incoming faxes are not stored in memory, but will print on paper. Voice messages are stored in the external answering machine.

6. DOC:OFF, VOICE:OFF Incoming faxes are not stored in memory, but will print on paper. Voice calls are not stored in memory.

Setting Up Message Manager

You must set up Message Manager in the following order:

1 Set the Message Store.

2 Record the Message Manager's Outgoing Message (**TAD MESSAGE**).

3 Activate Message Manager (TAD) Mode by pressing the **Mode** key until both **Fax** and **F/T** LEDs are lit.

Setting the Message Store

Select the setting from the descriptions of "Flexible Memory Settings".

1 Press **Menu**, **1**, **8**, **1**. The screen prompts you to choose a **DOC** (Document) setting.

```
DOC:OFF

SELECT ← → & SET
```
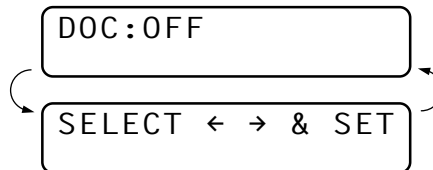
2 Press ← or → to select **ON** (or **OFF**).

3 Press **Set**. The screen prompts you to choose a **VOICE** setting.

```
VOICE:ON

SELECT ← → & SET
```
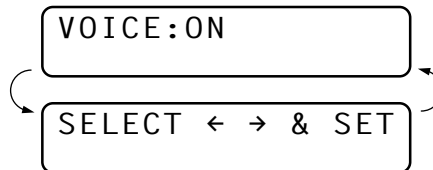
4 Press ← or → to select your setting from the list (**ON**, **OFF** or **EXT**).

5 Press **Set** when the screen displays your selection.

6 Press **Stop** to exit.

Recording the Message Manager's Outgoing Message (TAD MESSAGE)

Recording the Message Manager's Outgoing Message (**TAD MESSAGE**) is the second step you need to follow before you can turn on the Message Manager. Make sure your OGM (Outgoing Message) is less than 20 seconds long.

1 Press **Menu**, **1**, **8**, **3**. The screen prompts you to choose an OGM.

```
TAD MESSAGE

SELECT ← → & SET
```
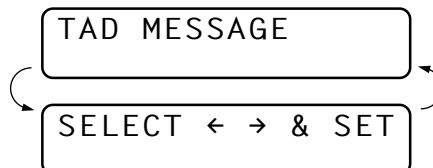
2 Press ← or → to reach

```
TAD MESSAGE
```

This is the only setting you can select if you want to turn the Message Manager ON.

3 Press **Set**.

4 Press **Record**, then pick up the handset to record a message.

For example: *"Hello. We are unable to take your call at this time. Please leave a message after the signal. If you wish to send a fax, please press ✳51, wait for the fax tones, then press the start button on your machine."*

5 Replace the handset. The Message Manager plays your OGM.

6 Press **Stop** to exit.

Listening to the Outgoing Message (OGM)

1 Press **Menu**, **1**, **8**, **3**.

2 Press ← or → to select **TAD MESSAGE** (or **F/T MESSAGE** or **PAGING MSG.**).

3 Press **Set** when the screen displays your selection.

4 Press **Play** to hear the OGM. Adjust volume by pressing Volume △ or ▽.

5 Press **Stop** to exit.

Erasing the Outgoing Message (OGM)

1 Press **Menu**, **1**, **8**, **3**.

2 Press ← or → to select **TAD MESSAGE** (or **F/T MESSAGE** or **PAGING MSG.**).

3 Press **Set** when the screen displays your selection.

4 Press **Erase**.

5 Press **1** to erase the OGM —**OR**— Press **2** to exit without erasing.

6 Press **Stop** to exit.

Activating Message Manager Mode

To activate Message Manager.....

☀ **Fax**

TAD　　Press **Mode** until both **Fax** and **F/T** lights are on.

● **F/T**
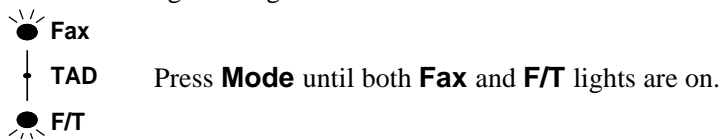
...Then you can easily identify the Message Manager Mode is on by viewing the Message Manager indicator lights.

Message Indicator

Once you return home or to the office you can easily and quickly see if any voice or fax messages have been stored in the Message Manager.

If the **Voice** and/or **Doc** Indicator lights are flashing, there is a new message stored. Once a new voice message is played, the **Voice** indicator light stops flashing and stays on. And once a new fax message is printed, the **Doc** indicator will go off.

```
            Message Manager
    Voice ○ ——— ○ Doc.
    Record     Erase      Play
     ⌐⌐⌐       ⌐⌐⌐        ⌐⌐⌐
```
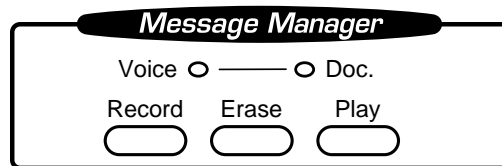
The display will indicate the total number of incoming Voice and/or Fax messages stored in Message Manager memory. The number of Voice includes the Memo messages.

```
VOICE:03 DOC:02
ONLINE
```

What Happens When the Memory Is Full...

If the memory becomes full when you have set your machine to Message Manager mode, the machine will change to F/T mode automatically. In this mode, the machine can accept incoming faxes automatically and will print them. Then, if your machine should run out of paper, the answer mode will shift automatically to manual mode. In manual mode the call is not answered, so your caller will know to try again later.

```
                    ┌── Out of Recording Paper and Memory Full ──┐
                    │                                            ↓
[Answer Mode]  │ Message Manager Mode │ → │ F/T Mode │ → │ Manual Mode │
                                  │                    │
                            Memory Full       Out of Recording Paper
                                                  and Memory Full
```
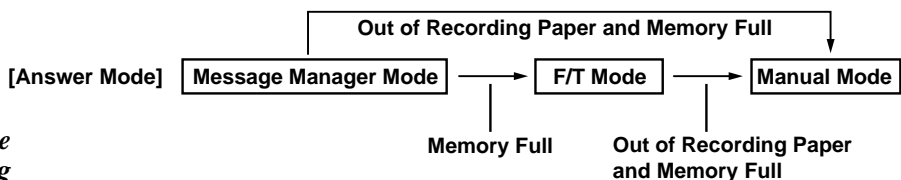
Print the Memory Status List and select the item to be cleared. This will clear space for new messages and faxes to be stored in memory.

Playing Voice Messages and Memos

Follow the steps below to listen to voice messages and memos.

1 Press **Play**. Adjust volume by pressing △ or ▽.

All new messages and memos are played in the order they were recorded. The display shows the number of the current message, and the total number of messages.

If Caller ID information was received, the machine beeps during the message and displays the Caller ID information for one second. (Only for the U.K.)

During playback, the screen displays the time and date the message was recorded.

2 Press ← at the end of the message to repeat a message. Use → to skip to the next message. You can press ← and → repeatedly until you reach the message you want to play.

3 Press **Stop** to exit.

Printing a Fax Message

Once you print a new fax message stored in memory, it is erased from the memory automatically.

1 Press **Play**. After two seconds, the machine begins to play voice messages.

2 After playing voice messages, the display asks if you want to print fax messages that are in the memory. There is no display if there are no faxes.

```
PRINT DOC?
```

```
1.YES 2.NO
```
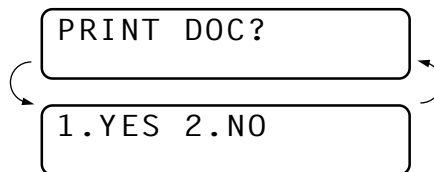
3 To print the fax messages, press **1**.

—**OR**—

Press **2** to exit without printing.

Backup Printing Option

When you choose **DOC:ON** in the Message Manager Mode, all incoming fax messages are stored in the available memory for retrieval. To print a backup copy automatically, turn this option ON.

1 Press **Menu**, **1**, **8**, **2**. The screen prompts you to select a setting.

```
BACKUP PRINT:ON

SELECT ← → & SET
```
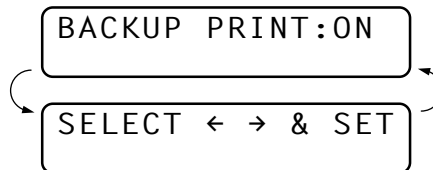
2 Press ← or → to display **ON** (or **OFF**).

3 Press **Set** when the screen displays your selected setting.

4 Press **Stop** to exit.

Erasing Messages

If you choose to erase all fax messages, the machine will print any previously unprinted fax messages before erasing them from memory. Fax messages cannot be erased individually.

You can erase voice messages and memos individually, or all at once.

To erase voice messages individually

1 Press **Play**. The machine beeps and begins message playback. Each message is preceded by one long beep, and followed by two short beeps.

2 To erase a specific message, press **Erase** immediately after the two short beeps, or while the message is playing. The screen prompts

```
ERASE THIS MSG.?

1.YES 2.NO
```
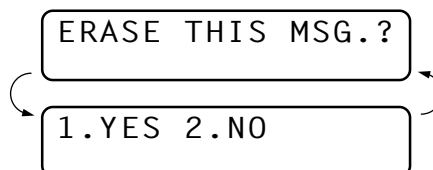
3 Press **1** to erase the message.

—**OR**—

Press **2** to cancel.

4 Press **Stop** to exit.

To erase messages all at once

1 Press **Erase**. The screen prompts you to choose what kind of messages you want to erase.

```
ERASE ALL VOICE?
```

```
SELECT ← → & SET
```
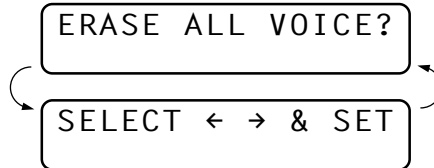
2 Press ← or → to select erasing all voice messages (**ALL VOICE**), all document messages (**ALL DOC.**), or all messages—both voice and fax—(**ALL MSG**).

3 Press **Set**.

4 Press **1** to erase.

—**OR**—

Press **2** to cancel.

Setting the Maximum Time for Incoming Messages

Your machine comes set to receive voice messages up to 35 seconds long. You can change this setting to any length from 35 seconds to 60 seconds, in 5-second increments. This setting also applies to Personal Mailbox ICM and Memo.

1 Press **Menu**, **1**, **8**, **4**. The screen prompts you to select a maximum time.

```
MESSAGE 35 SEC
```

```
SELECT ← → & SET
```
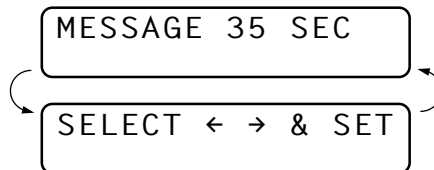
2 Press ← or → to select the maximum time setting for incoming messages.

3 Press **Set** when the screen displays your setting.

4 Press **Stop** to exit.

Setting the Toll Saver

*See
"Setting the
Ring Delay"
chap. 5*

When you set the Toll Saver feature, the machine answers after 4 rings if you *don't* have messages, and after 2 rings if you *do* have messages. This way, when you call the machine, if it rings 3 times, you know you have no messages, and can hang up, avoiding any call cost.

When Toll Saver is **ON**, it overrides your Ring Delay setting. Toll Saver must be **OFF** for the machine to operate using your Ring Delay setting.

1 Press **Menu**, **1**, **2**, **1**.

2 Press ← or → to select **TOLL SAVER** (or **RING DELAY**).

3 Press **Set** when the screen displays your selection.

4 Press ← or → to select **ON** (or **OFF**).

5 Press **Set**.

6 Press **Stop** to exit.

ICM Recording Monitor (Call Screening)

This feature lets you turn **OFF** (or **ON**) the speaker volume for voice messages. When you turn the monitor **OFF**, you will not hear messages as they come in.

1 Press **Menu**, **1**, **8**, **5**.

2 Use ← or → to select **OFF** (or **ON**).

3 Press **Set** when the screen displays your selection.

4 Press **Stop** to exit.

Recording a Memo

A memo is stored and played as a voice message.

1 Press **Record**.

2 When the display prompts you to pick up the handset, speak into the handset to record your memo. Your recording can be as long as the Incoming Message Maximum Time (**Menu**, **1**, **8**, **4**).

3 Press **Stop** or replace the handset when you're finished.

Recording a Conversation

You can record a telephone conversation by pressing **Record** during the conversation. Your recording can be as long as the Incoming Message Maximum Time. You and the other party will hear a beep every 15 seconds while recording.

Fax Forwarding/Paging

When Paging is set to ON, your machine dials the phone number you have programmed and, when connected, plays the Paging OGM message you have recorded. This lets you know you have a fax or voice message in the Message Manager memory.

When Fax Forwarding is set to ON, your machine dials the fax machine phone number you've programmed, and forwards any faxes you've received.

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

Programming a Fax Forwarding Number

1 Press **Menu**, **1**, **8**, **6**.

2 Press $\leftarrow$ or $\rightarrow$ until the screen displays

> FAX FORWARD

3 Press **Set**. The screen prompts you to enter the number of the fax machine where faxes will be forwarded.

> FWD#:
>
> ENTER & SET

4 Enter the forwarding number (up to 20 digits).

5 Press **Set**.

6 Press **Stop** to exit.

You can change a Fax Forwarding number remotely.

Recording the Paging Outgoing Message (OGM)

Before paging can work, you should first record the Paging OGM.

1 Press **Menu**, **1**, **8**, **3**. The screen prompts you to choose an OGM.

> TAD MESSAGE
>
> SELECT ← → & SET

2 Press ← or → to reach

PAGING MSG.

3 Press **Set**.

4 Press **Record**, then pick up the handset to record a message.

5 Press **Stop**. The Message Manager plays your OGM.

6 Press **Stop**.

Programming the Paging Number

1 Press **Menu**, **1**, **8**, **6**.

2 Press ← or → until the screen displays

PAGING

3 Press **Set**. The screen prompts you to enter your pager number.

PAG#:

ENTER & SET

4 Enter your paging number up to 20 digits. This is the telephone number which your machine must call.

5 Press **Set**.

6 Press **Stop** to exit.

You cannot change a Paging number remotely.

Remote Retrieval

This section is for the MFC-9550. (If you have the MFC-9050, please see chap. 9 for your remote fax options.)

Using the Remote Access Code

To listen to your voice messages, you can call from any touch tone phone. To receive faxes at your location, you must call from a fax machine using touch tone. For convenience, you can retrieve faxes from a touch tone phone by having them sent to a fax machine. For example, if your hotel room does not have a fax machine, you can enter the number of the fax machine at the hotel's Front Desk.

1 Dial your machine's phone number from a touch tone phone.

2 When your machine answers and beeps, immediately enter your Remote Access Code.

3 The machine signals the kinds of messages received:

> **1 long beep—Fax message(s)**
>
> **2 long beeps—Voice message(s)**
>
> **3 long beeps—Fax and Voice message(s)**
>
> **No beeps—No messages**

4 The 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 exit remote access mode when you have finished.

6 Hang up.

If your fax machine is set to Manual Mode, you can access the Message Manager remotely by phoning your machine and letting it ring for about 100 seconds. Your fax machine will answer the phone after about 100 seconds of ringing, and you then have 30 seconds to enter your Remote Access Code.

Changing the Remote Access Code

Enter your Remote Access Code when the machine picks up your call, so you can access features remotely. The access code is preset to 159✳, but you can change this.

1 Press **Menu**, **1**, **8**, **7**.

2 Enter a three-digit number from 000 to 998. The ✳ cannot be changed. Do not use the same digits that appear in your Remote Activation or Deactivation Code.

3 Press **Set**.

4 Press **Stop** to exit.

When you call your machine and enter the Remote Access Code, you must press the fourth digit (three-digit number plus ✳).

Remote Control Commands

Follow the commands below to access features remotely. When you call the fax machine and enter your Remote Access Code (The factory setting is 159✱), the system will signal you with two short beeps to enter a remote control command.

Remote control commands			Detail Operation
91	**Playing voice messages**		After one long beep, the machine plays ICM and Memo.
	1 ← (Skip back)		Press **1** while listening to an ICM or Memo to play it again. If you press **1** before a message, you will hear the previous message.
	2 → (Skip next)		While playing ICM and Memo, you can skip to next message.
	9 STOP Playing		Stop playing the ICM and Memo.
92	**Record Memo**		After one long beep, you can record a memo. You can stop recording by pressing **9**.
93	**Erase all ICM & Memo**		If you hear one long beep, the erase is accepted. If you hear three short beeps, you cannot erase because all voice messages have not been played, or there is no voice message to erase. *This code erases all recorded messages, not one at a time.
94	**Play and Record OGM in memory**		
1 Play	1 TAD MSG		The machine plays the selected OGM. You can stop playing OGMs by pressing **9**.
	2 F/T MSG		
	3 PAGING MSG		
2 Record	1 TAD MSG		After one long beep, you can record the selected OGM. You will hear the message played once. You can stop recording the message by pressing **9**.
	2 F/T MSG		
	3 PAGING MSG		
95	**Changing Fax Forwarding/ Paging setting**		If you hear one long beep, the change is accepted. If you hear three short beeps, you cannot change it because the conditions have not been met (Example: registering paging number). You can register your fax forwarding number by using 4. FAX FWD NO (See "Changing Fax Forwarding Number" in this chapter). Once you have registered the number, the machine will automatically turn to **FAX FWD:ON** mode. Then retrieve a Memory Status List by entering **9 6 1** to make sure that the Fax Forwarding number you registered is correct in the List.
	1 OFF		
	2 Fax Forwarding		
	3 Paging		
	4 FAX FWD NO.		
96	**Retrieve Fax**		Enter the number of a remote fax machine to receive a report or stored fax messages. (See "Retrieving the Memory Status List" and "Retrieving Fax Messages".)
	1 Memory Status List		
	2 Retrieve all FAX		
	3 Erase FAX in the memory		If you hear one long beep, you can erase the fax message from the memory.
97	**Check the receiving status**		You can check whether your fax machine has received any Document or Voice messages. If yes, you will hear one long beep. If no, you will hear three short beeps.
	1 Document		
	2 Voice		
98	**Change Answer Mode**		If you hear one long beep, you can change the answer mode. If you hear three short beeps, you cannot change it. (Example: There is no TAD MSG when you want to change to TAD mode.)
	1 TAD		
	2 Fax/Tel (**F/T**)		
	3 Fax		
90	**Exit**		After a long beep, you can exit remote control.

