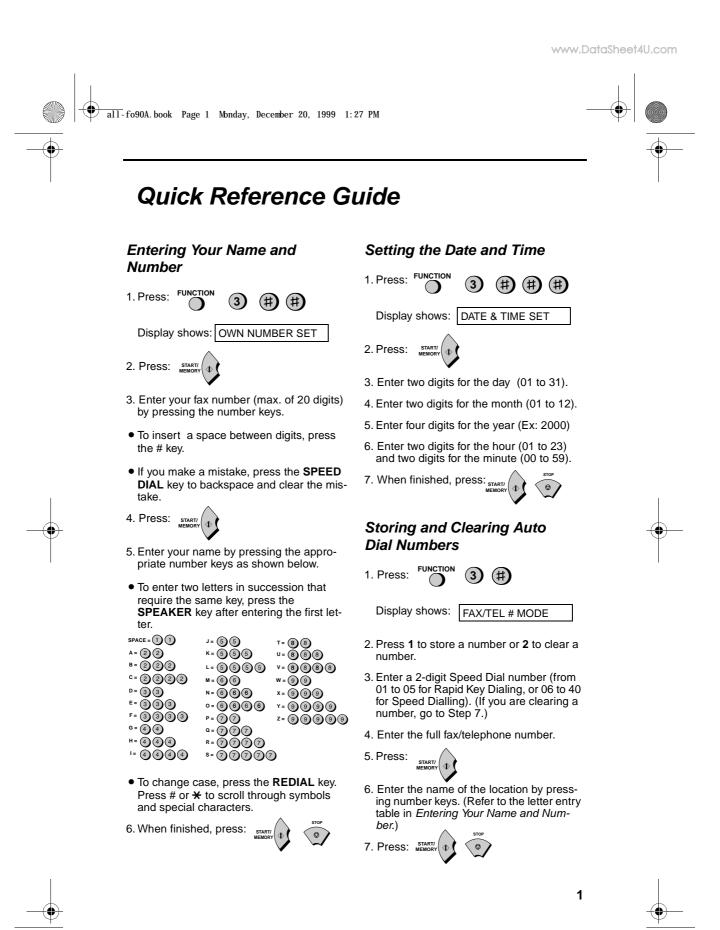




- 1. Installation
- 2. Using the Answering Machine
- 3. Sending Documents
- 4. Receiving Documents
- 5. Making Copies
- 6. Making Telephone Calls
- 7. Special Functions
- 8. Printing Lists
- 9. Maintenance
- 10. Troubleshooting





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Quick Reference Guide

Sending Faxes

Place your document (up to 5 pages) face down in the document feeder.



PEAKER

 \bigcirc

Normal Dialling

1. Lift the handset or press

2. Dial the fax number.

- 3. Wait for the reception tone (if a person answers, ask them to press their Start key).
- 4. Press: start/

Rapid Key Dialling

Press the appropriate Rapid Key. Transmission will begin automatically.

Speed Dialling



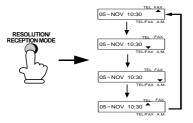
2. Enter 2-digit Speed Dial number.

3. Press: START/

2

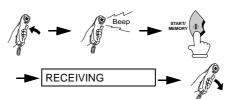
Receiving Faxes

Press the **RESOLUTION/RECEPTION MODE** key until the arrow in the display points to the desired reception mode (make sure the document feeder is empty).



FAX mode: The fax machine automatically answers on the set number of rings and receives the incoming document.

TEL mode:



TEL/FAX mode: The fax machine automatically answers on the set number of rings and receives faxes. Voice calls (including manually dialled fax transmissions) are signalled by a special ringing sound.

A.M. mode: Select this mode when you go out to receive both voice messages and faxes.

RECORDING AN OUTGOING MESSAGE

1. Press: **FUNCTION** (0) (#)

Display shows: OGM RECORDING

- 2. Press: MEMORY
- Press 1 (GENERAL) to record an outgoing message for the answering machine. Press 2 (TRANSFER) to record an outgoing message for the Transfer function.
- 4. Pick up the handset, press the **START/ MEMORY** key, and speak into the handset to record your message.
- 5. When finished, press the **STOP** key or replace the handset.



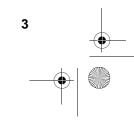
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Welcome, and thank you for

23	choosing a Sharp facsimile machine! The features and specifications of your new Sharp fax machine are shown below.
Automatic dialling	Rapid Key Dialling: 5 numbers Speed Dialling: 35 numbers
Fax paper	Initial starter roll (included with machine): 10 m Recommended replacement roll: FO-20PRw, 30 m (12.7mm core)
Paper cutting method	Automatic cutter
Modem speed	9600 bps with automatic fallback to lower speeds.
Transmission time*	Approx. 15 seconds
Resolution	Horizontal: 8 pels/mm Vertical: Standard: 3.85 lines/mm Fine /Halftone: 7.7 lines/mm Super fine: 15.4 lines/mm
Automatic document feeder	5 pages max. (20 lb paper)
Halftone (grayscale)	64 levels
Display	16-digit LCD display
Compression scheme	MR, MH, Sharp (H2)

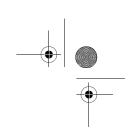
Note: This fascismile machine is Year 2000 compliant.

*Based on ITU-T Test Chart #1 at standard resolution in Sharp special mode, excluding time for protocol signals (i.e., ITU-T phase C time only).



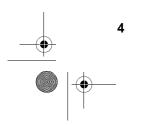
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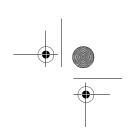


Applicable telephone line	Public switched telephone network	
Compatibility	ITU-T (CCITT) G3 mode	
Input document size	Automatic feeding: Width: 148 to 216 mm Length: 140 to 297 mm Manual feeding: Width: 148 to 216 mm Length: 140 to 600 mm	
Effective scanning width	210 mm max.	
Effective printing width	210 mm max.	
Contrast control	Automatic/Dark selectable	
Reception modes	Fax, Tel, Tel/Fax, A.M.	
Copy function	Yes	
Telephone function	Yes (cannot be used if power fails)	
Power requirements	230-240 V AC, 50 Hz	
Operating temperature	5 - 35°C	
Humidity	Maximum: 85% RH	
Power consumption	Standby: 2.6 W Maximum: 115 W	
Dimensions	Width: 304 mm Depth: 236 mm Height: 122 mm	
Weight	Approx. 2.6 kg	

As a part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

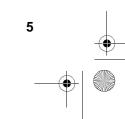


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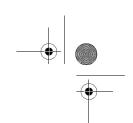


Important safety information

- For your safety, if any of your equipment is not operating properly or should any physical damage occur to the equipment where internal parts may become exposed, the equipment should be immediately disconnected from the phone line and then the power line and returned to a SHARP authorised Service Centre for inspection, repair, or disposal.
- In Australia, installing or modifying telephone lines should only be done by an ACA licensed serviceman. In New Zealand, installing or modifying telephone lines should be done in accordance with Telecom wiring practices.
- Do not disassemble this machine or attempt any procedures not described in this manual. Refer all servicing to qualified service personnel.
- This machine must only be connected to a 230-240 V, 50 Hz, earthed (3-prong) outlet. Connecting it to any other kind of outlet may damage the machine.
- Do not install or use the machine near water, or when you are wet. For example, do not use the machine near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool. Take care not to spill any liquids on the machine.
- Unplug the machine from the telephone socket and then the power outlet and consult a qualified service representative if any of the following situations occur:
 - Liquid has been spilled into the machine or the machine has been exposed to rain or water.
 - The machine produces odors, smoke, or unusual noises.
 - The power cord is frayed or damaged.
 - The machine has been dropped or the housing damaged.
- Do not allow anything to rest on the power cord, and do not install the machine where people may walk on the power cord.



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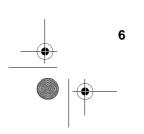


- Never insert objects of any kind into slots or openings on the machine. This could create a risk of fire or electric shock. If an object falls into the machine that you cannot remove, unplug the machine and consult a qualified service representative.
- Do not place this machine on an unstable cart, stand or table. The machine could be seriously damaged if it falls.
- Never install telephone wiring during a lightning storm.
- Never install telephone sockets in wet locations unless the socket is specifically designed for wet locations.
- Never touch bare telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use a telephone to report a gas leak in the vicinity of the leak.
- The socket-outlet must be installed near the equipment and must be easily accessible.

WARNING NOTICE: NO calls can be made to or from this fax during a mains power failure.

WARNING: Australian Communications Authority (ACA) regulations state that no unauthorised changes or modifications to this equipment are permitted.

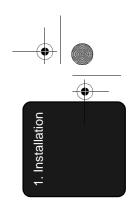
Note: Complies with ACA and NZ TELECOM standard AS/ NZS3548 regarding emission of electromagnetic interference.



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These limits are designed to provide reasonable protection against interference in an installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.

- Connect the equipment to an outlet on a different circuit to that which the receiver is connected.

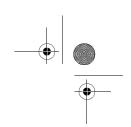
- Consult the dealer or an experienced radio/TV technician for help.

For Australia: The Ringer Equivalence Number (REN) for this equipment is written on the back of the machine. The sum of all the Ringer Equivalence Numbers (REN's) on your telephone line should not exceed 3 to assure correct service from your telephone company.

Important:

- This facsimile machine is not designed for use on a line which has call waiting, call forwarding, or certain other special services offered by your telephone company. If you attempt to use the fax machine on a telephone line using any of these services, you may experience errors during transmission and reception of facsimile messages.
- This facsimile machine is not compatible with digital telephone systems.
- This facsimile machine is designed to operate in Australia and New Zealand only.

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Important Notice For New Zealand Users

Please note:

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with the minimum conditions for connection to its network.

It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

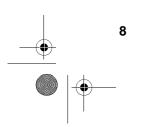
This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.

This equipment shall not be set up to make automatic calls to the Telecom '111' Emergency Service.

To avoid telephone charges for local calls, be sure to store numbers "without" area code in your rapid or speed dial locations.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

Not all standard telephones and answering machines will respond to imcoming ringing when connected to the extension socket of the equipment.



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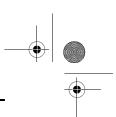
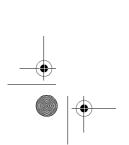


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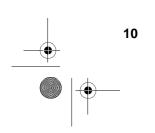


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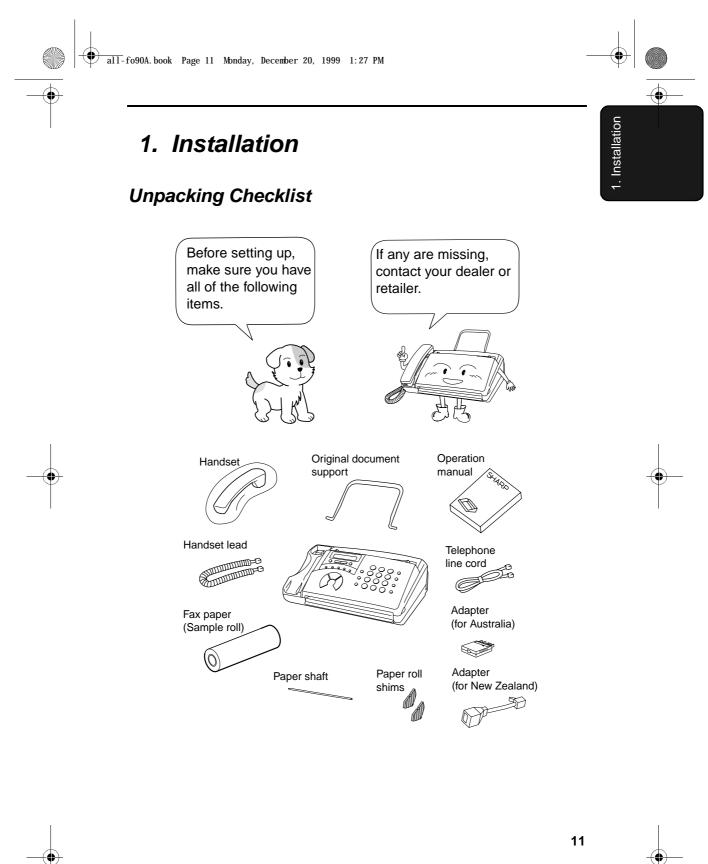
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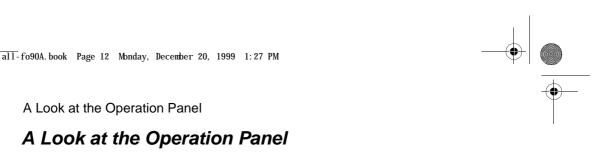
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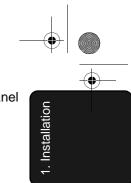
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00 345678 0 **@ D** REC/M IO REPEAT PLAY/SKIP DELETE (1)(2)(3)Ň G c O E/ POLL VOLŮM Ō 0 (4 5 0 STOP 8 9 7 \heartsuit COPY/ HELP START SPEAKER # SHARP ø B Ø B 16 17 18 **Rapid Dial Keys** Press one of these keys to dial a fax number automatically. **REC/MEMO** key 2 Press this key to record a phone conversation or a message. B **REPEAT key** Press this key to repeat playback of a message. 4 PLAY/SKIP key Press this key to play recorded messages. During playback, press it to skip forward to the next message. Display 5 This displays messages and prompts during operation and programming. **DELETE key** 6 Press this key to erase recorded messages. 12

A Look at the Operation Panel



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A Look at the Operation Panel

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VOLUME key

FUNCTION key

Press this key to adjust the volume of the speaker when the **SPEAKER** key has been pressed, the volume of the ringer at all other times.

Press this key to select various special functions.



Number keys

Use these keys to dial numbers, and enter numbers and letters when storing auto-dial numbers.



SPEED DIAL key

Press this key to dial a fax or voice number using an abbreviated 2digit Speed Dial number.



D

REDIAL key

Press this key to automatically redial the last number dialed.



Press this key to send or receive a document or to scan a document into memory before sending it.



STOP key

Press this key to cancel an operation before it is completed.



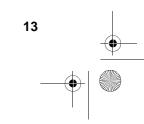
COPY/HELP key

When a document is in the feeder, press this key to make a copy of a document. At any other time, press this key to print out the Help List, a quick reference guide to the operation of your fax machine.

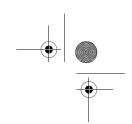


RESOLUTION/RECEPTION MODE key

When a document is in the feeder, press this key to adjust the resolution for faxing or copying. At any other time, press this key to select the reception mode (an arrow in the display will point to the currently selected reception mode).



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A Look at the Operation Panel



SPEAKER key

Press this key to listen to the line and fax tones through the speaker when faxing a document.

Note: This is not a speakerphone. You must pick up the handset to talk with the other party.



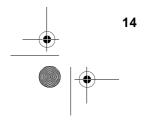
17 HOLD/SEARCH key

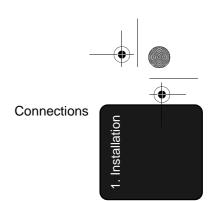
Press this key to search for an auto-dial number, or, during a phone conversation, press this key to put the other party on hold.



Panel release

Grasp this finger hold and pull toward you to open the operation panel.

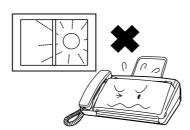




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Connections

Points to keep in mind when setting up



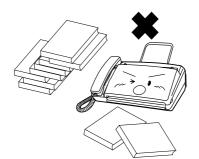
Do not place the machine in direct sunlight.



Do not place the machine near heaters or air conditioners.



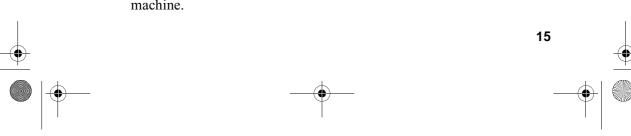
Keep dust away from the machine.



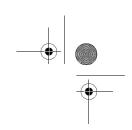
Keep the area around the machine clear.

About condensation

If the machine is moved from a cold to a warm place, it is possible that condensation may form on the scanning glass, preventing proper scanning of documents for transmission. To remove the condensation, turn on the power and wait approximately two hours before using the machine.