Retrieving the 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 machine's number.

2 When you hear the beep, immediately enter your Remote Access Code (The factory setting is **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. Your fax machine then sends the Memory Status List to the fax machine that you are calling from.

Retrieving Fax Messages

1 Dial your fax machine's number.

2 When you hear the beep, immediately enter your Remote Access Code (The factory setting is **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 fax machine that you are calling from prints your fax messages.

Changing the Fax Forwarding Number

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

1 Dial your fax machine's number.

2 When you hear the beep, immediately enter your Remote Access Code (The factory setting is **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 (up to 20 digits) 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 **#**. Also, if your fax machine is connected to a PABX, you can press **#** first before the fax machine's number. The **#** works as well as **R** key.

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. Your fax machine then sends the Memory Status List showing the new forwarding number to the fax machine that you are calling from.

8 Check the forwarding number.

If the forwarding number is incorrect, return to Step 1 to reset it.

There are some fax machines which, having completely received the MEMORY STATUS LIST from your machine, will give an audible "HANDSET UP" or similar alarm, if you keep the line held in readiness for the next command.

In such cases, it may be possible to clear the alarm and enter the next command (e.g. "962" for RETRIEVE), by pressing **Stop** once or twice on the receiving machine during the alarm beeping time. If this doesn't work, simply replace the handset, pause, and redial the call, using then the "962" command after your machine answers and accepts your remote access code.

Printing Reports

Machine Settings and Journal

You can print the following lists and reports:

1.XMIT REPORT	Choose if Transmission Verification Report is printed after all Faxes sent.
2.JOURNAL	Journal lists information about the last 50 incoming and outgoing faxes. TX means Transmit; RX means Receive.
3.QUICK-DIAL	Lists names and numbers stored in One Touch and Speed Dial memory, in numerical order.
4.TEL. INDEX	Quick-Dial list (above), alphabetically.
5.SYSTEM SETUP	Lists settings for **INITIAL SETUP**, **SETUP RECEIVE**, **PRINT REPORTS**, **REMOTE FAX OPT** (for MFC-9050 only), **SETUP TAD** (for MFC-9550 only) and **MISCELLANEOUS**.
6.MEMORY STATUS	Lists summary information and amount of occupied memory.

To Print a Report

1 For the MFC-9050, press **Menu**, **7**.
For the MFC-9550, press **Menu**, **1**, **7**.

2 Enter the number (see list above) 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 confirmation 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 ERROR, 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 For the MFC-9050, press **Menu**, **7**, **1**.
For the MFC-9550, press **Menu**, **1**, **7**, **1**.

2 Press ← or → to select **ON** or **OFF**.

3 Press **Set**.

4 Press **Stop** to exit.

When the machine is idle, you can print the Transmission Verification Report by pressing **Verify** when you wish to confirm if the last transmission was successful or not.

Journal Period

You can set the machine to print journal reports at specific intervals (1, 3, 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 For the MFC-9050, press **Menu**, **7**, **2**.
For the MFC-9550, press **Menu**, **1**, **7**, **2**.

2 Press ← or → to display

```
JOURNAL PERIOD
```

3 Press **Set**.

4 Press ← or → to choose your setting. If you choose 7 days, the screen prompts you to choose a day at which to begin the 7-day countdown.

5 When the screen displays the setting you want, press **Set**.

6 Enter the time to begin printing, in 24-hour format. (For example, enter 19:45 for 7:45 PM).

7 Press **Set**.

8 Press **Stop** to exit.

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CHAPTER TWELVE

Making Copies

Using Your Machine as a Copier

You can use your machine as a copy machine, making up to 99 copies at a time. The machine can stack the copies or collate (sort) them.

Copy

Enlarge	Reduce	Copy
Sort	Photo	
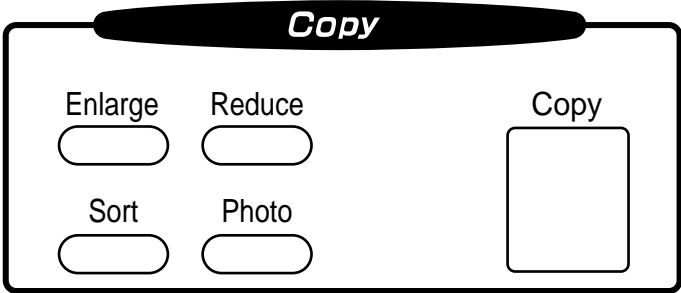
The scannable area of your machine begins at approximately 4mm from the edge of the paper.

(4mm)

Non-scannable area

(4mm)
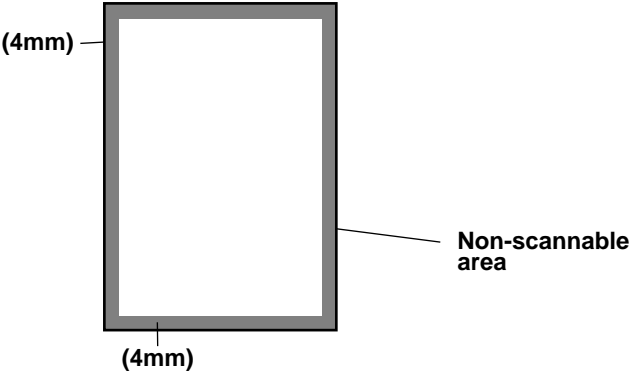
Making a Single Copy

The default resolution for a single copy is Super Fine. Press **Photo** for photographs.

1 Insert the document face down in the feeder.

2 Press **Copy**, then wait five seconds for the document to feed to the start position. —**OR**— Press **Copy** again.

DO NOT pull the paper while copying is in progress.

Making Multiple Copies

There are two ways to make multiple copies on your machine. 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.

Stacking Multiple Copies

1 Insert pages to be copied face-down in the feeder.

2 Press **Copy**.

3 Enter the number (1-99) of copies you want.

4 Wait five seconds. —**OR**— Press **Copy** again.

Sorting Multiple Copies

Sorting uses more memory than Stacking, as the whole document is scanned into memory to start with.

1 Insert pages to be copied face-down in the feeder.

2 Press **Sort**.

3 Enter the number (1-99) of copies you want.

4 Wait five seconds. —**OR**— Press **Copy**.

If You Get a Memory Full Message

If the memory becomes full while your scanning a document to be copied the screen displays

```
MEMORY FULL P.01
```

```
PRESS STOP KEY
```
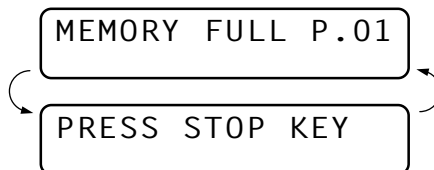
If you were scanning the first page to be copied, press **Stop** to cancel the operation and restart to make a single copy. If you were scanning a subsequent page, you'll have the option to press **Copy** to copy the pages scanned so far —**OR**— press **Stop** to cancel.

Reducing and Enlarging Copies

1 Insert pages to be copied face-down in the feeder.

2 Press **Enlarge** or **Reduce**.

3 Press ← or → to select **AUTO**, **200%**, **150%**, **125%**, **120%**, **100%**, **93%**, **87%**, **75%**, or **50%**.

4 Press **Copy** when the screen displays your selection.

5 Enter the number (1-99) of copies you want.

6 Wait five seconds. —**OR**— Press **Copy** again.

Copying a Photograph

You can copy a photograph by pressing **Photo**, without pressing **Resolution**.

1 Insert the photo(s) face-down in the feeder.

2 Press **Photo**.

3 Use the dial pad to enter the number of copies you want (up to 99).

4 Wait five seconds. —**OR**— Press **Copy** again.

C H A P T E R   T H I R T E E N

Setting Up the Machine and Computer to Work Together

Before You Begin

1 Make sure you have an IEEE 1284 compliant, bi-directional parallel interface cable.

2 Disconnect the telephone line cord, then unplug the machine power cord from the electrical outlet before connecting the parallel interface cable.

3 Make sure your computer is off and unplugged from electrical power before you connect the interface cable.

Connecting the machine to Your Computer

1 Connect the interface cable to the parallel interface port on the back of the machine, and secure with the wire clips.

2 Connect the interface cable to the printer port of your computer, and secure with the two screws. (To locate your computer's printer port, see your computer's user guide.)
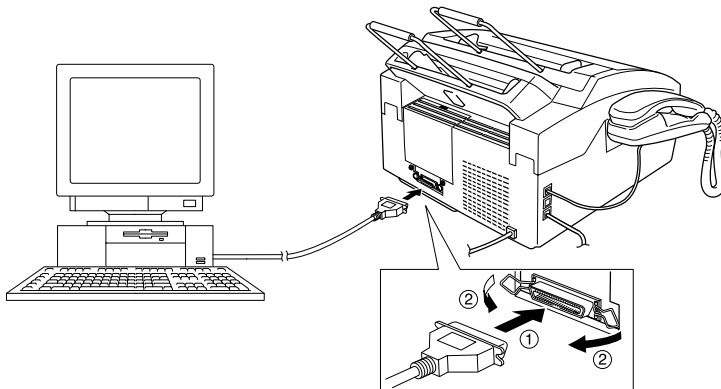
3 Ensure the machine is switched on before you plug the PC into the electric socket, then switch on the PC.

Notice to PC User

A small filter core and cable tie are enclosed in the vinyl bag with your machine. PLEASE SAVE THESE PARTS. You will need them in the future if you connect machine with a Personal Computer. And for optimal preformance, use the Double Shielded Parallel Interface Cable with enclosed Filter core and Cable tie.

When you use a Personal Computer with your machine, please attach the enclosed Filter core to Double Shielded Parallel I/f Cable.

How to Attach the Filter Core to the Double Shielded Parallel I/f Cable:

1 Attach the Cable tie 50mm or less from Parallel Interface connector.
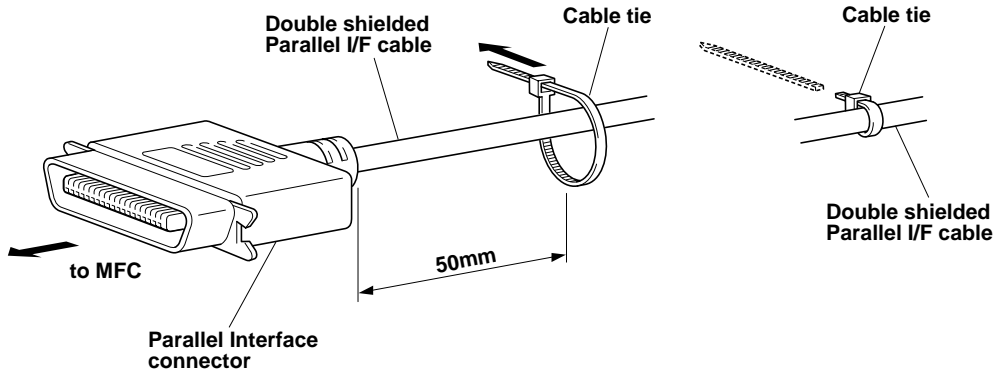
2 Attach the Filter core, pressing until you hear a click, between the Parallel Interface connector and the Cable tie.
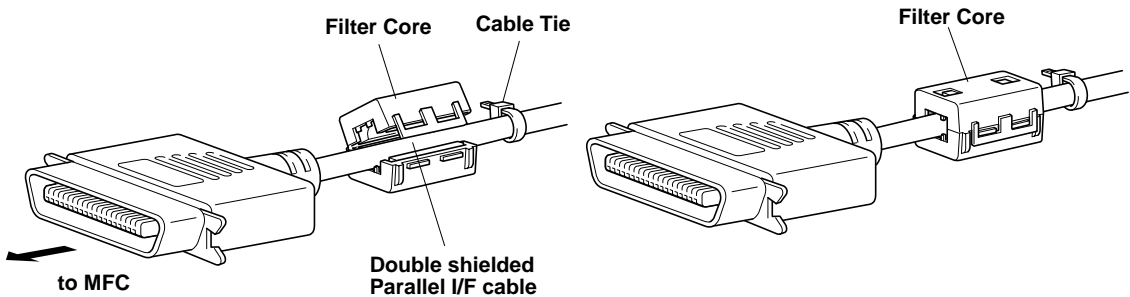
Computer Requirements

Recommended system requirements for the communication software suite provided are:

- Windows® 3.1, 3.11, 95, 98, NT® Workstation 4.0
- IBM PC Pentium 75 or higher
- 16 MB Ram [32 MB Highly Recommended]
- 50 MB of Hard Disk Space
- CD Rom Drive [MFC-9550 only]*

NOTE: Use only a shielded interface cable that is IEEE 1284 compliant and less than 2m (6.5 feet) long.

* Floppy Disks can be made from the CD to install the MFL Pro software on machines without a CD Rom Drive.

Loading the Printer Driver for Your MFC-9050

Your MFC-9050 is a 3-in-one multi-function center—it's a fax, copier and printer. Before you can print from Windows® on your PC, you must first install the printer driver that is included on 3.5 inch floppy diskettes.

Installing MFC-9050 Printer Driver

If you are using Windows NT® Workstation Version 4.0:

1 Click the Start button in the Taskbar.

2 Select *Settings*, then *Printers*.

3 Double-click on the *Add Printer* wizard.

The Add Printer Wizard window appears:
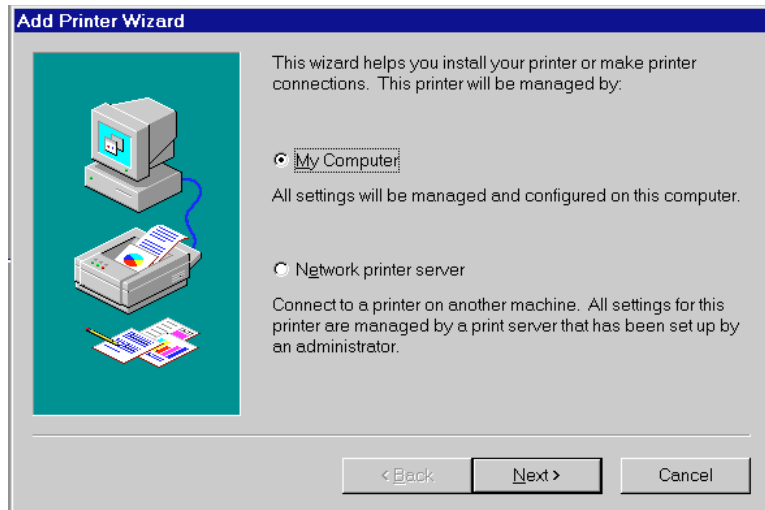
4 Select *My Computer* and click the **Next** button.
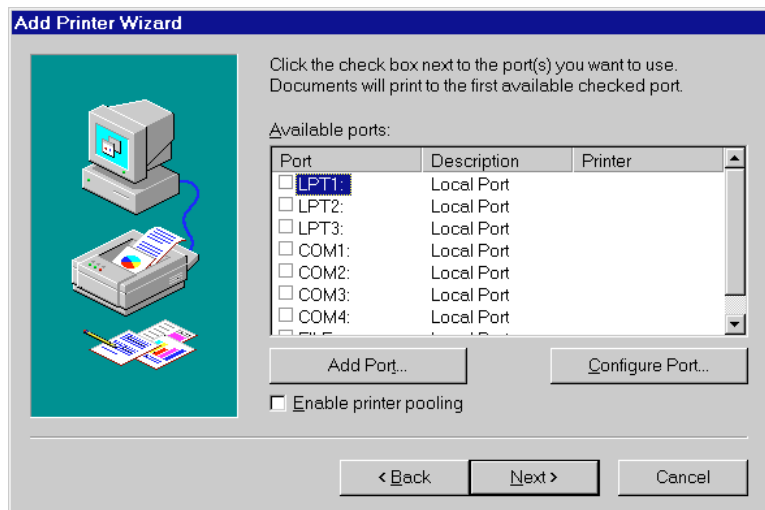
5 Select the Port you will use (we recommend LPT1), and click the **Next** button.
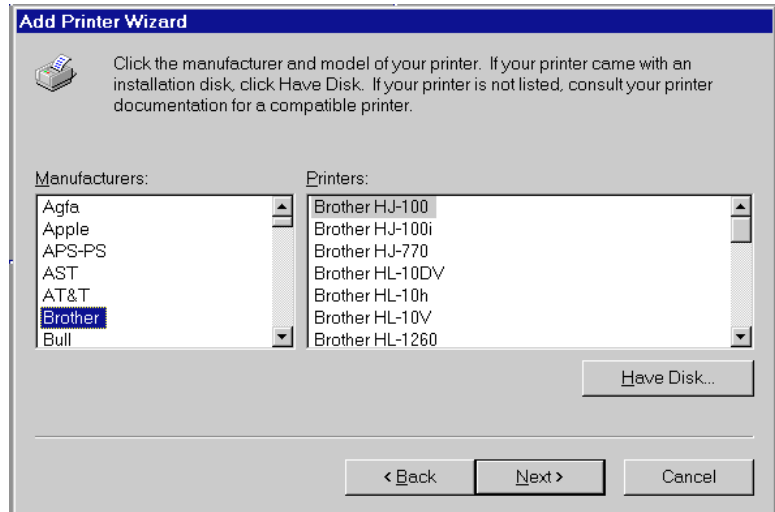
6 Click the **Have Disk** button.