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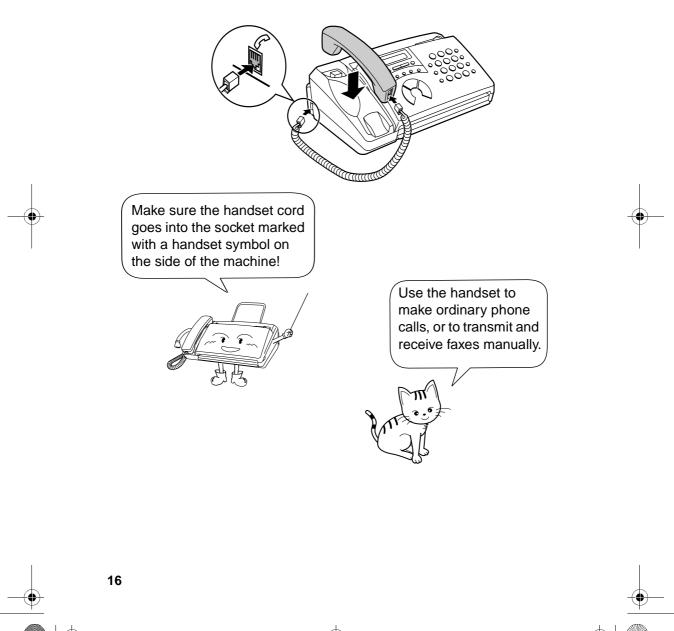


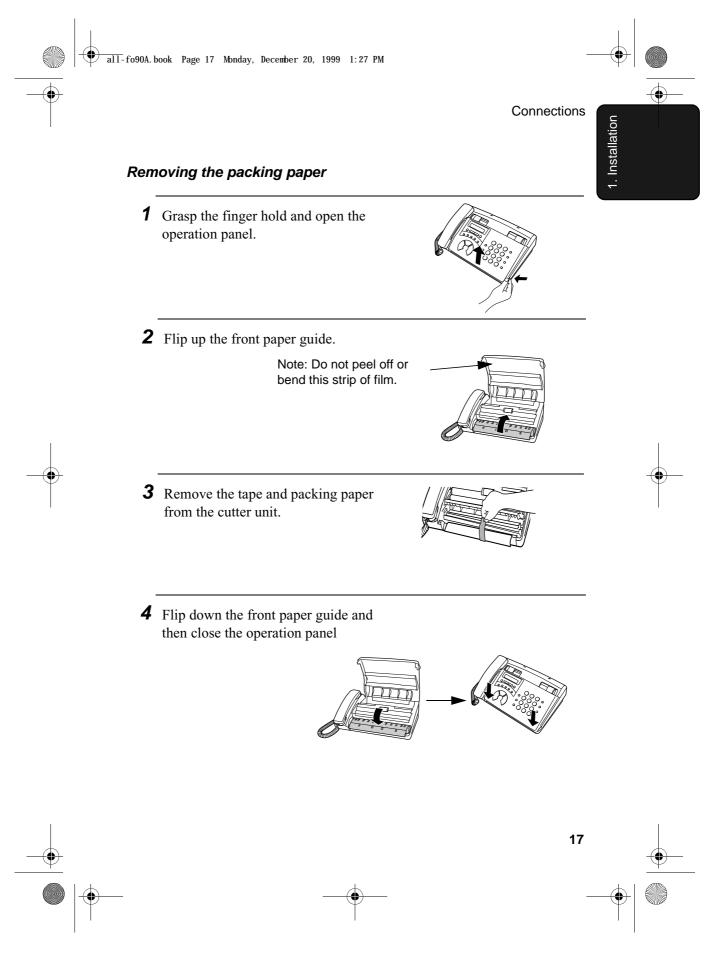
Connections

Connecting the Handset

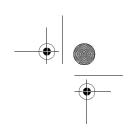
Connect the handset as shown and place it on the handset rest.

• The ends of the handset cord are identical, so they will go into either socket.





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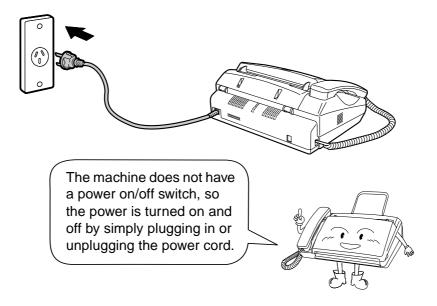
Connections

Connecting the power cord

Plug the power cord into a 230-240 V, 50 Hz, grounded AC outlet.

Caution:

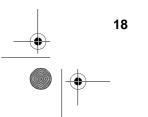
- The mains outlet (socket-outlet) should be installed near the equipment and be easily accessable.
- When disconnecting the fax, unplug the telephone line cord before unplugging the power lead.

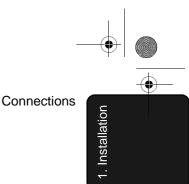


Note: If your area experiences a high incidence of lightning or power surges, we recommend that you install surge protectors for the power and telephone lines. Surge protectors can be purchased at most telephone specialty stores.

Moving your fax and reconnecting

Should it be necessary to move your fax to a new location, first disconnect the telephone line cord before disconnecting the power cord. When reconnecting, it is necessary to connect the power cord before connecting the telephone line cord.

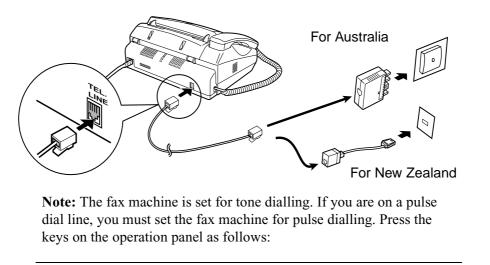


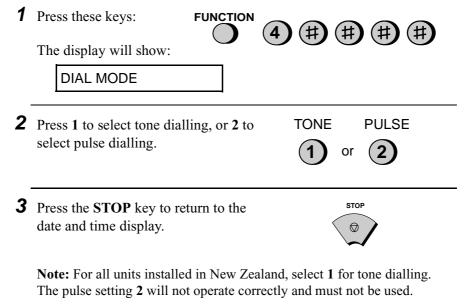


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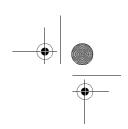
Connecting the telephone line cord

Insert one end of the telephone line cord into the adapter. Insert the other end of the line cord into the socket on the back of the fax marked **TEL. LINE**. Plug the adapter into the telephone socket on the wall.





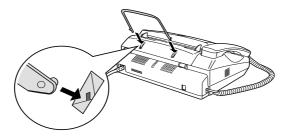
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Connections

Attaching the original document support

Attach the original document support as shown below.



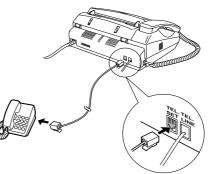
Extension phone (optional)

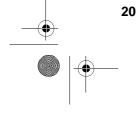
If desired, you can connect an extension phone to the **TEL**. **SET** socket on the fax.

1 Remove the seal covering the TEL. SET socket.

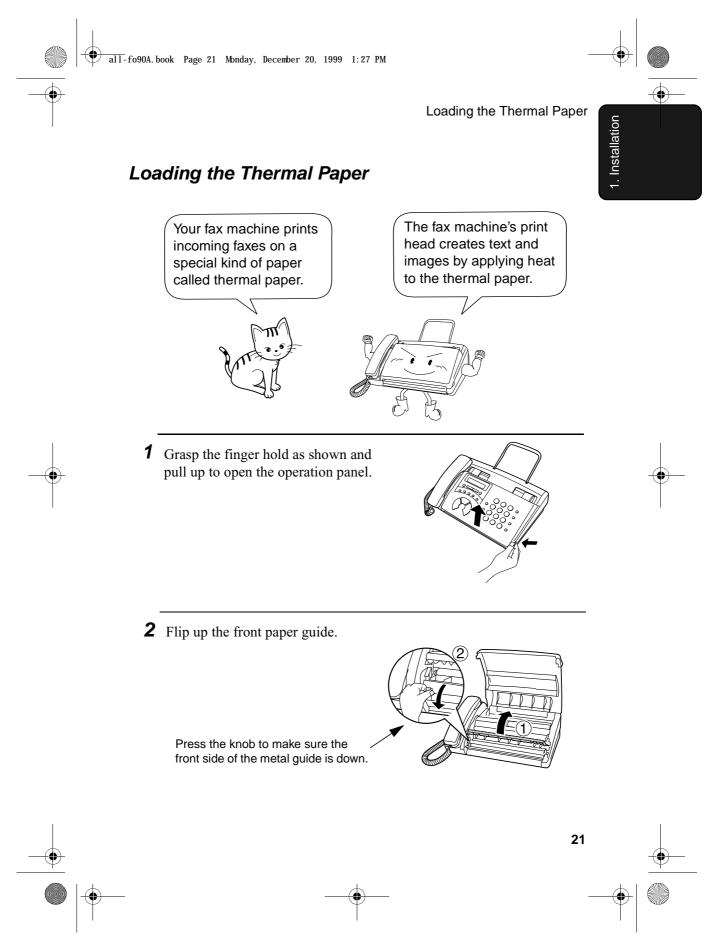
2 Connect the extension phone line to the **TEL. SET** socket.