The Install From Disk window appears:
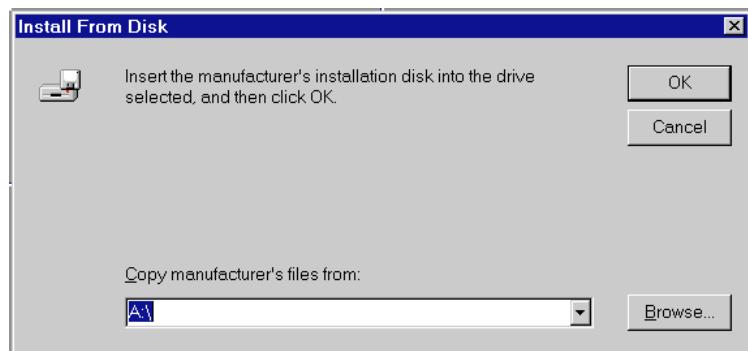
7 Insert the floppy disk for the MFC-9050 printer driver into drive A, and click the **OK** button.Follow the screen prompts to complete the installation.

If you are using Windows 3.1 or 3.11:

1 Insert the floppy disk for the MFC-9050 printer driver into drive A.

2 From the Program Manager, click on File, then Run.

3 Enter A:\SETUP.

—	Run

Command Line:

`a:\setup`

☐ Run Minimized

OK

Cancel

Browse...

Help
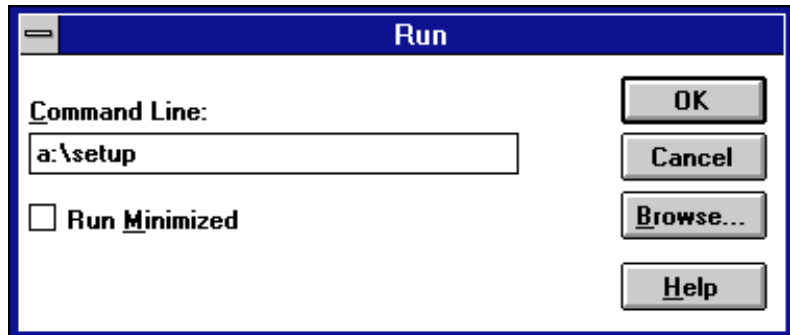
If you are using Windows 95 or 98:

1 Insert the floppy disk for the MFC-9050 printer driver into drive A.

2 Click the **Start** button in the Task bar.

3 Select Run

4 Enter A:\SETUP.

Run

Type the name of a program, folder, or document, and Windows will open it for you.

Open: `a:\setup`

OK   Cancel   Browse...

. . . .
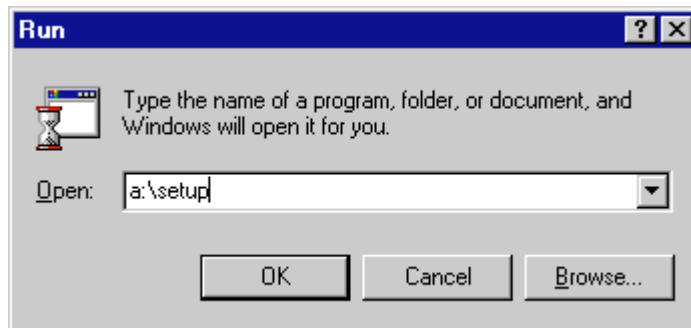
Software for your MFC-9550

Software/Drivers

The following software is provided to optimize the use of your MFC - 9550. The software can run under Windows® 3.1, 3.11 and 95, 98 and Windows NT® Workstation Version 4.0.

■   Printer Driver*- The printer driver creates the print data from the applications, controls transmission and makes settings for printing. It is necessary to install the MFC-9550 printer driver into your PC for printing.

■   Scanner Driver*- The MFC-9550 scanner driver is TWAIN compliant. You can use the scanner directly from TWAIN compliant applications. In the scanner driver you can change settings for scanning.

■   Maintenance Utility for DOS-

This is utility software running under MS-DOS. If you are not using Windows, you can use the machine's HP/Laserjet IIP emulation to print. Some settings which are unique to the machine and maintenance operations can be made with this utility.

■   MFL Pro Software-

This software allows you to send and receive faxes with your PC, please refer to the MFL-PRO Manual for further information. *The Brother Resource Manager must be installed to use this software.*

* These drivers are supplied within the Brother Resource Manager.

Installing the Software/Drivers under Windows®

All the software and drivers are supplied on a single CD. An Auto-Install program will guide you through most of the installation process.

1 Make sure that your machine is connected to your computer and that the machine is switched on.

2 Turn your computer on and start Windows®.

NOTE: Under Windows®95 the following screen might appear, as shown below.

A) If you see the above screen, select the third option "Do not install a driver [Windows will not prompt you again]".

B) If you see the "Update Device Driver Wizard" during start up, follow the instructions from the installer, click **Next**, then **Finish** when it appears on the screen.

3 Insert the CD-ROM into your CD-ROM Drive. Windows® 3.1/3.11/95/98/NT4.0 will be detected automatically, and if possible the Auto-Installer will run automatically. If the Auto-Installer does not run after a few seconds, you can run it by:-

- Win 3.1/3.11

    A) Choose **Run** from the **File** menu in **Program manager**.

    B) Type X:\SETUP.EXE" [where X is your CD-ROM Drive] in the command line box.

    C) Click on **OK**.

- Win 95/98/NT4.0

    A) Click the **START** button and then select **RUN** from the **Start Menu**.

    B) Type X:\SETUP.EXE" [where X is your CD-ROM Drive] in the command line box.

    C) Click on **OK**.

YOU CAN EXIT FROM THE AUTO-INSTALLER AT ANYTIME BY CLICKING ON THE ICON IN THE BOTTOM RIGHT HAND CORNER OF YOUR SCREEN.

4 From the Auto-Installer Select your preferred language by double clicking on it with your mouse.

5 The MFC-9550 is a parallel laser device so select this option, again by double clicking.

6 Select **STEP 1** and install the **Brother Resource Manager**. You can either install the software now or make floppies*. Follow the onscreen prompts and re-boot your PC when instructed to do so.

If you wish to install **MFL Pro**, repeat Steps 3 to 5, then select **STEP 2** to install MFL Pro. Again following the onscreen prompts and re-booting your PC when instructed to do so.

7 When installation is complete remove the CD-ROM from the drive.

* You can make floppy disks to install the software on another PC without a CD-ROM Drive. When making the floppy disks, label the first one **disk 1**, the second **disk 2** and so on until the program completes. To install from floppy insert **disk 1** in your floppy disk drive and type A:\SETUP.EXE" where A is your floppy disk drive [see step 3 for more details].

Installing the Maintenance Utility on MS-DOS®

How to Use the MFC with Your DOS Application Software

Before working with your application software that runs on DOS, check that the machine's name appears in the printer selection of your application software. If the machine is not listed, you must install the printer driver that corresponds to HP LaserJet IIP's emulations.

The following table shows combinations of printer drivers and emulation mode. To get the most out of this machine, you should install an HP printer driver in your application software.

Printer driver supported in your application software	Emulation mode to be selected with the remote printer console program
HP LaserJet IIP™	HP LaserJet IIP emulation mode
HP LaserJet II™	Auto emulation selection

- The best or recommended printer driver is indicated in bold.

- Be sure to choose the proper printer driver in your application software.

- Be sure the printing resolution is set to 300 dpi in your DOS application software.

What Does the Remote Printer Console Do?

The Remote Printer Console (RPC) is a utility program that can run in the DOS environment and comprises the following two programs:

Remote Printer Console Main Program

This program allows you to change various printer settings such as emulation, print quality, fonts, page setup etc., from your computer screen. Since most DOS applications have a Printer Settings menu that overrides the settings made by the RPC, you may not have to use this utility program. This utility program is useful for application software that does not control the printer's settings and features.

Printer Status Monitor Program

This utility program can monitor your printer's status using bi-directional parallel communications. This utility program stays resident in your computer memory (Terminate-and-Stay Resident program) and runs in the background.

Installing the Remote Printer Console

Before you install the program, make sure you have the following hardware and software to install the program:

DOS   Version 3.3 or later

Monitor   EGA/VGA or compatible

Option   Mouse; the mouse driver must be installed.

            (You can also operate the program with the keyboard.)

Follow these steps to install the remote printer console program:

1 Make sure your machine is connected to your computer and it is set to Online.

2 Start your computer and go to the DOS prompt. If you are in Windows®, exit and return to the DOS prompt.

3 Insert the Brother CD-ROM into your CD-ROM drive (substitute your appropriate drive letter for "X").

4 At the DOS prompt (C:\>) type X: (X is the letter of your CD-ROM drive) and press Enter.

> C:\>X:

5 Type CD DOS\LASER and press Enter.

> X:\>CD DOS\LASER

6 Type RPCSETUP.EXE and press Enter.

> X:\DOS\LASER>RPCSETUP.EXE

7 Follow the instructions from the installer.

Using the Remote Printer Console Main Program

Type C:\RPCX>**RPCX** and press the Enter key to start the Remote Printer Console main program.

The Main Screen will appear on your computer screen.

■ Do not use this program from a DOS window running under Windows.

C H A P T E R   F O U R T E E N

Using the machine as a Printer

Special Printing Features

Windows® Printing

The dedicated printer driver and TrueType™ - compatible fonts (for MFC-9550 only) for Microsoft® Windows® 95, 98 and 3.1, 3.11 and Windows NT® Workstation Version 4.0 are available on the CD-ROM supplied with your machine. You can easily install them into your Windows® system using our installer program. The driver supports our unique compression mode to enhance printing speed in Windows® applications, and allows you to set various printer settings including economy printing mode and custom paper size.

Alternate Printer Emulation Support (Only for MFC-9550)

This printer supports HP LaserJet IIP printer emulation mode. When you use DOS application software, or Windows® 3.0 or earlier, you can use the emulation mode of HP LaserJet IIP to operate the printer. Use the Remote Printer Console program to set the printer emulation.

Remote Printer Console Program for DOS (Only for MFC-9550)

The CD-ROM supplied with your machine provides you with Remote Printer Console (RPC), a utility program. When you operate your computer in the Disk Operating System (DOS) environment, this program lets you easily change the printer's default settings (such as fonts, page setup, emulations, etc.).

The RPC program also provides a status monitor program, a Terminate-and-Stay Resident (TSR) program. It monitors the printer status while running in the background, and reports the current status or errors on your computer screen.

Bi-directional Parallel Interface

The bi-directional interface lets the machine communicate with the computer, sending information about memory and printer setup conditions. The Remote Printer Console and Windows® 95, 98 or 3.1 or 3.11, or Windows NT® Workstation 4.0 drivers support the bi-directional mode and can report the printer status to the computer.

Enhanced Memory Management

The machine has its own Data Compression Technology, which automatically compresses graphic data and downloads font data efficiently into the printer's (machine's) memory. You can avoid memory errors and print most full-page, 600dpi graphic and text data, including larger fonts, with the machine's standard memory.

Printing From Your PC

Multi-Purpose Sheet Feeder

The machine's multi-purpose sheet feeder can feed plain paper, envelopes, and organizer paper. When the machine receives data from your computer, it begins the print process by loading paper from the multi-purpose sheet feeder.

■ Select the print command from your PC.

Your PC sends a print command and data to the machine. The screen displays the date and time, and **RECEIVING DATA**. If there are more pages, the machine begins to print the next page automatically. When the machine finishes printing all data, it returns to online status.

See "Acceptable Paper" in this chapter

You may select the proper paper source, paper size, and orientation in your application software.

If your application software does not support your custom paper size, select the next larger paper size. Then adjust the print area by changing the right and left margins in your application software.

! When you use labels or transpariencies for overhead projectors, be sure to use the manual feed slot.

Two-Sided Printing (Manual Duplexing)

The supplied printer driver for Windows® 3.1, 3.11 and 95, 98 and for Windows NT® Workstation Version 4.0 enables manual duplex printing. (For more information, see the Help screen for the printer driver.)

The machine prints all the even-numbered pages on one side of the paper first. Then, the Windows® driver instructs you (with a pop-up message) to reinsert the paper. Before reinserting the paper, straighten it well, or you may get a paper jam. Very thin or very thick paper is not recommended. If the paper "double-feeds" (sends two sheets at once), hold the paper except for the front sheet while the paper is feeding.
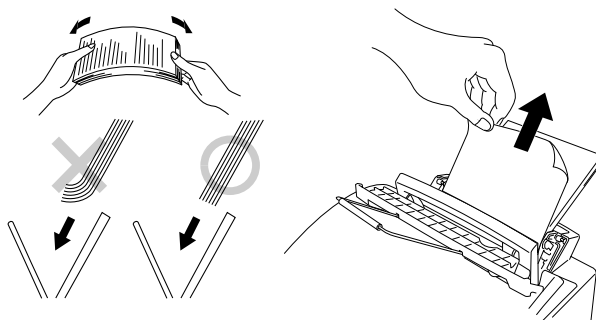
! When you use the manual duplex function, it is possible that a paper jam may occure or the printer quality might not be satisfactory.

Loading Envelopes

If you load envelopes into the Multi-purpose sheet feeder, make sure they are inserted in the direction shown below.
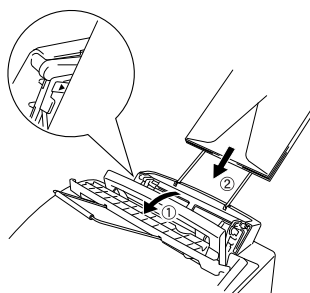
Manual Feed Slot

The Multi-purpose sheet feeder also has a manual feed slot. You can load paper sheet-by-sheet into this slot. You do not have to remove paper from the Multi-purpose sheet feeder.

Loading one sheet of paper

You do not have to choose manual feed in the Setup dialog box of your printer driver. Insert the sheet of paper for Portrait (vertical) or Landscape (horizontal), with the side you wish to print on face down in the manual feed slot.

1 Align the paper at the center of the manual feed slot, and be sure to insert it all the way.

2 Adjust the paper guide of the manual feed slot to the width of the paper you're using.

Loading more than one sheet of paper

1 Open the Setup dialog box of the Windows® printer driver and select Manual Feed in the Paper Source section. Follow Steps 1 and 2 above to load the first page. The machine starts printing automatically.

2 After the first page is printed, the dialog box appears and prompts you to load the next page. Load a sheet and select OK to resume printing.

3 Repeat Steps 1, 2, and 3 until you have finished printing.

- When you use the manual feed slot, it is best to first press **Print Priority**. This allows you to print PC data without interruption from incoming faxes. Incoming faxes will be stored in the machine's memory. To continue printing PC data, press **FF/Cont** after each page has printed.

- To stop or clear the manual feed, turn the machine offline by pressing the **On/Off Line** key then, press **Shift** and **Test/Reset** —**OR**— you can stop it with a PC command.

- If you do not select manual paper feed, and insert a page in the manual feed slot, the machine will load the first page from the manual feed slot and subsequent pages from the Multi-purpose Sheet feeder.

Paper Tray

The machine ejects paper with printed surfaces face down into the paper tray at the front of the machine. When you use transparencies, remove each sheet immediately after printing, to prevent a paper jam or curled sheets.

Simultaneous Printing/Faxing

Your machine can print data from your computer while sending or receiving a fax, or while scanning information into the computer. However, when the machine is copying or receiving a fax on paper, it pauses the PC printing operation, and resumes when copying or fax receiving is complete. Fax sending continues during PC printing.

Printer Operation Keys

Printer			
On/Off Line	FF/Cont	Print Priority	Test/Reset
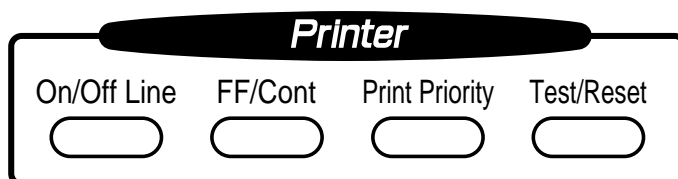
On/Off Line Key

This key toggles the machine's On Line and Off Line print status, which appears on the display. If you press this key while printing, the machine immediately stops printing and goes offline. Press **On/Off Line** again to resume printing.

FF/Cont Key

This key sets the machine for Form Feed, Continue (Cont) Key.

When the screen displays **REMAINED DATA**, press **On/Off Line**, then press **FF/Cont**. The machine prints any data remaining in the printer memory.

If an error occurs, such as a memory full condition, press **FF/Cont** to clear the error and continue operation.

Test/Reset Key

You can use this key to print a test sample page. If data remains in the printer memory, press **On/Off Line**, then press **Test/Reset** (the printer cannot print a test sample page if it is online). The machine prints a test sample page.

You can also use this key to clear data from the memory and to reset the printer to default settings. Press **Test/Reset** and **Shift** at the same time; all data is cleared from the printer memory.

Print Priority Key

When you press **Print Priority**, the machine enters printer mode, and will not print faxes on paper. Instead, faxes are stored in memory until you press **Print Priority** again.

Printing the Internal Font List (Only for MFC-9550)

You can print a list of the machine's internal (or resident) fonts to see how each font looks before you select it.

1 Press **Menu**.

2 Press **2**, **1**, **1**.

3 Press **Start**. The machine prints the list.

4 Press **Stop** to exit.

Printing the Print Configuration List (Only for MFC-9550)

You can print a list of current settings for the printer.

1 Press **Menu**.

2 Press **2**, **1**, **2**.

3 Press **Start**. The machine prints the settings.

4 Press **Stop** to exit.

Restoring Factory Default Settings (Only for MFC-9550)

You can return the machine to original factory settings. Permanent fonts are restored, but macros are cleared. You can change user settings using the Remote Printer Console program.

1 Press **Menu 2**, **2**, **1**. The screen displays

> 1.RESET 2.QUIT

2 Please choose **1** to restore the factory setting. —**OR**— Press **2** to exit without making a change.

3 Press **Stop** to exit.

Printing PC Data in Hexadecimal (Only for MFC-9550)

You can print data as hexadecimal values, so that you can check data errors and problems. If you select **HEX DUMP MODE**, all PC data is printed hexadecimal. Reset by pressing **On/Off Line** then **Shift** and **Test/Reset** at the same time.

1 Press **Menu 2**, **2**, **2**. The screen displays

> 1.SET 2.QUIT

2 Press **1** to set PC to print in hexadecimal mode. —**OR**— Press **2** to exit.

3 Press **Stop** to exit.

Acceptable Paper

To achieve high quality printing from your machine, it's very important to select the right kind of paper.

Paper Type	Paper Size
Cut sheet	A4, Letter, Legal, B5, A5, Executive, Custom size 70-216 x 127-356 mm (2.75-8.5 x 5-14 inches)
Envelopes	DL, C5, COM-10, Monarch, 9" x 12"
Post Card	70-216 x 127-279 mm (2.75-8.5 x 5-11 inches)
Organizer	Day-Timer® J, K, L, M 70-216 x 127-279 mm (2.75-8.5 x 5-11 inches)
Labels and Transparencies	70-216 x 127-356 mm (2.75-8.5 x 5-14 inches)

Paper Capacity in Feeder
Multi-purpose
Sheet Feeder: Up to 22 mm (0.87 inches) in height (up to the mark) Approx. 200 sheets of 75 g/m^2 (20 lb) or 50 sheets of 158 g/m^2 (42 lb) A4/Letter paper, or 10 envelopes

	Cut Sheet	Envelope
Basis Weight	60 to 158 g/m^2 (16 to 42 lb.)	75 to 90 g/m^2 (20 to 24 lb.) single thickness
Caliper	(±0.03 to ±0.08 in.) 0.08 to 0.2 mm	(0.0033 to 0.0058 in.) 0.084 to 0.14 mm single thickness
Moisture Content	4% to 6% by weight	4% to 6% by weight
Smoothness	100 to 250 (Sheffield)	100 to 250 (Sheffield)

Recommended paper types:
Cut sheet: Xerox 4200
Label: Avery laser label or equivalent
Transparency: 3M CG3300 for laser printers or equivalent
Output Tray: Approx. 100 sheets of 75 g/m^2 (20 lb) A4/Letter paper

CHAPTER FIFTEEN

Optional Accessories

Memory Board

The memory board is installed on the main controller board inside the machine. When you add the optional memory board, it increases the performance modes for both fax and printer operations.

Optional Memory for the Printer & Fax Operations

The machine can recognize 1MB (ME1000) or 2MB (ME2000) of Optional Memory using a special Brother memory board that is available from your Brother dealer. Be careful to purchase the appropriate memory board for your needs.

For the Printer

Additional memory is useful and may be necessary if you want to download many different fonts or want to print a very complex document.

For the Fax

Additional memory is available and will expand the memory available for sending and receiving faxes.

Model Name	Optional Memory	Total
MFC-9050 MFC-9550 with standard memory 1.3MB (up to 130 Pages) (20 Minutes)	1 MB or 2 MB	2.3MB (up to 230 Pages) (30 Minutes) 3.3MB(up to 330 Pages) (45 Minutes)

Using Brother #1 Chart with MMR coding and Standard Resolution.

Installing the Optional Memory Board

1 Disconnect the telephone line cord, then unplug the machine power cord from the AC socket and disconnect the interface cable.

(Example for the U.K.)
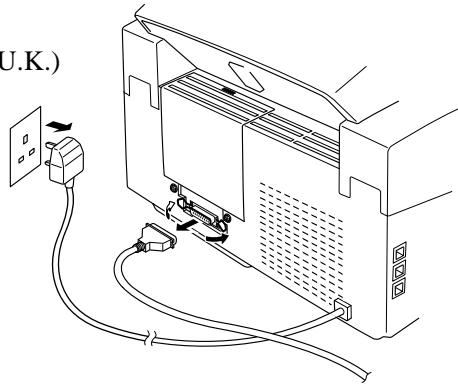
⚠️ **WARNING**

Unplug the power cord before installing (or removing) the memory board.

2 Push down the top of rear cover to release hook, and pull the rear cover toward back.
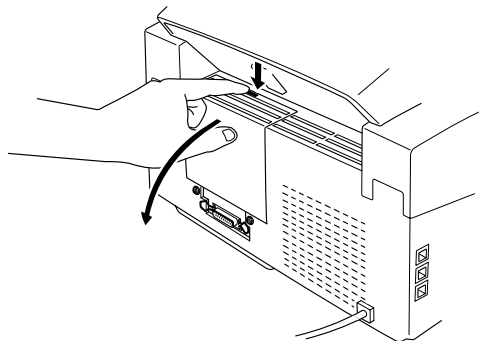
⚠ **WARNING**

Do not touch the surface of the main controller board.

3 To install the memory board onto the main controller board, use the attached spacer and plug it into the left connectors of the main controller board.
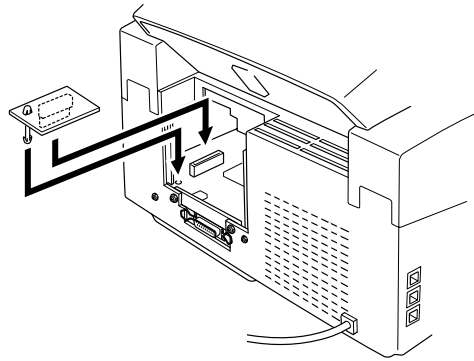
⚠ **WARNING**

■ Hold the edge of the memory board. Do not touch the surface of the board.

■ Make sure the memory board is securely seated in the main controller board.

4 Reinstall the rear cover.
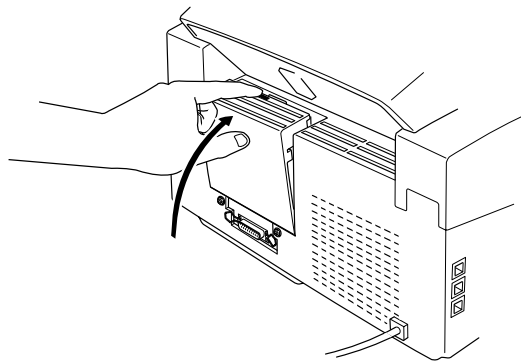
5 Reconnect the interface cable.

6 Plug the power cord into the AC socket.

7 Connect the telephone line cord.

CHAPTER SIXTEEN

Important Information

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 telephone and AC sockets (in this order) before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

5 Do not place this product on an unstable surface.

6 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 soft surface. This product should never be placed near or over a radiator or heater. This product should not be placed in a built-in installation unless proper ventilation is provided.

7 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.

8 This product is equipped with a 3-wire earthed plug. This plug will fit into only an earthed socket. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete socket. Do not defeat the purpose of an earthed plug.

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

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

11 Do not touch a document during printing.

12 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.

13 Do not attempt to service this product yourself, because opening or removing covers may expose you to dangerous voltage points and/or other risks. Refer all servicing to service personnel.

14 This product has no mains ON/OFF switch. It is therefore highly important that access to the mains plug and the mains socket to which the plug is connected, is never obstructed, in case for some reason the mains power to the machine must be quickly disconnected.

15 Unplug this product from the mains power and telephone line sockets, and refer servicing to qualified Service Personnel 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.

IEC 825 Specification

This machine is a Class 1 laser product as defined in IEC 825 specifications. The label shown below is attached in countries where required.

CLASS 1 LASER PRODUCT

APPAREIL À LASER DE CLASSE 1

LASER KLASSE 1 PRODUKT
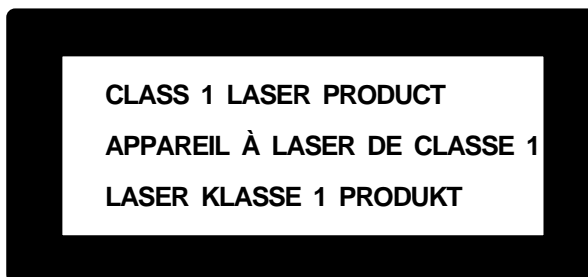
This machine has a Class 3B Laser Diode which emits invisible laser radiation in the Scanner Unit. The Scanner Unit should not be opened under any circumstances.

Caution

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

The following caution label is attached near the scanner unit.

CAUTION	INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK OEFEATED. AVOID DIRECT EXPOSURE TO BEAM. CLASS 3B LASER PRODUCT.
ADVARSEL	USYNLIG LASER STRÅLING NÅR KABINETLÅGET STÅR ÅBENT. UNGDÅ DIREKTE UDSÆTTELSE FOR STRÅLING. KLASSE 3B LASER.
VARNING	OSYNLIG LASERSTRÅLNING HÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRRAR ÄR URKOPPLADE. STRÅLEN ÄR FARLIG. KLASS 3B LASER APPARAT.
VARO!	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN. LUOKAN 3B LASERLAITE.
ADVARSEL	USYNLIG LASERSTRÅLING, UNNGÅ DIREKTE KONTAKT MED LASERENHETEN NÅR TOPPDEKSELET ER ÅPENT. KLASSE 3B LASERPRODUKT.
ATTENTION	RADIATIONS LASER INVISIBLES OUAND OUVERT ET VERROUILLAGE ENLEVE. EVITER EXPOSITIONS DIRECTES AU FAISCEAU. PRODUIT LASER CLASSE 3B.
VORSICHT	UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN. SICHERHEITSKLASSE 3B.
ATENCIÓN	RADIACIÓN LASER INVISIBLE CUANDO SE ABRE LA TAPA Y EL INTERRUPTOR INTERNO ESTÁ ATASCADO. EVITE LA EXPOSICIÓN DIRECTA DE LOS OJOS. PRODUCTO LASER CLASE 3B.

Radio Interference (For 220-240 V Model Only)

This apparantus complies with EN55022 (CISPR Publication 22)/Class B.

For Your Safety

To ensure safe operation the three-pin plug supplied must be inserted only into a standard three-pin power point which is effectively grounded through the normal household wiring.

Extension cords used with the equipment must be three-conductor and be correctly wired to provide connection to ground. Incorrectly wired extension cords are a major cause of fatalites.

The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, consult a qualified electrician.

IEC 825 Laser Class

CLASS 1 LASER PRODUCT.

Disconnect device

The equipment must be installed near the socket outlet which must be easily accessible.

Manufactured at

Brother Inasustries Ltd.

Kariya Plant

1-5, Kitajizoyama, Noda-cho, Kariya-shi, Aich-ken, Japan.

Kariya Plant is carried out under a Quality System which is registered by JQA Quality Assurance and BSI Quality Assuarance.

> JQA Certificate of Registration No. 0340.
> BSI Certificate of Registration No. FM27391

IMPORTANT

If the socket outlet is not compatible with the mains plug as fitted, then remove the plug from the mains cord and fit an appropriate three pin plug. If the replacement plug is intended to take a fuse then fit the same fuse as the original.

If a moulded plug is severed from the power cord then it should be destroyed because a plug with cut wires is dangerous if plugged into a live socket outlet. Do not leave it where a child might find it.

In the event of replacing the plug fuse, fit a fuse approved by ASTA to BS1362 with the same rating as the original fuse.

Always replace the fuse cover. Never use a plug with the cover omitted.

WARNING - THIS PRINTER MUST BE PROPERLY EARTHED.

The wires in the mains cord are cololured in accordance with the following code:

Green and yellow: Ground

Blue: Neutral

Brown: Live

The colours of the wiring in the power lead of this printer may not correspond with the markings which idenitify the terminals in your plug. If you need to fit a different plug, proceed as follows.

Remove a length of the cord outer sheath, taking care not to damage the coloured insulation of the wires inside.

Cut each of the three wires to the appropriate length. If the construction of the plug permits, leave the green and yellow wire longer than the others so that, in the event that the cord is pulled out of the plug, the green and yellow wire will be the last to disconnect.

Remove a short section of the coloured insulation to expose the wires.

The wire which is coloured green and yellow must be connected to the terminal in the plug which is mared with the letter "E" or by the earth symbol or coloured green or green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter "N" or coloured black or blue.

The wire which is coloured brown must be connected to the terminal which is marked with the letter "L" or coloured red or brown.

The outer sheath of the cord must be secured inside the plug. The coloured wires should not hang out of the plug.

BABT Approval

This apparatus has been approved by the British Approvals Board for Telecommunications, for use of the following facilities:

INTEGRAL MODEM IN GROUP 3 FACSIMILE

LOUDSPEAKING FACILITY (CALL PROGRESS MONITOR)

STORAGE OF TELEPHONE NUMBERS FOR RETRIEVAL BY PREDETERMINED CODE

CONNECTION TO AN APPROVED PBX (PRIVATE BRANCH EXCHANGE)

OPERATION IN THE ABSENCE OF PROCEED INDICATION

AUTOMATIC STORAGE OF THE LAST NUMBER REDIALLED

SERIES CONNECTION FACILITY

Any other usage will invalidate the approval of the apparatus, if as a result it then ceases to comply with the standards against which approval was granted.

The machine is approved for connection to a single exclusive direct exchange line provided by BT, Kingston-upon-Hull Telecommunications and CATV, and to approved Private Automatic Branch Exchanges (PABXs).

The connection to the BT network must not be hard-wired.

This equipment is NOT approved for connection to the following:

1 + 1 Carrier Systems;

Leased Lines;

Shared Service ("Party") Lines;

As an extension to a Payphone;

Calls to the emergency services (999) DO NOT remain enabled on the handset in the absence of mains power.

Stored telephone numbers are retained in the absence of mains power. The loudspeaking facility (call progress monitor) will not function unless the unit is plugged into the mains and switched on at the power socket of the mains switch if applicable.

This owner's manual has been provided with your machine to help you make use of the functions provided.

This machine must not be connected in conjunction with parallel extension telephones, unless those telephones are connected downstream of this machine. This means that the cable to which any extension device is connected, should be terminated on a BT modular jack plug type 431A which in turn is inserted into the modular socket of the T-shaped line cord connector of this machine. If these instructions are not followed, the following conditions may occur:

1. The fax machine inadvertently auto-answers in response to outward pulse dialling of an extension telephone.

2. Fax transmissions can be impaired or will fail entirely.

3. Remote activation from extension telephones may not work correctly.

If in doubt about any aspect of telephone extension cabling, contact BT, Kingston upon Hull Telecommunications, your PBX maintainer, your CATV company or a reputable telephone cabling company.

CHAPTER SEVENTEEN

Troubleshooting and Maintenance

Troubleshooting

Error Messages

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

ERROR MESSAGES		
ERROR MESSAGE	**CAUSE**	**ACTION**
CHANGE DRUM SOON	The drum unit is near the end of its life.	If you have a print quality problem, replace the drum unit with a new one.
CHECK PAPER	The machine is out of paper or paper is not properly loaded in the Multi-purpose sheet feeder.	Refill the paper or remove the paper and load it again.
CHECK PAPER SIZE	Your Paper Size setting may not be set correctly for the paper you are using.	When you see this error, the reduction ratio automatically will be changed to **AUTO** if you used a fixed reduction ratio (see chap. 5).
COMM. ERROR	A poor qualilty phone line caused communications error.	Try the call again.
CONNECTION FAIL	You tried to poll a fax machine that is not in Polled Waiting mode.	Verify the other party's polling setup.

ERROR MESSAGE	CAUSE	ACTION
COOLING DOWN PLEASE WAIT	The temperature of the drum unit or toner cartridge is too hot. The machine will pause its current print job and go into cooling down mode. During the cooling down mode, you will hear the cooling fan running while the display on the machine shows **COOLING DOWN** and **PLEASE WAIT**.	You must wait and allow the machine to resume printing when it is ready.
COVER OPEN	The top cover or Multi-purpose sheet feeder cover was not completely closed.	Open, then close, each cover.
DISCONNECTED	The other party or other party's fax machine terminated the call.	Try to transmit or calling the other party to see what happened or receive again.
DOCUMENT JAM	Documents were not inserted or fed properly or document was too long.	Do not pull paper out until you see "Document Jam" in this chapter.
DOWNLOAD FULL	The download buffer is full.	Press **FF/Cont**. Printing will resume (the downloading is cancelled).
MACHINE ERROR XX PRESS STOP KEY	Your machine has a mechanical problem.	Unplug the machine. Then contact your Brother dealer for servise.
MEMORY FULL	Your machine memory capacity has been exceeded.	• Press the **FF/Cont** to print the data remaining in the machine. • If you have installed the Windows® driver, try again after setting the True Type mode to "Print as Graphics" in the PRINT menu of your application software. • Reduce the print resolution or reduce the complexity of your document. • Expand the memory with the optional memory board. (ME1000 or ME2000)

ERROR MESSAGE	CAUSE	ACTION
NO RESPONSE/BUSY	The number you called does not answer or is busy. Or, you may have reached a number that is not connected to a fax machine.	Check the number and try again.
NOT ASSIGNED	You tried to access a One Touch or Speed Dial number that is not programmed.	Set up the One Touch or Speed Dial number. See chap. 7
PRINT OVERRUN	The available Ram has been exceeded.	• Press the **FF/Cont** to print the data remaining in the printer memory. • If you have installed the Windows® printer driver, try again after setting the TrueType mode to "Print as Graphics" in the PRINT menu of you application software. • If this does not clear the error, recuce the complexity of your document or reduce the print resolution.
PRINTER JAM	The recording paper is jammed in the machine.	Do not pull the paper out until you see next page.
SET CARTRIDGE	Toner cartridge is not installed.	Reinstall the toner cartridge.
TONER EMPTY	Toner is used up and printing is not possible.	Replace the toner cartridge with a new one. (See "Replacing the Toner Cartridge" in this chapter).
CHANGE TONER	If the display shows **CHANGE TONER** and at the same time the Toner Empty LED on the controlpanel flashes on and off, you can still print. But the toner is depleted and the machine is telling you that the toner will soon run out.	Order a new toner cartridge now.