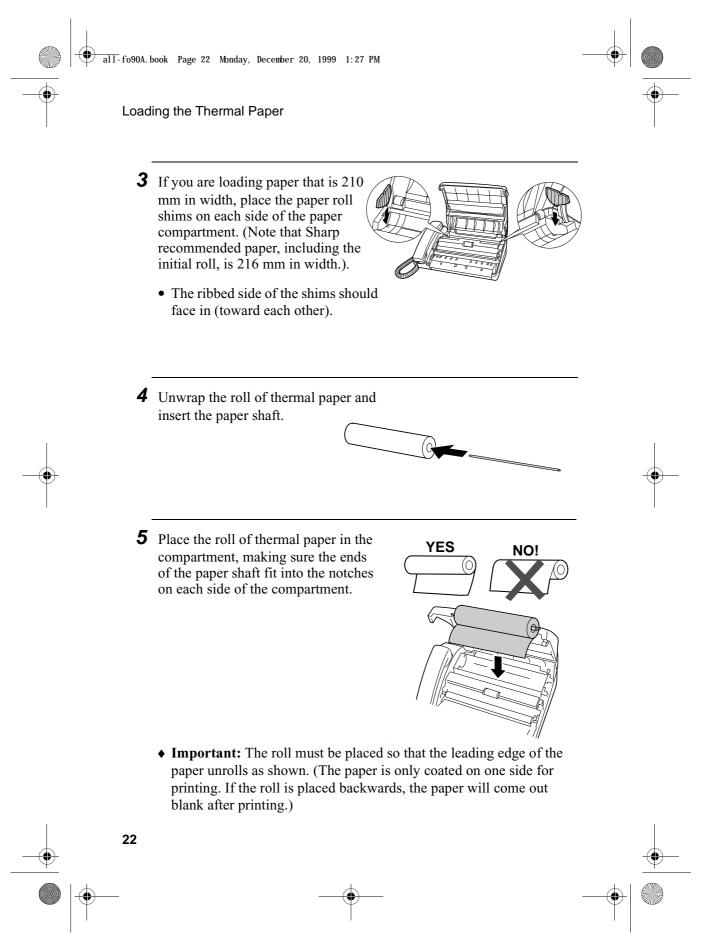
Important: In New Zealand, not all standard telephones and answering machines will respond to incoming ringing when connected to the extension socket of the equipment.



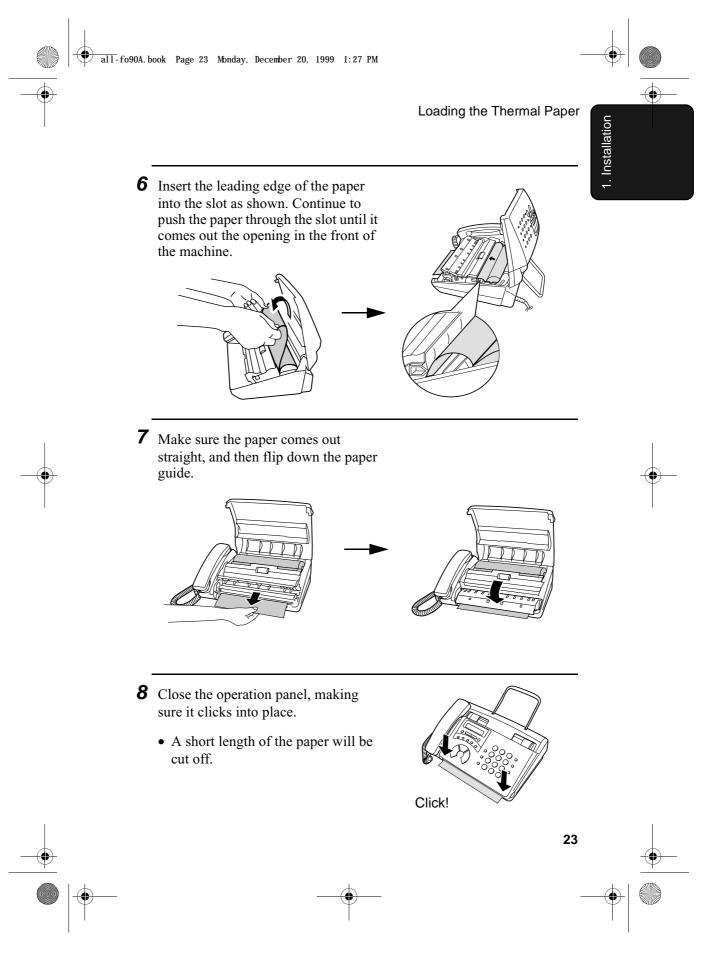


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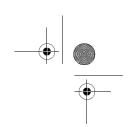




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Loading the Thermal Paper

Replacing the thermal paper

When the paper runs out, OUT OF PAPER will appear in the display. Reception and copying will no longer be possible. To replace the paper, first take out the old roll, then load the new roll as described above.

To assure a long life for your fax and obtain the best reproduction quality, we recommend that you use the following Sharp thermal paper, which is available from your dealer or retailer:

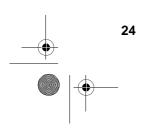
FO-20PRw THERMAL PAPER (30 m roll)

The use of any other paper may result in poor copy quality and excessive build-up of residue on the head.