Document Jam

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

1 Open the control panel.

2 Carefully pull the document toward the front of the machine.

3 Close the control panel and press **Stop**.
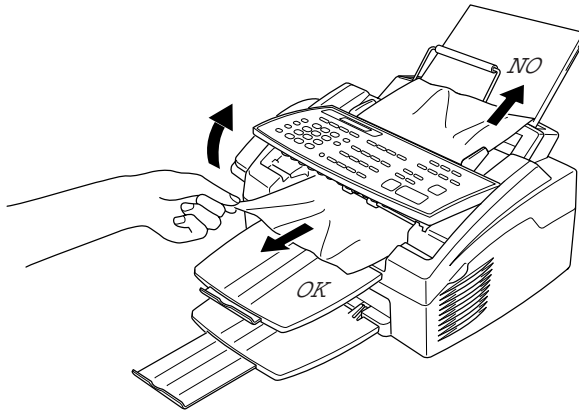
Printer Jam

Before you can clear a paper jam error, you must find out where the paper is stuck. Use the diagram below to help locate the position of the paper.

⚠️ **WARNING**

Do not force the jammed paper from the paper tray because you may damage the machine and cause toner to scatter.

After you have used the machine, some internal parts of the machine are extremely **HOT!** When you open the top cover of the machine, never touch the shaded parts shown in the following diagram.
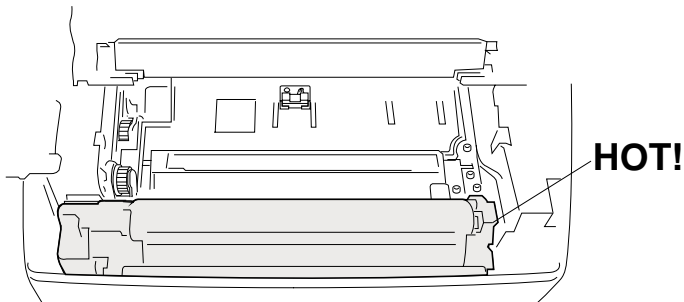
1 **Clearing a Paper Jam in the Multi-purpose Sheet Feeder.**

If paper is jammed inside the Multi-purpose sheet feeder, open the Multi-purpose sheet feeder to pull the jammed paper upwards out of the feeder; then close the Multi-purpose sheet feeder. Also, open the top cover and check that a torn piece of paper does not remain inside the machine.

Multi-purpose Sheet Feeder
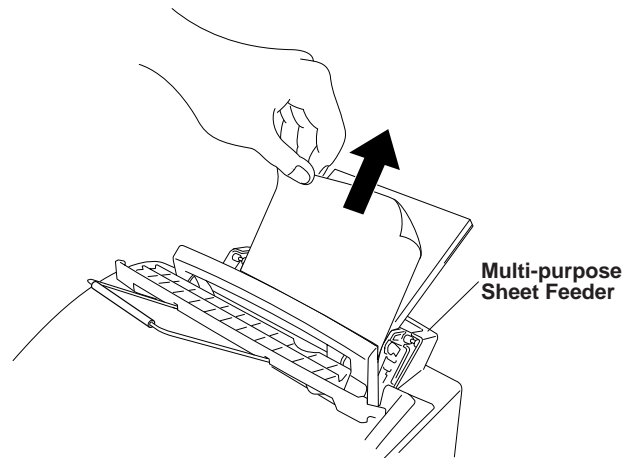
2 **Clearing a Paper Jam near the Drum Unit.**

If paper is jammed near the drum unit, open the top cover and remove the drum unit. Then, pull the jammed paper upwards and out of the machine. Reinstall the drum unit and close the top cover.
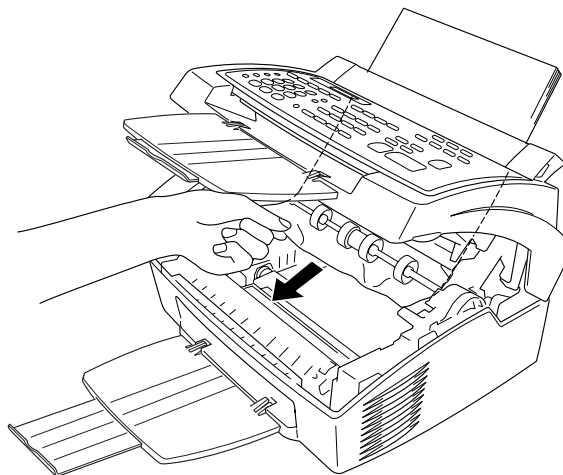
3 **Clearing a Paper Jam in the Fuser Unit.**

If paper is jammed in the fuser unit, open the top cover and remove the drum unit. Then, pull the jammed paper out of the fuser. Reinstall the drum unit and close the top cover.

If You Are Having Difficulty with Your machine

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

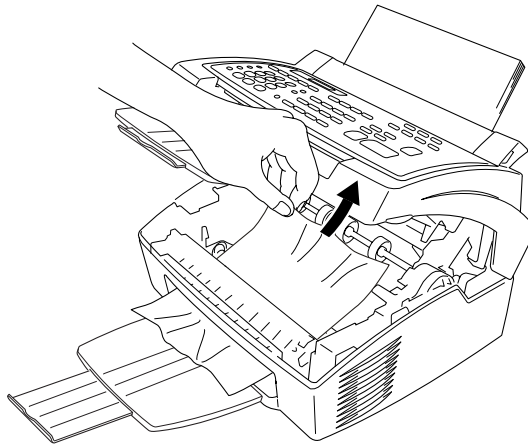|	DIFFICULTY	SUGGESTIONS
▶**Printing and Receiving Faxes**	Condensed print and horizontal streaks/top and bottom of sentences are cut off.	If your copy looks good, you probably had a bad connection, with static or interference on the phone line. If a copy looks similer, then call Brother dealer for service.
	Vertical streaks/black lines appear on the fax you receive.	Sometimes you may see vertical streaks/black lines on the faxes you receive. Either your machine's primary corona wire for printing may be dirty, or the sending party's fax scanner may be dirty. Clean your primary corona wire, or 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 dealer for service.
	Machine "hears" voice as CNG tone.	If your machine is set to Fax Detect **ON**, and it answers voice calls by trying to receive a fax, try turning Fax Detect to **OFF**.
	Horizontal streaks.	You may get a fax with horizontal streaks or with missing lines. Usually this is caused by a poor telephone connection. Ask the other party to send the fax again.
▶**Phone Line or Connections**	Dialling does not work.	Check for a dial tone. Change **TONE/PULSE** setting (see chap. 4). Check all line cord connections. Check power cord connection. Send a manual fax by lifting the machine's/external phone's handset, and dialling the number. Wait to hear fax receiving tones before pressing **Start**.
	The machine does not answer when called.	Make sure the machine is in the correct receiving mode for your setup (either Fax, Fax/Tel (**F/T**) or TAD). Check for dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. Connect a standard telephone handset to the machine telephone socket (Only for MFC-9550). If there is no ringing when you call your machine, call your Telephone Company to check the line.
	No dial tone on the handset.	Lifting the machine's/external phone's handset –OR– Press any dial pad key then **Start**. If you hear no dial tone, check telephone line cord connections at the machine and wall socket. Check that the handset is connected to the machine's handset socket. Test the wall jack with another single line telephone. If no dial tone on the wall outlet, call your Telephone Company.
▶**Sending Faxes**	Poor transmitting quality.	Try changing your resolution to FINE or SUPERFINE (see chap. 6) Make a copy to verify the machine's scanner operation.
	Transmission verification prints "Results: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.
	When the receiving party says the picture is not clear.	Sometimes the resolution mode you chose when you sent your fax may not have been appropriate. Send the fax again, but try using the FINE or SUPERFINE mode. Also, your machine's scanner may be dirty, so try cleaning it.

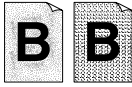|	DIFFICULTY	SUGGESTIONS
▶ **Handling Incoming Calls**	When the receiving party says vertical streaks appear on the faxes they receive.	Your machine's scanner may be dirty or the receiving party's print head may be dirty. Clean your scanner and make a copy to check if the problem was caused by your machine.
	F/T pseudo-ring in Fax/Tel (**F/T**) Mode.	The machine knows the incoming call is not a fax so it is signaling you to answer the telephone call. Pick up the handset (and press **Tel** for MFC-9050) or answer from an extension phone and press your machine's Deactivation Code (default setting is **#**51).
	Transfering a fax call to the machine.	If you answered at the machine, press **Start** and hang up immediately. If you answered at an extension phone, press your Remote Activation Code (default setting is ✳51). When your machine answers, hang up.
▶ **General Printing Difficulties**	The machine does not print.	The machine is unplugged. The toner cartridge and drum unit are installed properly. The interface cable is securely connected between the machine and computer. Check to see if LCD is showing an error message.
	The machine prints unexpectedly or it prints garbage.	Reset the machine or unplug it. Make sure your application software is correctly set up to use the machine by checking the primary settings in your application software.
	The machine cannot print full pages of a document an error message **PRINT OVERRUN** occurs.	The machine received a very complex print job and could not process part of the page. This may be solved in several ways. If you are using Windows® 3.1, 3.11, Windows® 95, 98 or Windows NT® Workstation Version 4.0 with the supplied printer driver, see the "Windows® Setup Printing Problems" section. Try to reduce the complexity of your document or reduce print resolution.
	The machine prints the first couple of pages correctly, then some pages have text missing.	Your computer is not recognizing the printer's "input buffer full" signal. Please make sure you connect the printer cable correctly.
	The machine cannot print full pages of a document. A **MEMORY FULL** error message occurs.	Reduce the printer resolution. Reduce the complexity of your document and try again. Reduce the graphic quality or the number of font sizes within your application software. Expand the printer memory by installing one of the optional memory boards (ME-1000 or ME-2000).
	My headers or footers appear when I view my document on the screen but do not show up when I print them.	Most laser printers have a restriced area that will not accept print. Usually these are the first two lines and last two lines. This leaves an area of 62 printable lines. Adjust the top and bottom margins in your document to allow for this.
▶ **Windows® Setup Printing Difficulties**	I cannot print from my software application .	Make sure the Windows® printer driver is installed and you select it in your application software.
	Sometimes I get an error message **PRINT OVERRUN** when printing certain documents from Windows®.	If you are using the supplied Windows® driver, turn the error recover operation **on** in the Setup dialog box and try again. Reduce the print resolution or reduce the complexity of your document and try again. Expand the printer memory by installing one of the optional memory boards.

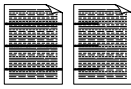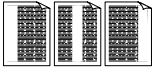| DIFFICULTY	SUGGESTIONS
▶**DOS Setup Printing Difficulties** I cannot print from my software application.	Check that the DOS software application interface settings match those of your printer: for example, if you are using a parallel printer cable, you would probably set your DOS software printer port to LPT1. Check for an error message on the LCD.
The machine prints, but it prints incorrect information. Sometimes it prints a couple of characters and then ejects the page, etc. (For MFC-9550 only)	This is an indication that your application printer emulation setting and the machine's printer emulation do not match. Check your application software to make sure you selected the correct printer driver. The machine emulates HP LaserJet IIP. Try setting the machine to HP emulation in Remote Printer Console and then select the HP LaserJet IIP printer in your software application.
The machine prints the first part of my document but does not print the last page. (The LCD shows **REMAINED DATA**.)	This is a common problem with some database spreadsheet software when they are not correctly set up. The data has been sent to the printer but the printer did not receive the Page Eject command. Press the **FF/Cont** Key to eject the page. Then ask your software supplier how to add a Page Eject (or Form Feed) command to the end of your print job.
How can I change the user settings or default settings on the machine? (For MFC-9550 only)	Use the Remote Printer Consol (RPC) program.
▶**Paper Handling Difficulties** The machine does not load paper. The LCD shows **CHECK PAPER** or **PRINTER JAM**.	Check to see if the **CHECK PAPER** or **PRINTER JAM** message appears on the LCD. If so, the multi-purpose sheet feeder may be out of paper or not properly installed. If it is empty, load a new stack of paper into the feeder. If there is paper in the multi-purpose sheet feeder, make sure it is straight. If the paper is curled, you should straighten it. Sometimes it is helpful to remove the paper, turn the stack over and put it back into the multi-purpose sheet feeder. Reduce the amount of paper in the multi-purpose sheet feeder, then try again.
The machine does not load paper from the manual feed slot.	Reinsert the paper firmly, one sheet at a time.
How can I load envelopes?	You can load envelopes from either the multi-purpose sheet feeder or the manual feed slot. Your application software must be set up to print the envelope size you are using. This is usually done in the Page Setup or Document Setup menu of your software. Refer to your application manual.
What paper can I use?	You can use plain paper, envelopes, transparencies, labels and organizer paper. For information on loading paper, see "Acceptable Paper" in chap. 14.
How can I clear paper jams?	See "Printer Jams".

▶**Copy Quality Difficulties**

▶**Print Quality Difficulties**

DIFFICULTY	SUGGESTIONS
Vertical streaks appear in copies.	Sometimes you may see vertical streaks on your copies. Either the scanner or the primary corona wire for printing is dirty. Clean them both.
Printouts are too dark or light.	Adjust the print conditions by setting the Print Density function, It has been factory set to the middle position. See "Setting the Print Density" in chap. 5.
Printed pages contain white stripes. **White Stripes or Faint Images**	You may fix this by wiping the scanner windows with a clean soft cloth. (See "Regular Maintenance" and "Cleaning the Drum Unit" in this chapter.) If you still see white stripes or faint images and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Printed pages are stained with toner or have vertical stripes. **Dark Stripes or Toner Stains**	Clean the machine's interior and the primary corona wire of toner cartridge. See "Regular Maintenance" and "Cleaning the Drum Unit" in this chapter. Make sure that the tab of the corona wire is at the home position. If after cleaning, you still see dark stripes or toner stains and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Printed pages have white spots in black text and you graphic areas. **White Spots**	Make sure that you use paper that meets the specifications. Rough surface or thick media can cause the problem. If you still see white spots and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Toner scatters and stains the printed page. **Scattering Toner**	Adjust the print conditions by setting the Print Density function. Clean the machine's interior. See "Regular Maintenance" and "Cleaning the Drum Unit" in this chapter. Make sure that you use paper that meets specifications. See chap. 18. If you still have scattered toner and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
The whole page is printed black. **Black Page**	Wipe the electric terminals. Also, do not use heat-sensitive paper as it will cause this problem. After cleaning, if the printed pages are still black and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Nothing is printed on the page. **White page**	Make sure that the toner cartridge is not empty. Wipe the electric terminals referring to "Regular Maintenance" and "Cleaning the Drum Unit" in this chapter. Make sure that a torn piece of paper does not remain on the scanner window.

DIFFICULTY	SUGGESTIONS
Printed pages are marked at regular intervals. **Example of Regular Marking**	Markings may disappear by themselves. Try copying multiple pages to clear this problem. Markings may occur if the machine has not been used for a long time. A possible cause is that the surface of the drum is marked or damaged by excessive exposure to light. In this case, replace the drum unit with a new one.
Printed pages are blurred at the center or at either edge. **Blurred Page**	Certain environmental conditions such as humidity, high temperatures, etc. may cause this condition to occur. Make sure the machine is placed on a flat, horizontal surface. Remove the drum unit with the toner cartridge installed. Try rocking them from side to side. You may clear a blurred page by wiping the scanner windows with a clean soft cloth. (See "Regular Maintenance" and "Cleaning the Drum Unit" in this chapter.) If a blurred page occurs after cleaning and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Ghost images appear on printed page. **B** **Ghost Images**	Adjust the print conditions by setting the Print Density function. Make sure that you use paper that meets the specifications. Rough surfaces or thick media can cause a ghost image.

The drum unit is a consumable item and it is necessary to replace it periodically.

Problem using applications which use special comms drivers, such as the HP Pavilion PC and the "HP DEMO" Screen Saver

Some applications may use custom comm. drv files which will conflict with the files used by MFL Pro. In such a case it will be necessary to edit the SYSTEM. INI file as outlined below:

Installing the "HP Demo" screen saver on your HP Pavilion PC after you have installed the MFL Pro software will overwrite the SYSTEM. INI file and you cannot use the Brother MFC to print, scan or for Remote Set up. Then you will have to edit the SYSTEM. INI file as follows:

[boot]

;comm.drv=comm115.drv

comm.drv=brmfcomm.drv

[386Enh]

DEVICE=C:\WINDOWS\SYSTEM\Bi-Di.386

If you do not want to edit the SYSTEM. INI file, please change the screen saver and Re-install MFL Pro again.

Bi-Directional Parallel Ports (nibble and byte modes)

The machine supports both nibble (AT) and byte (Bi-directional) mode parallel ports. If your PC supports byte mode, scanning and fax reception will be at a faster speed. To verify or change the parallel port mode, please check your system BIOS in the CMOS Setup or *contact your computer manufacturer for assistance*.

Some older PC models support only nibble mode. Generally, newer models support both nibble and byte modes.

The machine Connect Failure or Bi-Directional Communication Error

Recently, some printers have included a function to show the printer status on the PC display. Such printers use the bi-directional communication parallel port between the printer and the PC. Our machine also has a bi-directional parallel port function. Since Windows® 3.xx does not support bi-directional communication on the parallel port, each peripheral vendor has developed and supplies their own bi-directional device driver, which will be installed into Windows® 3.xx. If you install two or more different bi-directional device drivers into Windows®, they might conflict with each other and cause some problems.

Please make sure you have installed the machine driver by running SETUP.EXE from your CD-ROM drive, as instructed on the CD-ROM label. The bi-directional communication may be disabled when the driver is installed from Add menu in "Printers" of Control Panel. Please restart Windows® after installing the drivers.

Remove the conflicting situation caused by one of the following printer drivers. Review the following sections that apply to any additional printer drivers you may have installed into your Windows® software.

> Brother HL-6/6V/10h/630series/660series/960/1260/WL-660
> HP LaserJet series II, IID, IIP, IIP+, III, IIID,IIIP or IV Plus
> NEC SuperScript 610/660
> EPSON ActionLaser 1100/1400
> LexMark WinWriter 200

Brother HL-6/6V/10h/630series/660series/960/1260/WL-660:

The Resource Manager for the machine may not work if the printer driver for the above models is installed after the installation of the machine printer driver.

In this case, please install the machine printer driver again or copy BI-DI.386 from the CD-ROM to the Windows/System directory. (NOTE: BI-DI.386 on Disk 1 is not compressed.)

HP LaserJet series II, IID, IIP, IIP+, III, IIID or IIIP:

If Microsoft Windows® Printing System for above models are used, you have to modify the "win.ini" file which is in the Windows directory to turn the printer's bi-directional function off.

We recommend you take a back-up before you modify the WIN.INI or SYSTEM.INI, just in case.

Open the file "win.ini" by using the "Notepad" application. You can find the following statement in the [spooler] section.

[spooler]
QP.LPT1 = wpsljqp.dll

To disable this function, put a semicolon at the start of the sentence as follows;

[spooler]
;QP.LPT1 = wpsljqp.dll

Then, open the file "system.ini" by using the "Notepad" application. You can find the following statement in the [386Enh] section.

[386Enh]
device=wpsljvpd.386

WPSLPT1=1

To disable this function, put a semicolon at the start of the sentences as follows;

;device=wpsljvpd.386

;WPSLPT1=1

You must restart Windows® to make these modification effective.

The modification disables the printer status reporting on your PC, however, you will be able to use the machine with no further problems.

HP LaserJet 4 Plus:

Please uninstall the Main Status windows by double clicking the Un-install Status windows in HP LaserJet group.

NEC SuperScript 610/660:

Please remove the NEC SuperScript driver by having NECDELET.EXE run in the ?v≥k 1 coming with NEC printers.

EPSON ActionLaser 1100 / 1400:

Please remove the EPSON Action Laser 1100/1400 driver by having EPDELETE.EXE file in Windows® Printer Driver for these models run.

Lexmark WinWriter 200:

You have to modify the "win.ini" and "system.ini" files, which are in the Windows® directory to turn the printer's bi-directional function off.

We recommend you take a back-up of WIN.INI and SYSTEM.INI before you modify them.

Open the file "win.ini" by using the "Notepad" application. You can find the following statement in the [windows] section.
[windows]
run=C:/WINDOWS/SYSTEM/WPSIOMON

To disable this function, put a semicolon at the start of the sentence as follows;
[windows]
;run=C:/WINDOWS/SYSTEM/WPSIOMON

Also, you can find the following statement in the [spooler] section.
[spooler]
QP.LPT1=wpslbq.dll

To disable this function, put a semicolon at the start of the sentence as follows;
[spooler]
;QP.LPT1=wpslbq.dll

Then, open the file "system.ini" by using the "Notepad" application. You can find the following statement in the [386Enh] section.
[386Enh]
device=wpscomd.386
device=wpsljvpd.386
WPSLPT1=1

To disable the function, put a semicolon at the start of the sentences as follows;
[386Enh]
;device=wpscomd.386
;device=wpsljvpd.386
;WPSLPT1=1

You must restart Windows® to make these modification effective.

The modification disables the printer status reporting on your PC, however, you will be able to use the machine with no further problems.

Graphics or text is missing when the document is printed

This could be caused by your Display Driver software. Contact your reseller and inquire about the latest Display Driver software. Another solution is to change your Windows® Setup Display selection from the current selection to the standard VGA or SVGA selection; contact your reseller or Microsoft Support if you need help modifying your Windows® Display selection or installing new Display Driver software.

Packing and Shipping the Machine

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

**1** Unplug the machine from the telephone line and the AC outlet, and remove the line cord and I/F cable.

NOTICE: Do not unplug the machine after a print job until you hear the final click. This means the drum is at the home position.

2 Open the top cover.

3 Remove the drum unit assembly.

NOTE

Remove the drum unit and toner cartridge assembly. Leave the toner cartridge installed in the drum unit.
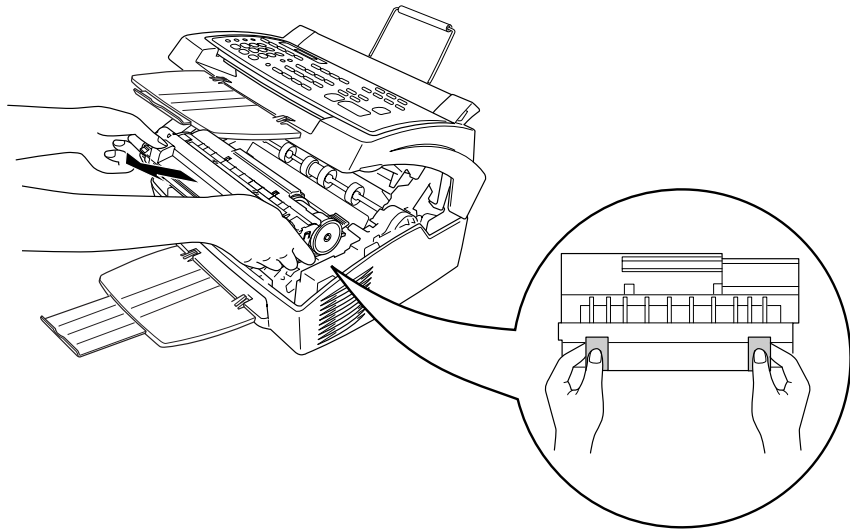
4 Place the drum unit and toner cartridge assembly into the plastic bag and seal the bag completely.

Plastic Bag

Drum Unit

Toner Cartridge
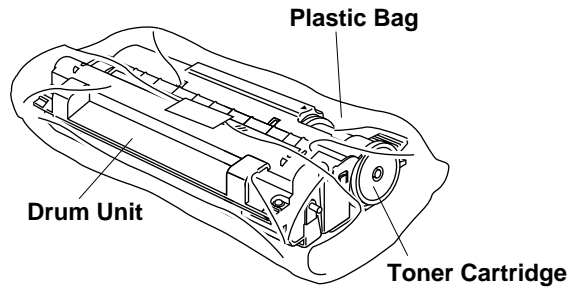
5 Close the top cover. Remove the wire extension, document tray, dust cover, paper tray and handset (only for MFC-9550) and pack them.

6 Wrap the machine in the plastic bag and place it in the original carton with the original packing material.
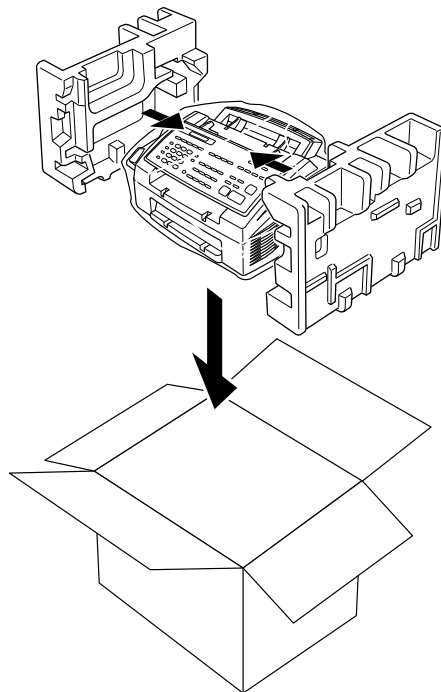
7 Place documents (manual and printed material) and the drum unit and toner cartridge assembly into the carton as shown below.

(MFC-9050 only)   (MFC-9550 only)

*······Only for MFC-9550
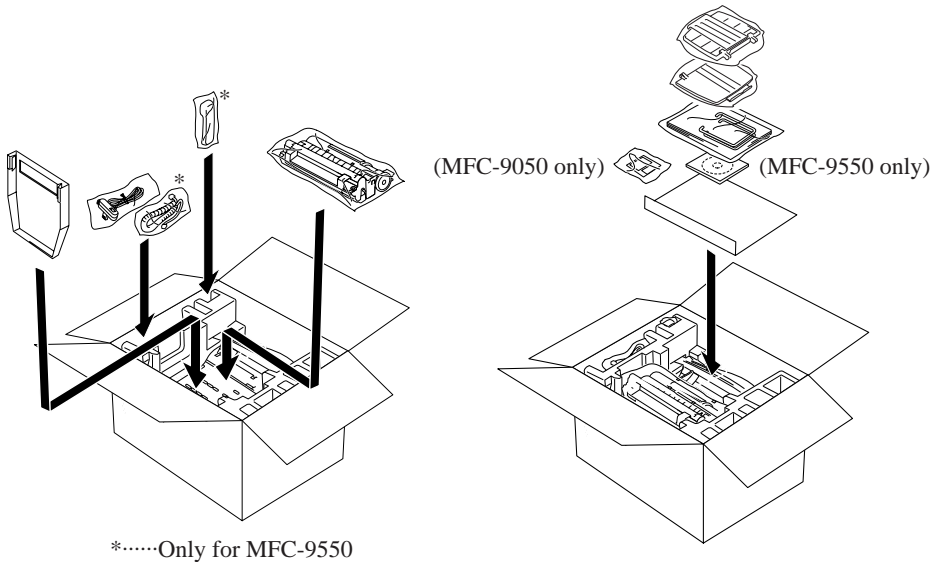
8 Close the carton and tape it shut.

Regular Maintenance

You can keep your machine in optimum condition by cleaning it on a regular basis. It is a good idea to clean the drum unit during this routine. Avoid using thinners or other organic solvents to clean the machine and do not use water.

Cleaning the Scanner

1 Unplug the telephone line and then the power cord.
When you reconnect these lines later, make sure to connect the power cord first, then the telephone line.

2 Wipe dirt off the machine using a slightly damp clean cloth.

3 Clean the white bar and the glass cover.
Moisten a small piece of clean soft, lint-free cloth with isopropyl alcohol and carefully remove dirt from the glass cover and the white bar of the scanner.

Control Panel

Open the Control Panel

White Bar

Glass Cover
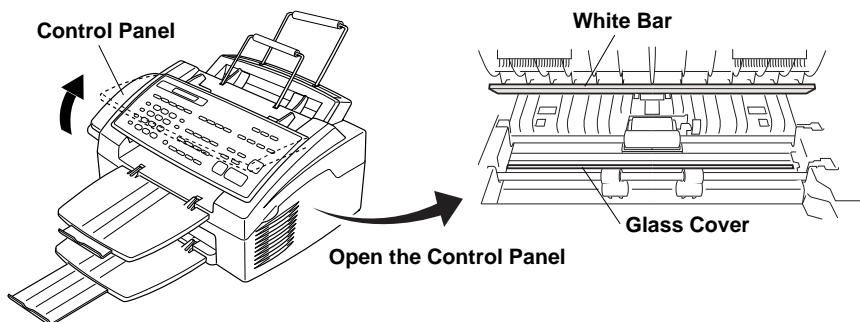
Cleaning the Printer

WARNING

■ Do not use isopropyl alcohol to remove dirt from the control panel. It may cause a crack on the panel.

■ Do not use isopropyl alcohol to clean the scanner window or the toner sensor.

■ Do not touch the scanner window with your finger.

■ Handle the drum unit carefully as it contains toner. If toner scatters and your hands or clothes get dirty, immediately wipe or wash it off with cold water.
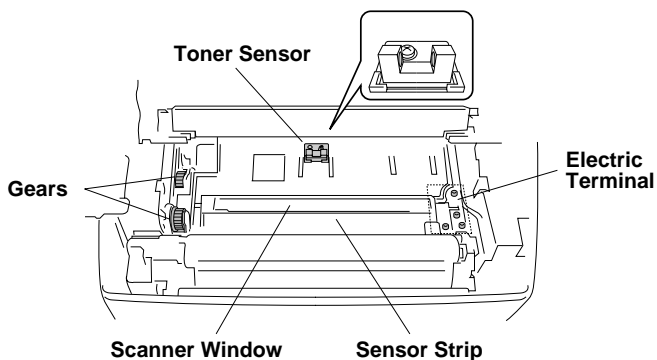
Toner Sensor

Gears

Electric Terminal

Scanner Window

Sensor Strip

WARNING

After you have just used the machine, some internal parts of the machine are extremely **HOT**! When you open the top cover of the machine, never touch the shaded parts shown in the diagram below.

HOT!

▲ **Inside the machine**
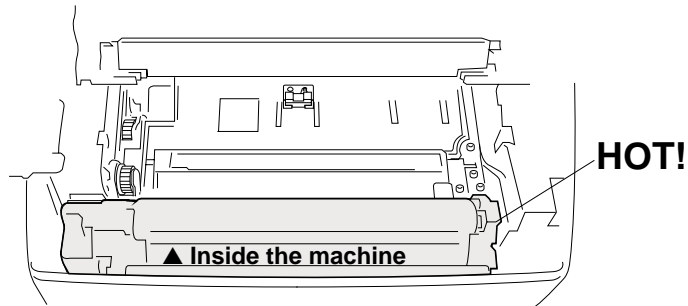
1 Open the top cover.

2 Remove the drum unit assembly.

3 Wipe the electric terminals with isopropyl alcohol on a cotton swab.

4 Wipe the gears with a clean dry cloth.

5 Gently wipe the scanner window and the toner sensor with a clean soft dry cloth. Do not use isoproply alcohol to clean the scanner window or the toner sensor.

Cleaning the Drum Unit

We recommend you place the drum unit on a drop cloth or large piece of disposable paper to avoid spilling and scattering toner.

1 Turn the drum unit upside down carefully.

2 Clean the primary corona wire inside the drum unit by gently sliding the tab from right to left several times.

3 Return the tab to the home position (▼ mark position) before reinstalling the drum unit.

Home Position (▼)

Tab   **Corona Wire**
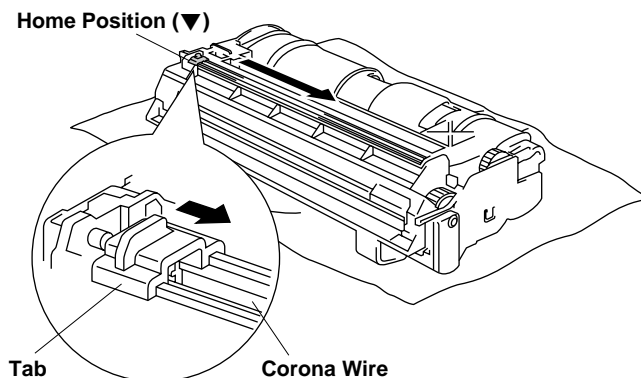
WARNING

If you do not position the tab at the home position, printed pages may have vertical stripes.

4 Install the drum unit into the machine.

See the section "Replacing the Drum Unit" in this chapter.

5 Close the top cover.

6 Plug in the power cord.

7 Connect the telephone line.

Replacing the Toner Cartridge

The machine can print approximately 2,200 pages with one toner cartridge. When the toner cartridge is running low, the display shows **CHANGE TONER**. Actual page count will vary depending on your average document type (i.e. standard letter, detailed graphics).

It is a good idea to keep a new toner cartridge ready for use when you see the toner low warning.

Discard the used toner cartridge according to local regulations. If you are not sure of them, consult with Brother dealer for service. Be sure to seal the toner cartridge tightly so toner powder does not spill out of the cartridge. When discarding used toner cartridges, keep them separate from domestic garbage.

It is recommended that you clean the machine when you replace the toner.

Toner Empty Indicator

When the toner cartridge is running low, the display shows **CHANGE TONER** and the Toner Empty LED on the control panel flashes on and off to indicate the toner is low.

Display   **Toner Empty LED**
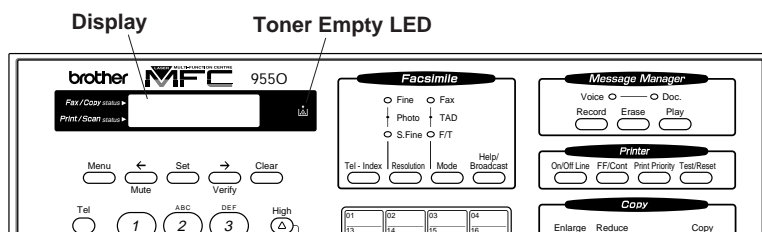
The Toner Empty LED light stays on and the display show **TONER EMPTY** to indicate that the toner is empty. Once this indication appears, your machine will not resume printing until you have installed a new toner cartridge.

Steps for Replacing Toner Cartridge

WARNING

After you have just used the machine, some internal parts of the machine will be extremely **HOT**! So, never touch the shaded parts shown in the illustration below.

HOT!

▲ **Inside the machine**
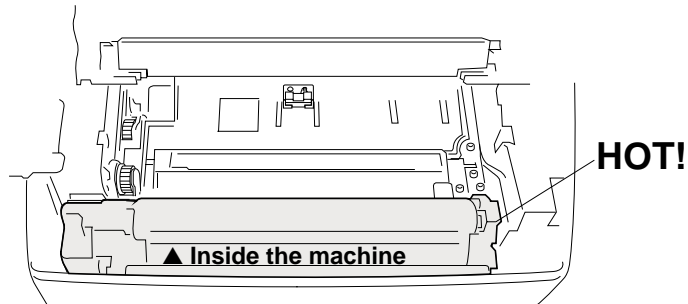
1 Open the top cover. Make sure the top cover is completely open. To remove the drum unit, hold each side of the drum by its handles and gently lift the drum forward toward you.
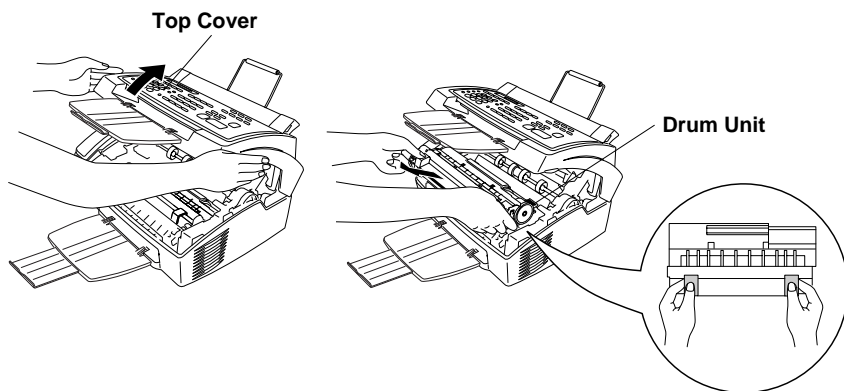
Top Cover

Drum Unit

Place the drum unit on a drop cloth or large piece of disposable paper to avoid spilling and scattering the toner.