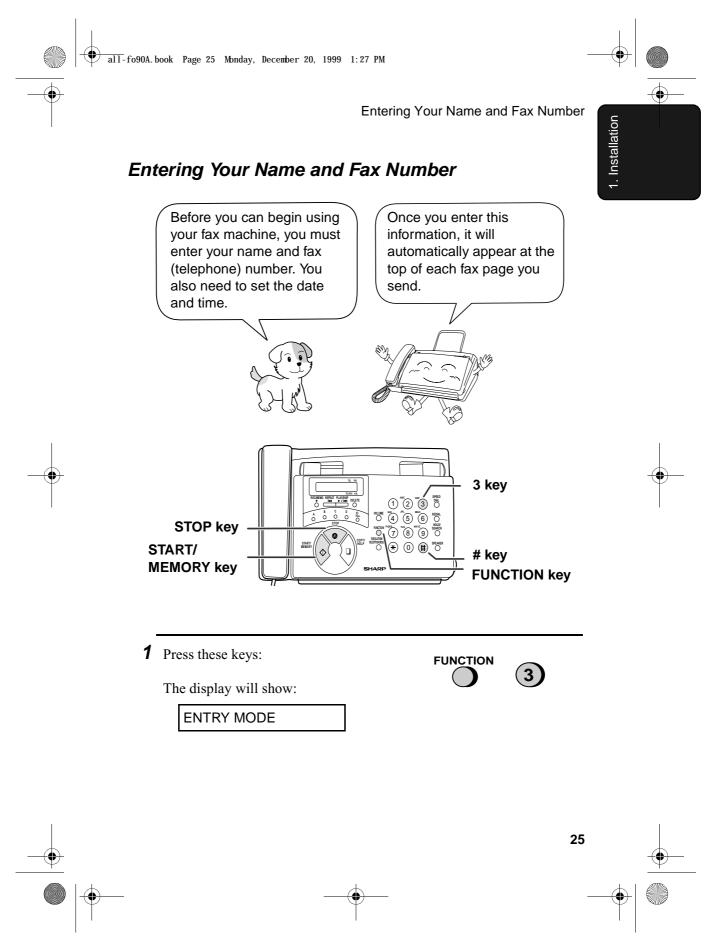
Handling thermal paper

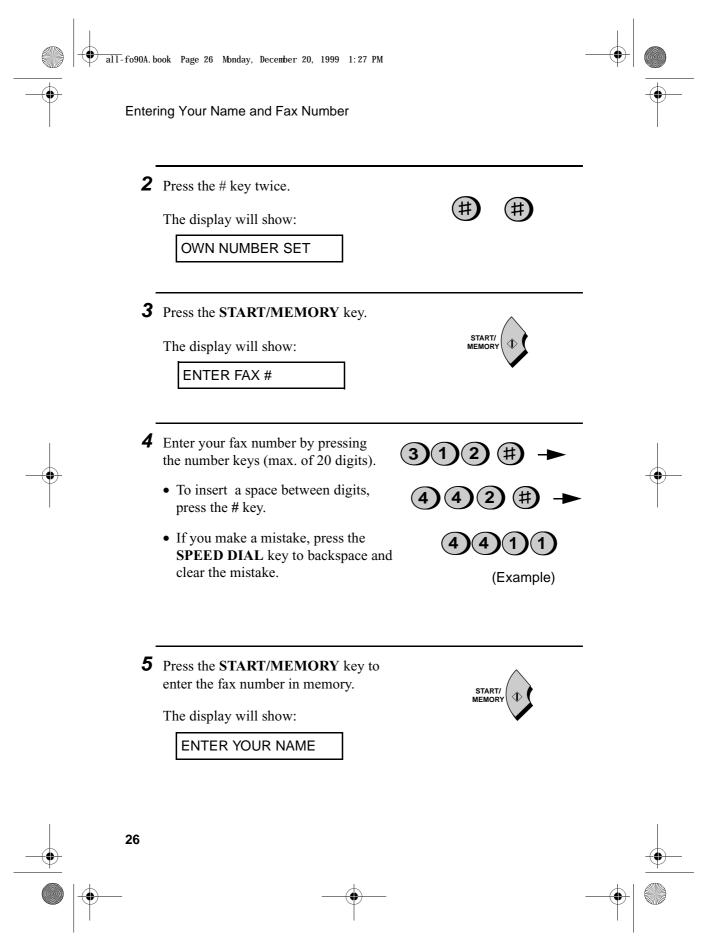
Do not unpack the paper until you are ready to use it. It may become discoloured if:

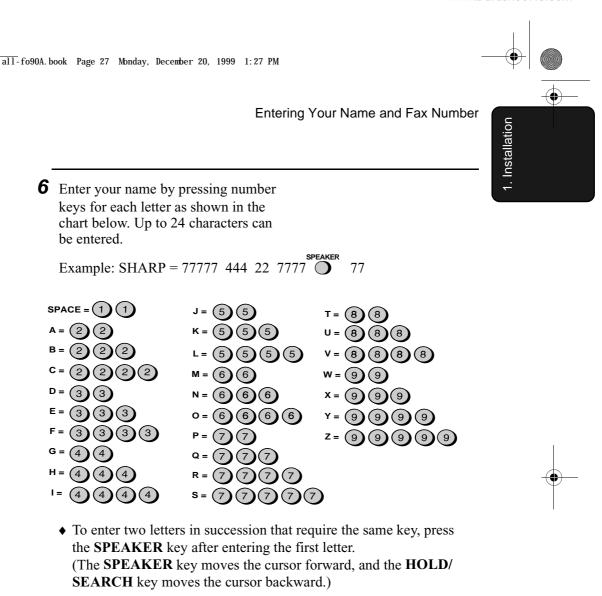
- It is stored at high humidity or high temperature.
- It is exposed to direct sunlight.
- It comes in contact with glue, thinner, or a freshly copied blueprint.
- A rubber eraser or adhesive tape is used on it, or it is scratched.



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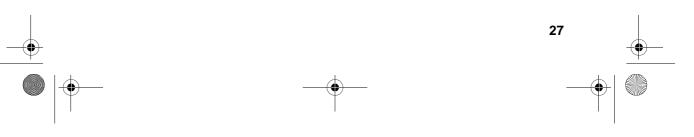


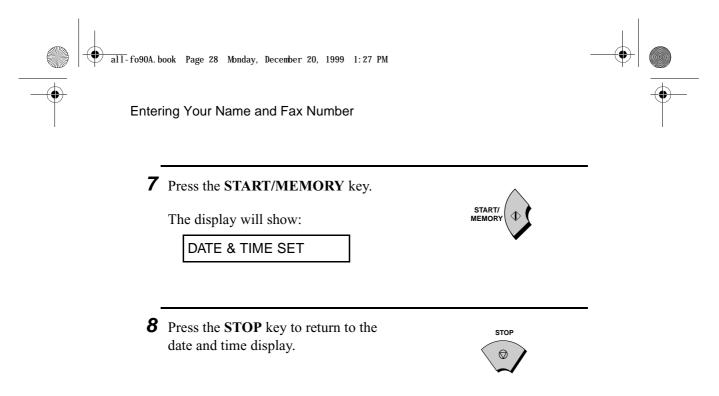


- To clear a mistake, press the SPEED DIAL key.
- To change case, press the **REDIAL** key.
- ◆ To select one of the following symbols, press the # key or the ★ key repeatedly:

./!"#\$%&`()*+,-:;<=>?@[\`]^_'{|}→←

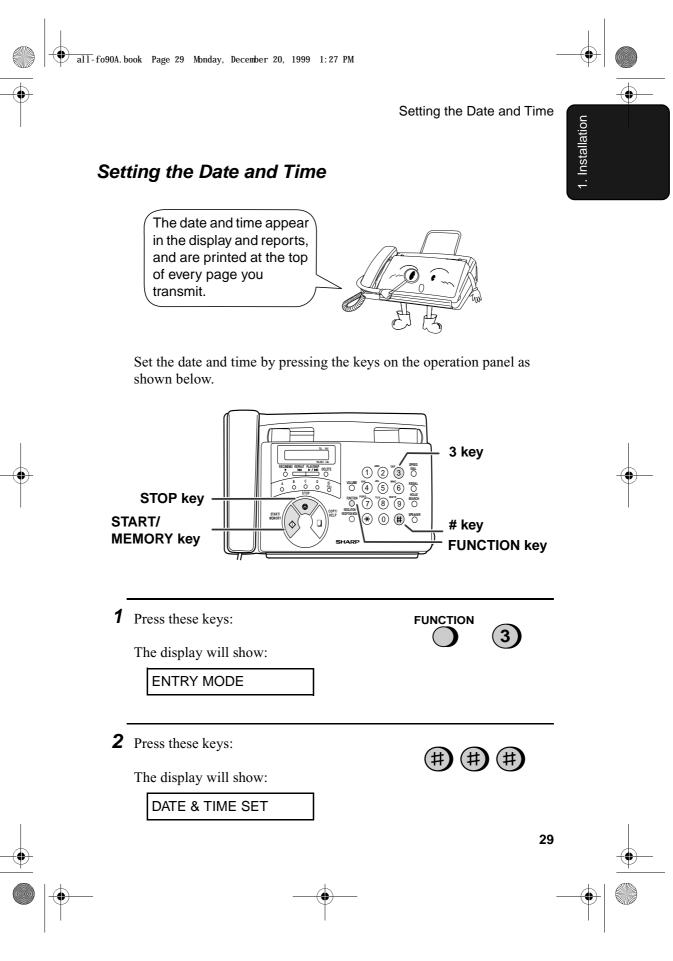
Cursor: A dark square mark in the display that indicates where a number or letter will be entered.

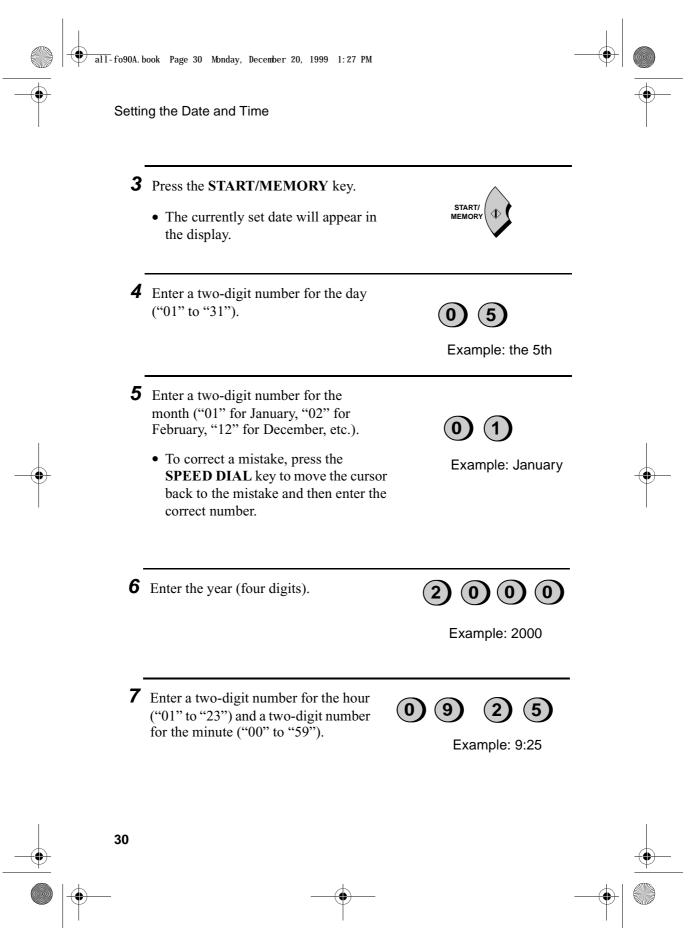


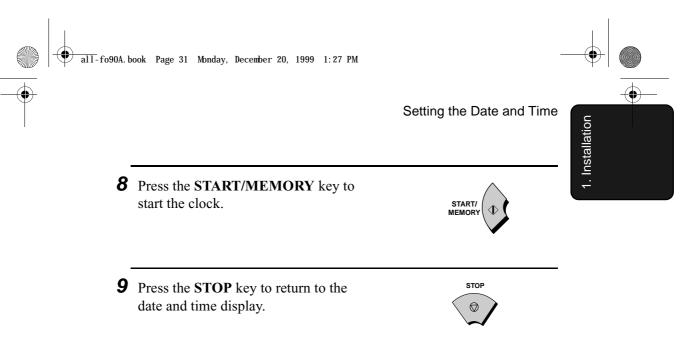




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Note: This fax machine is Year 2000 compliant.