2 Gently turn the lever on the toner cartridge forward until it stops. The toner cartridge cannot be removed unless the shutter is completely closed, by turning the lever fully to the front.

Toner Cartridge
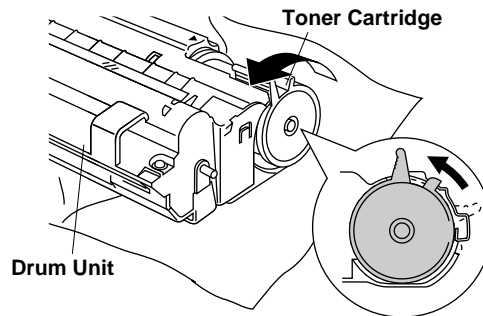
Drum Unit

3 Remove the old toner cartridge from the drum unit by gently pulling it out.

WARNING

Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe it off or wash it with cold water.
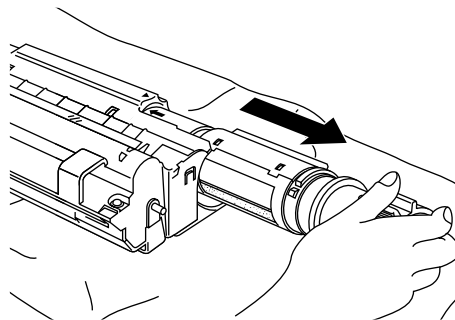
4 Unpack the new toner cartridge. Place the used toner cartridge into the aluminum bag and discard it accoring to local regulations.

Aluminum Bag

New Toner Cartridge

Old Toner Cartridge
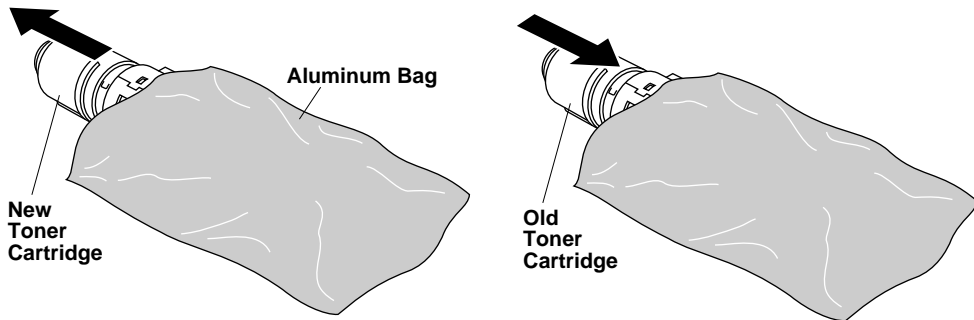
WARNING

■ Wait to unpack the toner cartridge until immediately before you install it into the machine. If a toner cartridge is left unpacked for a long period of time, the toner life is shortened.

■ You can use only a genuine Brother toner cartridge (TN-200 series), which is specially formulated to ensure top print quality. Using another brand of toner cartridge may void your machine's warranty.

5 Gently rock the toner cartridge from side to side five or six times.
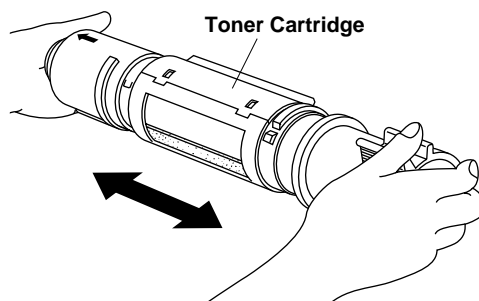
Toner Cartridge

6 Slide the new toner cartridge into the opening on the right side of the drum unit. To ensure that the toner cartridge and the drum unit fit together correctly, make sure that the toner cartridge guide bar is exactly aligned with the guide slot in the drum unit.
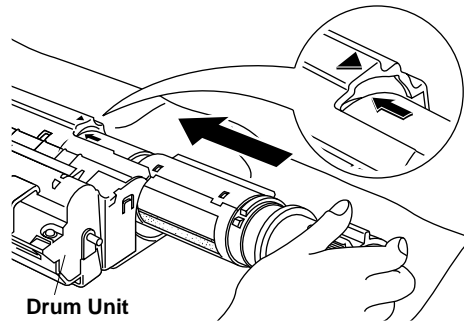
Drum Unit

7 Gently turn the lever on the toner cartridge backward until it stops.
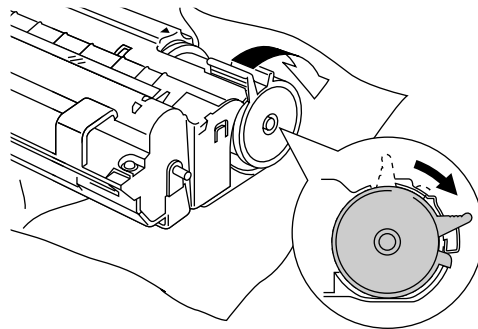
8 Reinstall the drum unit into the machine and close the top cover.

Top Cover
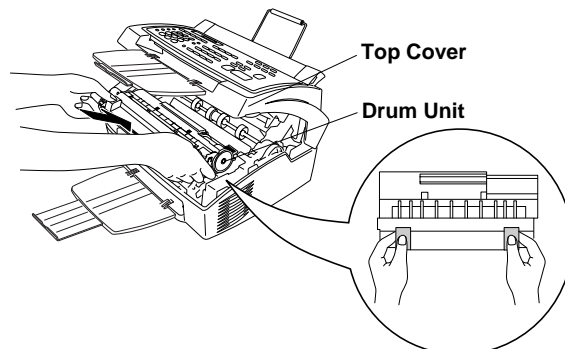
Drum Unit

Replacing the Drum Unit

The machine uses a drum unit to create the print images on paper. If the screen displays **CHANGE DRUM SOON**, the drum unit is nearly at the end of its life. Prepare a new drum unit to replace the current one. You may need to order one from your Brother dealer.

Even if the display shows **CHANGE DRUM SOON**, you may be able to continue to print without replacing the drum unit for a while. However, if there is a noticeable deterioration in the output print quality even before **CHANGE DRUM SOON** is shown, then the drum unit should be replaced. You should clean the machine when you replace the drum unit.

WARNING

When removing the drum unit, handle carefully because it contains toner. When you replace the drum unit, you should clean the machine.

The drum unit is a consumable, and it is necessary to replace it periodically. There are many factors that determine the actual drum life, such as temperature, humidity, type of paper and toner that you use and the number of pages per print job, etc. The drum life is estimated at approximately 8,000 pages at 1 page per job. The actual number of pages your drum will print may be significantly less than these estimates. Because we have no control over the many factors that determine the actual drum life, we cannot guarantee a minimum number of pages that will be printed by your drum.

For best performance, use only genuine Brother toner, and the product should be used only in a clean, dust-free environment with adequate ventilation.

WARNING

After you have just used the machine, some internal parts of the machine are extremely **HOT!** So please be careful.
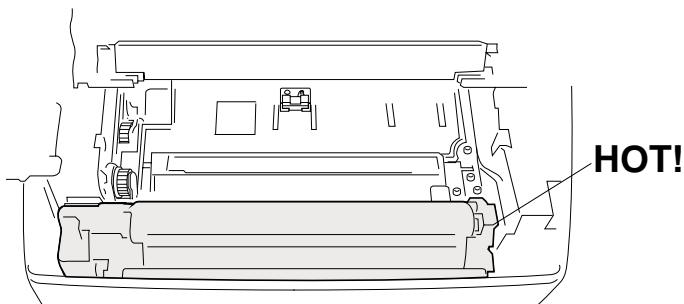
Follow these steps to replace the drum unit:

1 Open the top cover.

2 Remove the old drum unit. Place the drum unit on a drop cloth or large piece of disposable paper to avoid spilling and scattering the toner.

Top Cover
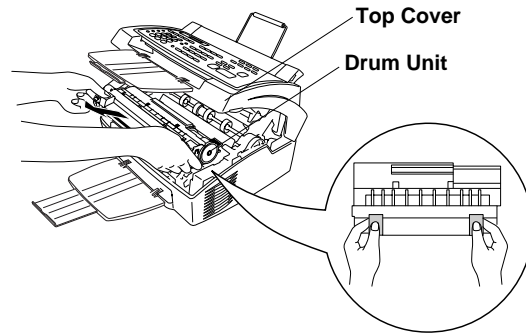
Drum Unit

3 Remove the toner cartridge from the drum unit and keep it in a safe place. For more information, see "Replacing the Toner Cartridge" in this chapter.

Toner Cartridge
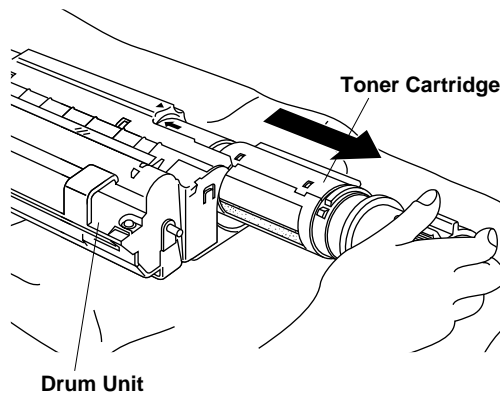
Drum Unit

Discard the used drum unit according to local regulations. Be sure to seal the drum unit tightly so toner powder does not spill out of the unit. When discarding used drum units, keep them separate from domestic rubbish.

4 Wait to unpack the new drum unit until immediately before installing it. Place the old drum unit into the aluminum bag and discard it according to local regulations.

New Drum Unit
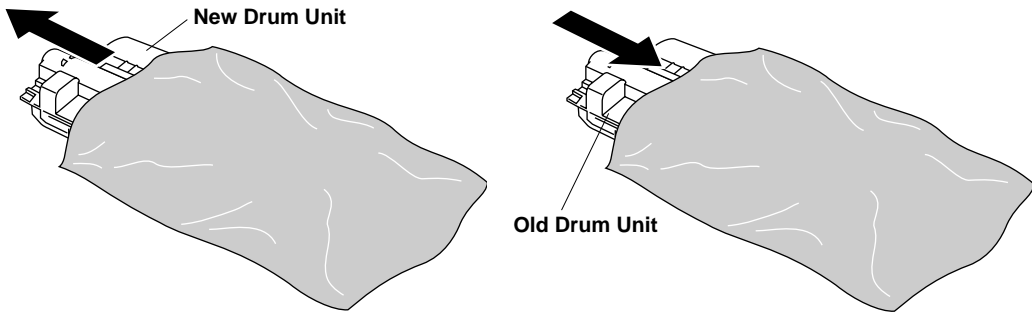
Old Drum Unit

5 Gently rock the new drum from side to side five or six times.
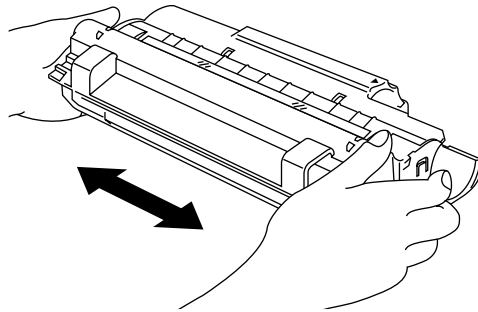
⚠ WARNING
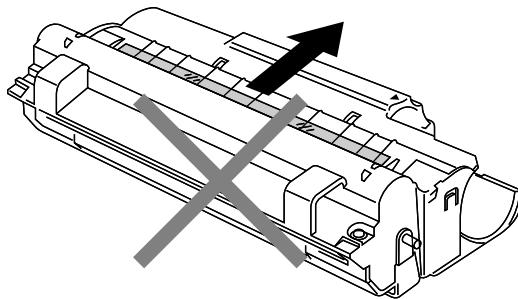
■ Do not pull or force the starter sheet from your machine.

■ Wait to unpack the drum unit immediately before installing it into the machine.

   If an unpacked drum unit is subjected to excessive direct sunlight or room light, the unit may be damaged.

■ Handle the toner cartridge and the drum unit carefully because they contain toner. If toner scatters and your hands or clothes get dirty, immediately wipe or wash with cold water.

■ Do not touch the scanner window with your finger.

6 Reinstall the toner cartridge into the new drum unit. For more information, see "Replacing the Toner Cartridge" in this chapter.

7 Holding the new drum unit by its handles, install it. Close the top cover.
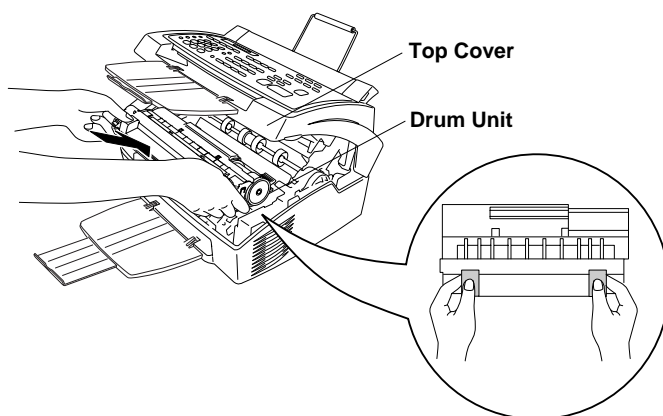
8 The machine will automatically eject the starter sheet.
Do not pull or force the starter sheet from the machine.

18
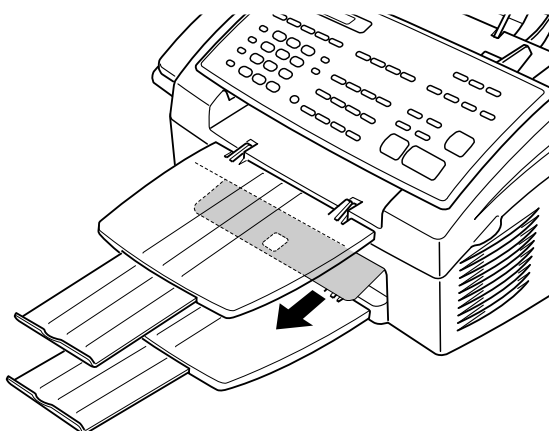
Specifications

Fax Specifications

Type	Desktop facsimile transceiver
Compatibility	ITU-T Group 3
Coding system	MH/MR/MMR
Modem speed	14400/12000/9600/7200/4800/2400; Automatic Fallback
Document input width	148 mm to 216 mm
Document input length	100 mm to 360 mm
Scanning/Printing width	208 mm
Paper Cassette	200 Sheets (75 g/m^2)
Printer type	Laser Printer
Grey scale	64 levels (Dithered)
Display	LCD, 16 characters x 2
Polling types	Standard, Secure, Delayed, Sequential
Contrast control	Automatic/Light/Dark (manual setting)
Resolution	• Horizontal 8 dots/mm
	• Vertical Standard—3.85 lines/mm
	Fine, Photo—7.7 lines/mm
	Superfine, Photo (copy)—15.4 lines/mm
One Touch Dial	24 stations
Speed Dial	100 stations
Automatic redial	4 times at 2 minute intervals
	3 times at 2 minute intervals (Only for Ireland)
Speaker type	Monitor

Auto answer	1, 2, 3 or 4 rings
	2, 3 or 4 rings (Only for Ireland)
Communication source	Public switched telephone network (PSTN)

Printer Specifications

Emulation	Brother Printing System for Windows®, emulation mode of HP LaserJet IIP (PCL level 4 for MFC-9550)
Printer Driver	Windows® 3.1, 3.11, Windows® 95, 98, and Windows NT® Workstation Version 4.0 driver supporting Brother Native Compression mode and bi-directional capability
Interface	Bi-directional parallel cable (IEEE-1284)
Memory	1MB
	Expandable: 1MB or 2MB optional memory board
Printer Method	Electrophotography by semiconductor laser beam scanning
Resolution	600 dots/inch
Print Quality	Normal printing mode
	Economy printing mode (saves up to 50% of the normal toner usage)
Print Speed	6 pages/minute (when loading letter size or A4 paper from the multi-purpose sheet feeder)
Print Media	Toner cartridge:
	Life Expectancy: up to 2,200 pages/new toner cartridge
	(when printing A4 or letter size paper at 5% print coverage)

Toner life expectancy will vary depending on the type of average print job.

Drum Unit:

Life Expectancy: 8,000 pages at 1 page per job

There are many factors that determine the actual drum life, such as temparature, humidity, type of paper and toner that you use, the number of pages per print job, etc.

TrueType Fonts on CD-ROM (Only for MFC-9550)	TrueType-compatible soft-fonts for Windows® on the supplied CD-ROM

* "Pages" refers to the "Brother Standard Chart No.1" (a typical A4 business letter, Standard resolution).

Electrical and Environment

Temperature	(Allowable)	10 - 32.5° C (50 - 90.5° F)
	(Storage)	3.3 - 40° C (38 - 104° F)
Warm-Up	Max. 1 minute at 23° C (73.4° F)	
First Print	20 seconds (when loading Letter size paper for the Multi-purpose sheet feeder)	
Power Source	220~240V AC 50/60Hz	
Power Consumption	Operating (Copying); 160 W or less (25° C)	
	Sleep Mode: 8 W or less	
	Stand by: 30 W or less (25° C)	
Noise	Operating: 50 dB A or less	
	Stand by: 39 dB A or less	
Humidity	Operating: 35 to 80% (without condensation)	
	Storage: 20 to 80% (without condensation)	
Dimensions	MFC-9050: 385 x 334 x 250 (mm)	
	MFC-9550: 456 x 334 x 250 (mm)	
Weight	MFC-9050: 8.2kg	
	MFC-9550: 8.5kg	

Specifications are subject to change for improvement without prior notice.

PARALLEL INTERFACE SPECIFICATIONS

Interface Connector   Printer Side: Amphenol FCN-685J036-L/X or equivalent
                                       A shielded cable should be used.

Pin Assignment

Pin No.	Signal	Direction	Pin No.	Signal	Direction
1	$\overline{\text{DATA STROBE}}$	Input	19	0V(S.G.)	-
2	DATA 1	Input	20	0V(S.G.)	-
3	DTAT 2	Input	21	0V(S.G.)	-
4	DATA 3	Input	22	0V(S.G.)	-
5	DATA 4	Input	23	0V(S.G.)	-
6	DATA 5	Input	24	0V(S.G.)	-
7	DATA 6	Input	25	0V(S.G.)	-
8	DATA 7	Input	26	0V(S.G.)	-
9	DATA 8	Input	27	0V(S.G.)	-
10	$\overline{\text{ACKNLG}}$	Output	28	0V(S.G.)	-
11	BUSY	Output	29	0V(S.G.)	-
12	PE	Output	30	$\overline{\text{0V(S.G.)}}$	-
13	SLCT	Output	31	INPUT PRIME	Input
14	$\overline{\text{AUTO FEED}}$	Input	32	$\overline{\text{FAULT}}$	Output
15	N.C.	-	33	N.C.	-
16	0V (S.G.)	-	34	N.C.	-
17	0V (S.G.)	-	35	N.C.	-
18	+5V	-	36	$\overline{\text{SLCT IN}}$	Input

RESIDENT FONTS (For MFC-9550 Only)

The following bitmapped fonts are resident in the machine.

Brougham 10 (12 point)   upright/normal
                                    upright/bold
                                    italic/normal
                                    italic/bold

Brougham 12 (10 point)   upright/normal
                                              upright/bold
                                              italic/normal
                                              italic/bold

Letter Gothic 16.66 (8.5 point)   upright/normal
                                              upright/bold
                                              italic/normal
                                              italic/bold

(Portrait and Landscape are available for the above.)

SYMBOL SETS/CHARACTER SETS

*HP mode

- ISO14 JIS ASCII
- ISO57 Chinese
- ISO11 Swedish
- HP Spanish
- ISO17 Spanish
- ISO10 Swedish
- ISO16 Portuguese
- ISO84 Portuguese
- ISO85 Spanish
- PC-8
- PC-8 D/N
- PC-8 Turkish
- PC-850
- PC-852
- PC-860
- PC-863
- PC-865

- Roman 8
- ISO Latin 1
  (ECMA-94)
- ISO60 Norwegian 1
- ISO61 Norwegian 2
- ISO4 UK
- ISO25 French
- ISO69 French
- HP German
- ISO21 German
- ISO15 Italian
- ISO6 ASCII
- Legal
- ISO2 IRV

If you want to know which characters are in each symbol/character set, print the CHARSETS.PRN file from "The Print Form" option in the Direct Access Menu of the Remote Printer Console Program.

❏ **HP LaserJet IIP**

Roman 8

```
   0 1 2 3 4 5 6 7 8 9 A B C D E F
0        0 @ P ` p   _ â Å Á Ð
1        ! 1 A Q a q À Ý ê î Ã þ
2        " 2 B R b r Â ý ô Ø ā ·
3        # 3 C S c s È ° û Æ Ð µ
4        $ 4 D T d t Ê Ç á å ð ¶
5        % 5 E U e u Ë ç é í Í ¾
6        & 6 F V f v Î Ñ ó ø Ì —
7        ' 7 G W g w Ï ñ ú æ Ó ¼
8        ( 8 H X h x ´ ¡ à Ä Ò ½
9        ) 9 I Y i y ` ¿ è ì Õ ª
A        * : J Z j z ^ ¤ ò Ö õ º
B        + ; K [ k { ¨ £ ù Ü Š «
C        , < L \ l | ~ ¥ ä É š ■
D        - = M ] m } Ù § ë ï Ú »
E        . > N ^ n ~ Û ƒ ö ß Ÿ ±
F        / ? O _ o ▒ £ ¢ ü Ô ÿ
```

ISO Latin1

```
   0 1 2 3 4 5 6 7 8 9 A B C D E F
0        0 @ P ` p   ° À Ð à ð
1        ! 1 A Q a q ¡ ± Á Ñ á ñ
2        " 2 B R b r ¢ ² Â Ò â ò
3        # 3 C S c s £ ³ Ã Ó ã ó
4        $ 4 D T d t ¤ ´ Ä Ô ä ô
5        % 5 E U e u ¥ µ Å Õ å õ
6        & 6 F V f v ¦ ¶ Æ Ö æ ö
7        ' 7 G W g w § · Ç × ç ÷
8        ( 8 H X h x ¨ ¸ È Ø è ø
9        ) 9 I Y i y © ¹ É Ù é ù
A        * : J Z j z ª º Ê Ú ê ú
B        + ; K [ k { « » Ë Û ë û
C        , < L \ l | ¬ ¼ Ì Ü ì ü
D        - = M ] m } ½ Í Ý í ý
E        . > N ^ n ~ ® ¾ Î Þ î þ
F        / ? O _ o ▒ ¯ ¿ Ï ß ï ÿ
```

The following table shows characters available only in the corresponding character set. The numbers at the top of the table are code values with which characters are to be replaced in the Roman 8 character set. For other characters, see character set of Roman 8.

SYMBOL SET	23	24	40	5B	5C	5D	5E	60	7B	7C	7D	7E
ISO2 IRV	#	¤	@	[	\	]	^	`	{	|	}	‾
ISO4 UK	£	$	@	[	\	]	^	`	{	|	}	‾
ISO6 ASCII	#	$	@	[	\	]	^	'	{	|	}	-
ISO10 Swedish	#	¤	@	Ä	Ö	Å	^	`	ä	ö	å	
ISO11 Swedish	#	¤	É	Ä	Ö	Å	Ü	é	ä	ö	å	ü
ISO14 JIS ASCII	#	$	@	[	¥	]	^	`	{	|	}	
ISO15 Italian	£	$	§	°	ç	é	^	ù	à	ò	è	ì
ISO16 Portuguese	#	$	§	Ã	Ç	Õ	^	`	ã	ç	õ	°
ISO17 Spanish	£	$	§	¡	Ñ	¿	^	`	°	ñ	ç	~
ISO21 German	#	$	§	Ä	Ö	Ü	^	`	ä	ö	ü	ß
ISO25 French	£	$	à	°	ç	§	^	`	é	ù	è	¨
ISO57 Chinese	#	¥	@	[	\	]	^	`	{	|	}	‾
ISO60 Norwegian1	#	$	@	Æ	Ø	Å	^	`	æ	ø	å	
ISO61 Norwegian2	§	$	@	Æ	Ø	Å	^	`	æ	ø	å	|
ISO69 French	£	$	à	°	ç	§	^	µ	é	ù	è	¨
ISO84 Portuguese	#	$	´	Ã	Ç	Õ	^	`	ã	ç	õ	~
ISO85 Spanish	#	$	·	¡	Ñ	Ç	¿	`	´	ñ	ç	¨
HP German	£	$	§	Ä	Ö	Ü	^	`	ä	ö	ü	ß
HP Spanish	#	$	@	¡	Ñ	¿	°	`	{	ñ	}	~

Glossary

....

ADF (Automatic Document Feed) Refers to the number of pages that can be placed in the document feeder and fed one at a time automatically.

automatic fax transmission Sending a fax without picking up the handset.

Backup Print (Only for MFC-9550) Sets your machine to print a copy of faxes that are received and stored in memory.

beeper The sound the keys make when they are pressed, an error occurs or a document has been received or transmitted.

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

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

Call Back Message Allows you to send a fax with a message for the other party to call you back.

Call Reservation Allows you send a fax and then at the end of transmission, you can talk with the other party.

Caller ID (Only for the U.K.) A service purchased from the Telephone Company that send the calling party telephone number to you.

Cancel Job Cancels a programmed job, like Delayed Fax or Polling.

CNG tones The special tones (beeps) sent by fax machines during automatic transmission to tell the receiving machine that they are a from fax machine.

communication error (or Comm. Error) An error during fax sending or receiving, usually caused by line noise or static.

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

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

Contrast Setting to compensate for dark or light documents, by lightening dark documents or darkening light documents.

Cover Page Prints a page at the other party's machine, that contains the sender and recipient's name and fax number, number of pages and comment. You can generate an electronic cover page at the other end with pre-programmed information from memory or you can print a sample cover page to fax with your document.

Cover Page Message The comment that is on the Cover Page. This is a programmable feature.

Delayed Transmission Sends your fax at a later time (up to 24 hours later).

drum unit A printing device for your machine.

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

ECM (Error Correction Mode) Detects errors during fax transmission and resends the page(s) of the document that had an error.

Electronic Cover Page A preprogrammed cover page that is transmitted from the machine's memory, eliminating the need for making up cover pages manually.

F/T Ring Time The length of time the machine rings (when the answer mode setting is Fax/Tel (**F/T**)) to notify you to pick up a voice call that it answered.

Fax Forwarding Sends a fax received in memory to another preprogrammed fax number.

Fax Storage Even though the MFC-9050 does not have Message Manager mode, you can store faxes in memory for remote retrieval.

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

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

Fine Mode Resolution is 196 x 203 dpi. It is used for small print and graphics.

grey scale The shades of grey available for copying and faxing photographs.

group number A combination of One Touch and/or Speed Dial numbers that are stored on a One Touch Dial key for Broadcasting.

ICM (incoming message) A recorded voice message received into an external answering machine or the MFC-9550's digital Message Manager.

Interrupt Temporarily puts a waiting job on hold while you perform another operation.

Journal Lists information about the last 50 incoming and outgoing faxes. TX means Transmit. RX means Receive.

Journal Period The preprogrammed time period between automatically printed Journal Reports. You can print Journal on demand without interrupting this cycle.

LCD (Liquid crystal display) The display screen on the machine that shows interactive messages during On-Screen Programming and defaults to the date and time when the machine is idle.

manual fax Lift the machine's/external telephone's handset so you can hear the receiving fax machine answer before you press **Start** to begin transmission.

Memory Status List Shows how much memory is being used, how much is left, and the type of messages in memory.

Message Manager (Only for MFC-9550) The Message Manager is an electronic messaging facility for faxes and voice mail. Callers can send you faxes or leave voice messages for you, and you can retrieve these from a remote location.

OGM (Outgoing Message) The message callers hear when you call your Message Manager or external answering machine.

One Touch Dial Keys on the machine control panel where you can store numbers for easy dialling. You must use a separate key for each number.

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

Overseas Mode Makes temporary changes to the fax tones to accommodate noise and static on overseas phone lines.

Paging (Only for MFC-9550) Enables your machine to call a programmed phone number and play a pre-recorded message when a fax and/or a voice message is received into its memory.

Pause Allows you to place a 3.5 second delay in the dialling sequence stored on One Touch and Speed Dial numbers.

Photo Mode A resolution setting that uses varying shades of grey for the best representation of photographs.

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

Pulse A form of dialling on a telephone line.

printer alarm Audible alarm when the printer is not able to print.

print reduction reduces the size of incoming faxes.

Quick-Dial List A listing of names and numbers stored in One Touch and Speed Dial memory, in numerical order.

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

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

remote activation allows you to transfer a fax call, answered at an extension phone, to the machine.

remote access code The four-digit code that allows you to call and access your machine from a remote location.

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

Ring Delay The number of telephone rings before the machine answers a call in Fax/Tel (**F/T**) or Fax Only Mode.

Ring Volume Volume setting for the machine's ring.

Rotary A form of dialling on a telephone line.

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

Speaker Volume You can set the volume when your machine is onhook.

Speed dial A preprogrammed number for easy dialling. You must press the **Speed Dial** key and then two digit code to start the dialling process.

Standard resolution 98 x 203 dpi. It is used for regular size text and quickest transmission.

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

super fine resolution 392 x 203 dpi. Best for very small print and line art.

System Setup List A printed report that shows the current setting of your machine.

Tel-Index An electronic, alphabetical listing of stored One Touch, Speed Dial and Group numbers.

Temporary Setting You can select certain options for each fax transmission without changing the default settings.

Timer A feature that lets you program a fax to go out at a certain time, such as Delayed Fax or Delayed Polling Receive.

Toll Saver (Only for MFC-9550) A Message Manager setting that allows the machine to answer after two ring when a message(s) was received and after four rings when there are no messages. The caller can hang up (after two rings) without paying for the call if there are no messages to retrieve.

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

toner cartridge An accessory that holds toner for the drum unit on Brother laser models.

Toner Saver A process that causes less toner to be affixed to the page to extend the life of the toner assembly. This will make the receiving document significantly lighter.

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

Xmit Report (Transmission Report) A listing of each transmission, showing caller ID, date, time, and number of pages.

Index

Accessory List

Model Name	Description
1 MB Memory Board	ME-1000
2 MB Memory Board	ME-2000
Laser Fax Toner	TN-200
Laser Fax Drum	DR-200

(For MFC-9050) →

Change Answer Mode
Press **9 8**
then for **TAD**, press **1**.
    Fax/Tel (F/T), press **2**.
    Fax, press **3**.

Exit Remote Operation
Press **9 0**.

Change Remote Access Code

1. Press **Menu**, **8**, **3**.
2. Enter the 3-digit number. The ✳ cannot be used.
3. Press **Set**.
4. Press **Stop** to exit.

❹

REMOTE CONTROL ACCESS CARD

Using Remote Access Code

1. Dial your machine phone number from a touch tone phone.
2. Enter your Remote Control Access Code (159✳) after the beep.
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 command.
5. Press **9 0** to reset your machine when you finish.
6. Hang up.

❶

(For MFC-9550) ↓

Check Receiving Status
Press **9 7**
then for **Fax message**, press **1**.
    Voice message, press **2**.
    1 long beep — received messages
    3 short beeps — no messages

Change Answer Mode
Press **9 8**
then for **Message Manager (TAD mode)**, press **1**.
    Fax/Tel (F/T), press **2**.
    Fax Only, press **3**.

Exit Remote Operation
Press **9 0**.

❺

MESSAGE MANAGER
REMOTE CONTROL ACCESS CARD

Using Remote Access Code

1. Dial your fax machine phone number from a touch tone phone.
2. Enter your Remote Control Access Code (159✳) after the beep.
3. The fax machine signals the kinds of messages received:

   1 long beep — Fax message(s)
   2 long beeps — Voice message(s)
   3 long beeps — Fax and Voice message(s)
   No beeps — no messages
4. After 2 short beeps, enter a command.
5. Press **9 0** to reset the machine when you finish.
6. Hang up.

❻ ❶

Remote Commands

Change Fax Forwarding Setting

Press **9 5**

then to   **Turn feature off** press **1**.
   Enter Fax Forwarding press **2**.
      Enter the new number of the remote
      fax machine where you want your fax
      message forwarded and then press **# #**.
   Program Fax Forward Number press
      4. Press **9 6 1** after two short beeps,
      then enter the number of remote fax
      machine, and then **# #** to retrieve
      Memory Status List.
   Turn Fax Storage on press **6**.
   Turn Fax Storage off press **7**.   ❷

Retrieve a Fax

Press **9 6**

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

Check the Receiving Status

Press **9 7 1**.
   1 long beep — Fax message(s)
   3 short beeps — no messages   ❸

Changing Remote Access Code

1- Press **Menu**, **1**, **8**, **7**.

2- Enter a three-digit number from 000 to
   998. The ✶ cannot be used.

3- Press **Set**.

4- Press **Stop** to exit.

Remote Commands

Listen to Voice Messages

Press **9 1**

then to   **Repeat a message** press **1**.
   Skip to next message press **2**.
   Stop playing the message press **9**.

Record a Memo

Press **9 2**.
Wait for the beep, then speak.
then to   **Stop recording** — Press **9**.   ❷

Erase All Messages

Press **9 3**. If you hear three beeps, all
messages have not yet been heard, and the
messages will not be erased.

Play/Record Outgoing Message

Press **9 4**

then to   **Play Message Center OGM** press
      1 1.
   Play F/T OGM press **1 2**.
   **Record new Message Center
      OGM** press **2 1**, then speak after
      beep. Press **9** to stop.
   Record new F/T OGM press **2 2**,
      then speak after beep. Press **9** to
      stop.

Change Paging/Fax Forwarding Setting

Press **9 5**

then to   **Turn feature off** press **1**.
   Enter Fax Forwarding press **2**.   ❸

Enter the new number of the
remote fax machine where
you want your fax message
forwarded and then press **# #**.

Enter Paging press **3**.
Program Fax Forward Number
   press **4**. Press **9 6 1** after two
   short beeps, then enter the
   number of remote fax machine,
   and then **# #** to retrieve Memory
   Status List.

Retrieve a Fax

Press **9 6**

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

Declaration of Conformity

We   Brother International Europe Ltd.
            Brother House,
            1, Tame Street,
            Audenshaw,
            Manchester, M34 5JE
            United Kingdom

declare that this product is in conformity with the following normative documents:

    Safety: EN 60950 : 1993
    EMC: EN55022 1987 Class B
              EN50082-1:1992

following the provisions of the Low Voltage Directive 73/23/EEC and the Electromagnetic Compatibility Directive 89/336/EEC (as amended by 91/263/EEC and 92/31/EEC)