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Setting the Reception Mode

Setting the Reception Mode

Your fax machine has four modes for receiving incoming calls and faxes:

TEL mode:

Select this mode when you want to receive both phone calls and faxes on the fax machine. All calls, including faxes, must be answered by picking up the fax machine's handset.

FAX mode:

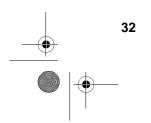
Select this mode when you only want to receive faxes. The fax machine will automatically answer all calls and receive incoming faxes.

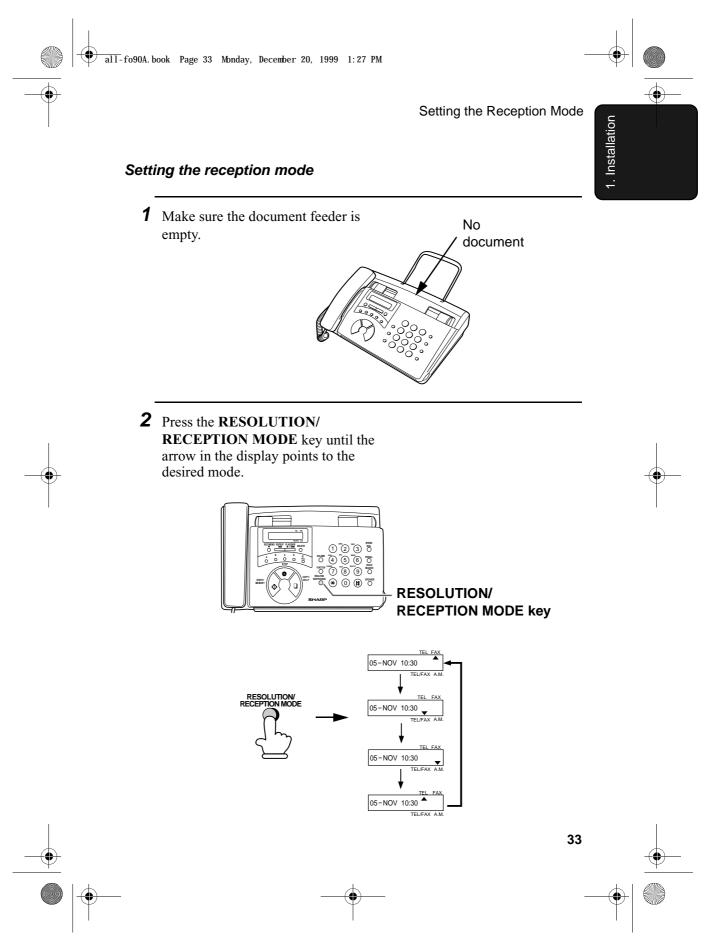
TEL/FAX mode:

This mode is convenient for receiving both faxes and voice calls. When a call comes in, the fax will detect whether it is a voice call (including manually dialled fax transmissions), or an automatically dialled fax. If it is a voice call, the fax will make a special ringing sound to alert you to answer. If it is an automatically dialled fax transmission, reception will begin automatically.

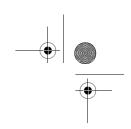
A.M. mode:

Select this mode when you are out and want the built-in answering machine to answer all calls. Voice messages will be recorded, and fax messages will be received automatically.





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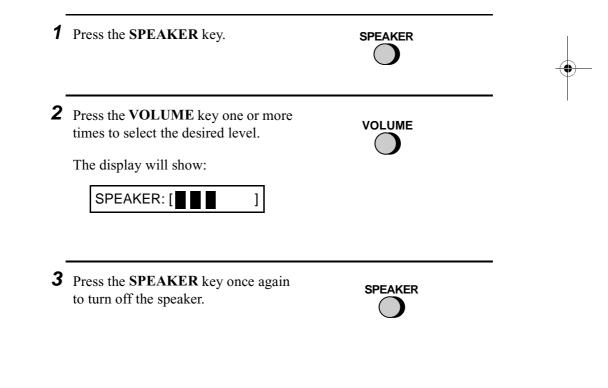
Volume Adjustment

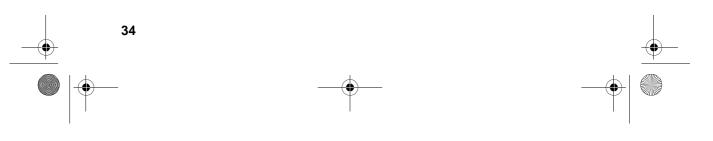
Volume Adjustment

You can adjust the volume of the speaker and the ringer using the **VOLUME** key.

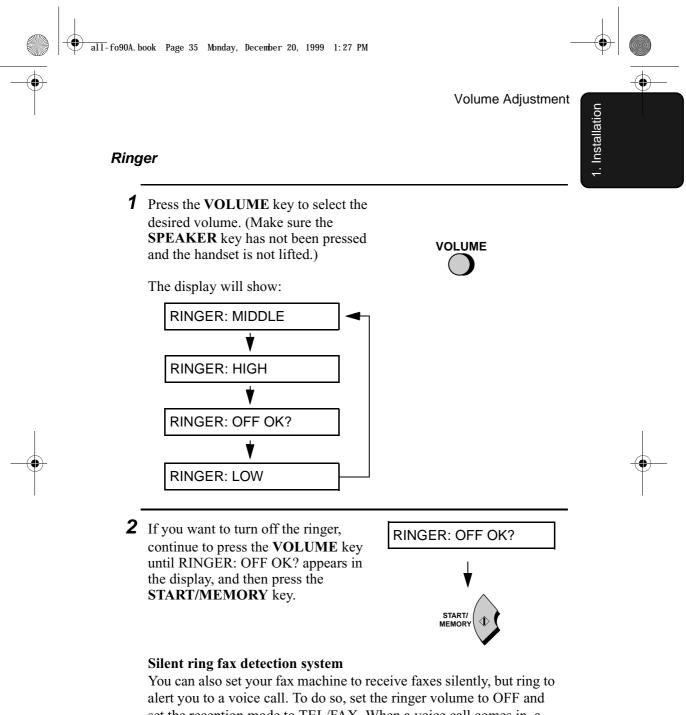


Speaker





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set the reception mode to TEL/FAX. When a voice call comes in, a special ringer on the fax will ring. Note that extension telephones will not ring.

Note: During initial ringing before the fax picks up the call, the fax will be silent but extension telephones will ring.

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2. Using the Answering Machine

The FO-90's built-in answering machine allows you to receive both voice messages and fax transmissions while you are out.

To use the answering machine, record an outgoing message and then set the reception mode to A.M. when you go out.

Recording an Outgoing Message

The outgoing message (OGM) is the greeting that the machine plays after answering a call to inform callers that they can leave a message or send a fax.

Example:

"Hello. You've reached the ABC company. No one is available to take your call right now. Please leave a message after the beep or press your facsimile Start key to send a fax. Thank you for calling."

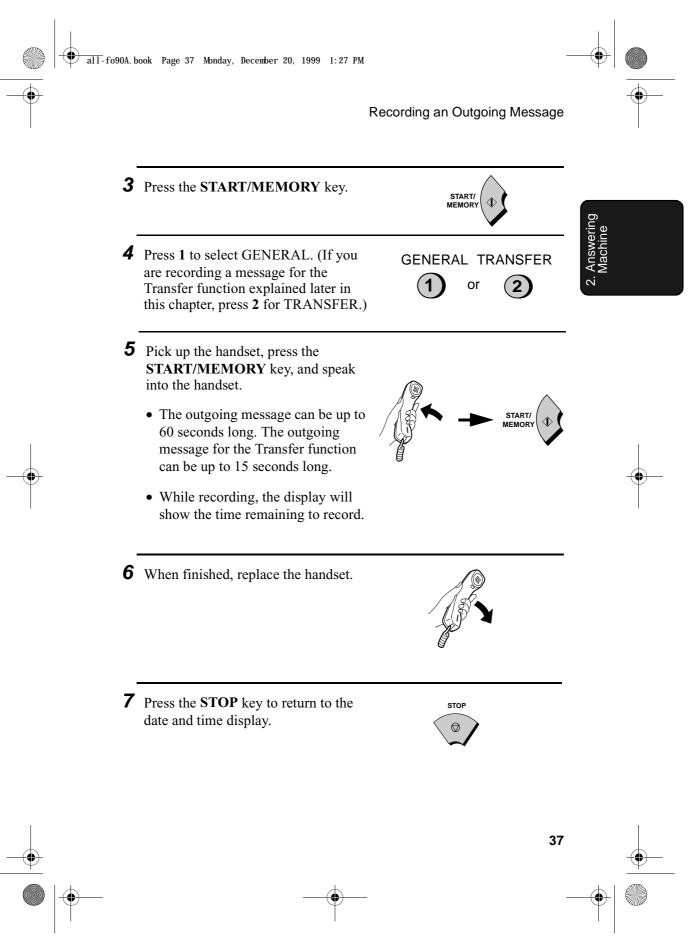
1
Press these keys:

The display will show:

A.M. SETTINGS

2
Press the # key.
The display will show:
OGM RECORDING
36

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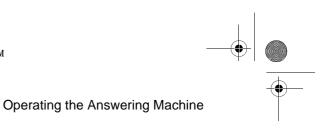
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Recording an Outgoing Message

To listen to or erase an outgoing message

To listen to or erase an outgoing message, follow Steps 1 through 4 of the above procedure to select the message, and then press the **PLAY**/**SKIP** key to listen to it, or the **DELETE** key to erase it. To return to the date and time display, press the **STOP** key twice. Note that the general outgoing message cannot be erased. If you need to change it, simply repeat the recording procedure.





RESOLUTION/ RECEPTION MODE

TEL

TEL/FAX A.M.

FAX

Operating the Answering Machine

Activating the answering machine

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Activate the answering machine before you go out as follows:

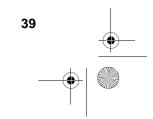
Press the **RESOLUTION**/ **RECEPTION MODE** key until the arrow in the display points to A.M..

- The outgoing message will play (you can stop playback by pressing the **STOP** key).
- It will not be possible to set the reception mode to A.M. if a general outgoing message has not been recorded.

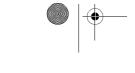
When the reception mode is set to A.M., the FO-90 will answer incoming calls after two rings if it has received at least one incoming message, or after four rings if no messages have been received. (For more information, see Toll Saver in Remote Operations in this chapter.)

Note: If the memory is full from messages previously recorded, MEM-ORY IS FULL will appear in the display. To set the reception mode to A.M., you must first erase some or all of the stored messages.

Note: In A.M. mode, the machine will automatically switch to fax reception if it detects a period of silence longer than six seconds after answering a call. For this reason, if a caller pauses for this length of time while leaving a message, they will be cut off.



2. Answering Machine



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Operating the Answering Machine

Listening to received messages

When you return, the display will show the number of messages recorded. Listen to the messages as follows:

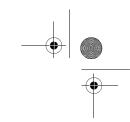
- **1** Press the **PLAY/SKIP** key.
 - If you only want to listen to new messages (messages not previously listened to), continue to hold the PLAY/SKIP key down for at least two seconds.

2 The messages will play.

- As each message plays, the date and time of recording will appear briefly in the display. If no messages were received, NO MESSAGES will appear.
- To listen to a message a second time, press the **REPEAT** key before playback of that message ends.
- To move back to the previous message, press the **REPEAT** key within 3 seconds of the beginning of the current message.
- To skip forward to the next message, press the **PLAY/SKIP** key.

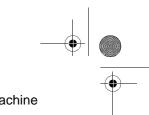
Note: Playback will stop if you receive a call, lift the handset, press the **STOP** key.







RFPFAT



Operating the Answering Machine

DELETE

Erasing received messages

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It is important to erase received messages after you listen to them to ensure that the memory does not become full.

- Erasing all messages: To erase all messages, press and hold down the **DELETE** key for at least 2 seconds.

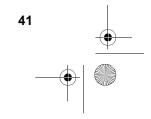


• Erasing a single message: To erase only a single message, press the DELETE key while the message is being played.

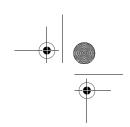
Using the REC/MEMO key

You can use the **REC/MEMO** key to record telephone conversations and messages for other users of the FO-90. These will be played back together with any incoming messages when the **PLAY/SKIP** key is pressed.

- Recording messages: To record a message, press the **REC/MEMO** key and then pick up the handset, press the **START/MEMORY** key, and speak into the handset. When you have finished speaking, replace the handset or press the **STOP** key.
- Recording phone conversations: To record a phone conversation, hold down the **REC/MEMO** key during the conversation you want to record. When you are finished, release the key.



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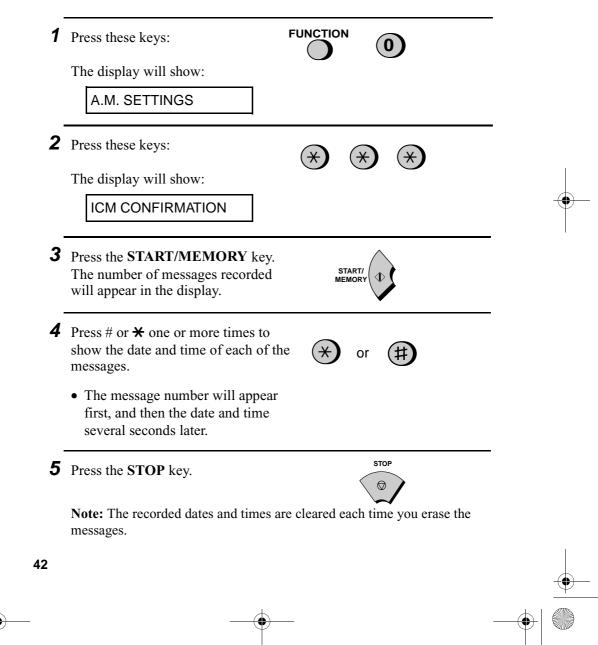


Operating the Answering Machine

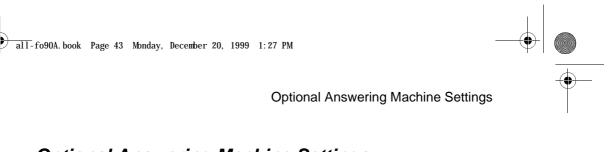
Date and time of ICMs

You can check the date and time of your received messages by pressing the panel keys as shown below.

• The dates and times are also shown in the Message List, which can be printed out as described in Chapter 8.



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Optional Answering Machine Settings

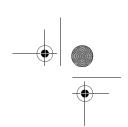
Setting ICM time

Incoming messages (ICMs) are the messages which callers leave for you on the built-in answering machine. The answering machine is set at the factory to allow each caller a maximum of 4 minutes to leave a message. If desired, you can change this setting to 15, 30, or 60 seconds.

2. Answering Machine

1	Press these keys:		
	The display will show:		
	A.M. SETTINGS		
2	Press these keys:		
	The display will show:		
	ICM RECORD TIME		
3	Press a numeric key to select the desired ICM recording time:		
	• 1: 15 seconds 1		
	• 2: 30 seconds 2		
	• 3: 60 seconds 3		
	• 4: 4 minutes 4		
4	Press the STOP key.	STOP	
			43
			<u> </u>

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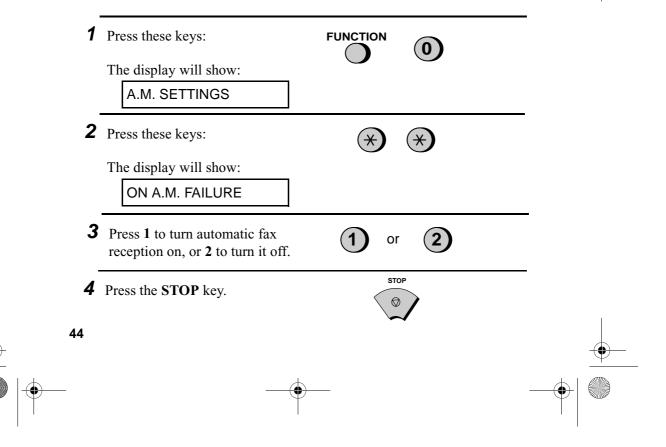
Optional Answering Machine Settings

Fax reception on A.M. failure

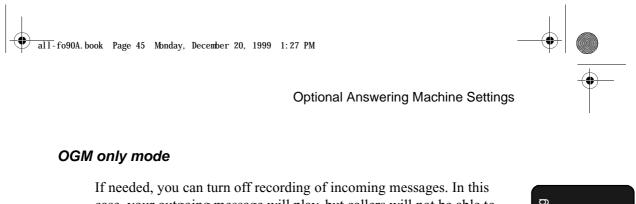
If the memory for recording incoming messages becomes full while you are out, the answering machine will no longer be able to record messages. The ON A.M. FAILURE setting is used to choose the response of the machine to incoming calls when this happens:

- ◆ Automatic fax reception NO: The FO-90 will answer after 20 rings, after which it will wait to receive a remote command. Most callers will hang up before it answers; however, when you call the FO-90 from a remote location, you can wait until it answers, listen to your messages, and then erase them (see Remote Operations in this chapter).
- ♦ Automatic fax reception YES: The reception mode will switch to FAX mode, allowing the FO-90 to continue to receive faxes automatically without broadcasting an OGM on answering. With this setting, you can still use the remote commands to listen to your messages and erase the message memory (see Remote Operations in this chapter).

Automatic fax reception is set to NO at the factory before shipping. If you want to set it to YES, press the panel keys as follows:



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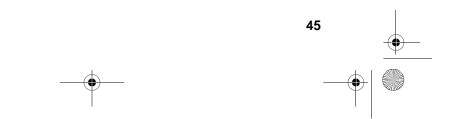


case, your outgoing message will play, but callers will not be able to leave a message. (The machine will still receive faxes sent by automatic dialling.) **1** Press these keys: FUNCTION O * **1** OGM ONLY MODE **2** Press 1 to turn on OGM only mode, or 2 to turn it off.

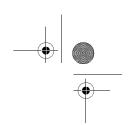
STOP

 \heartsuit

3 Press the **STOP** key.



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Transfer Function

Transfer Function

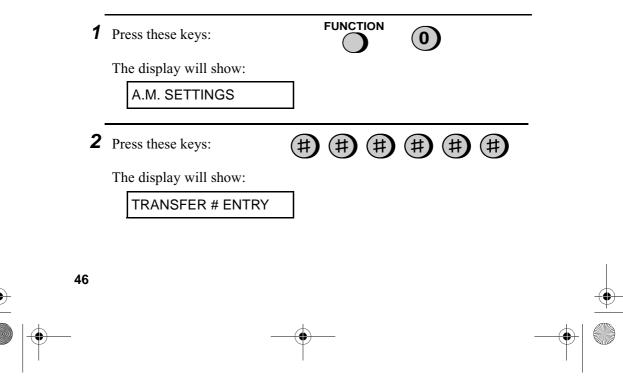
The Transfer function is used to make the FO-90 automatically call you at a specified number every time it receives an incoming message. This lets you hear your messages immediately after they come in, even when you are at a remote location.

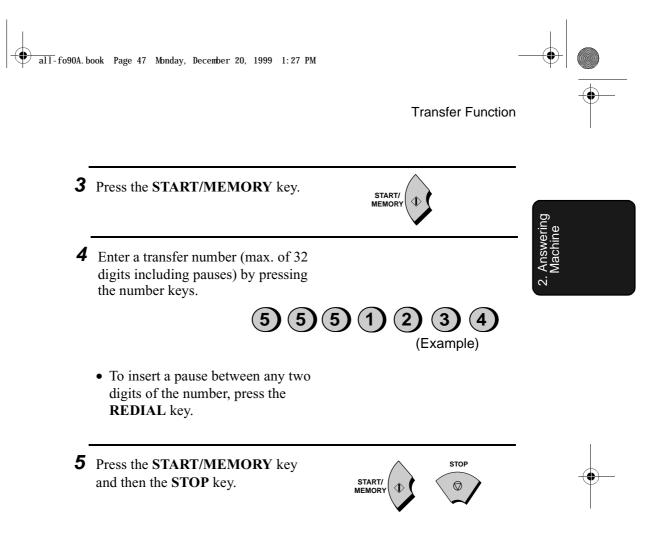
When you answer the telephone, you will hear your recorded message telling you that the call is a transfer call. Enter "#", your remote code number, and "#". The answering machine will then play back your messages. You can also perform any of the remote operations described in *Remote Operations* later in this chapter.

Note: When you hang up after a transfer call, the FO-90 will not immediately resume normal operation. If you want the FO-90 to accept calls immediately after a transfer call, enter " \star " twice before hanging up (if you want to hang up during message playback, first enter " 0" and " #" to stop playback, then enter " \star " twice).

Programming the transfer number

To use the Transfer function, you must first give the FO-90 the number to call (the transfer number). This is done by pressing the panel keys as follows:

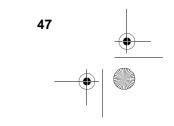


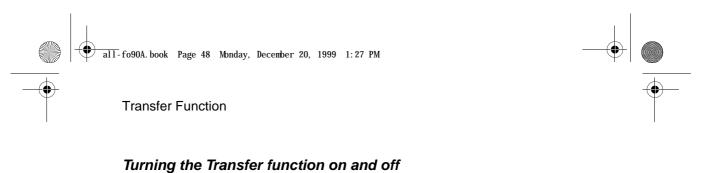


Recording the transfer message

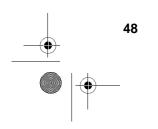
The transfer message plays when you answer the telephone, and informs you that the call is a transfer call. It can be up to 15 seconds long. To record a transfer message, follow the steps described in *Recording an Outgoing Message* in this chapter. The following is an example:

"Hello. This is a transfer call for (YOUR NAME). Enter your remote code number now."





Press these keys:	FUNCTION
The display will show:	
A.M. SETTINGS	
Press these keys:	(*) (*) (*) (*)
The display will show:	
TRANSFER FUNC	
Press 1 to turn the Transfer function on, or 2 to turn it off.	1 or 2
Press the STOP key.	STOP





Override Ringing

This function allows selected callers using a tone dial telephone to override the answering machine's outgoing message and cause the FO-90 to make a special ringing sound, alerting you that they are calling. This is useful when you are near the machine but only want to talk with certain callers, taking all other calls on the answering machine.



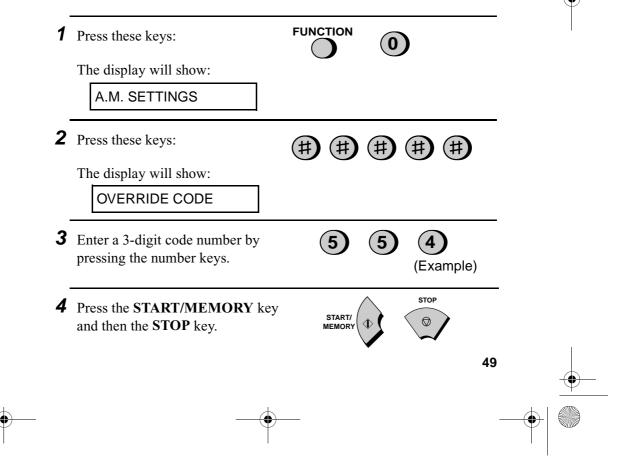
Programming the override code

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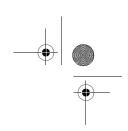
To override the answering machine, your callers must enter a 3-digit override code from their telephone. This code has been set to "009" at the factory. If you want to change it, press the panel keys as shown below.

Important!

• Make sure the override code is different from the remote code used for remote operations.



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Override Ringing

Overriding the answering machine

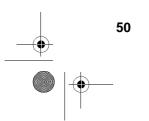
Your callers should follow the steps below to override the answering machine.

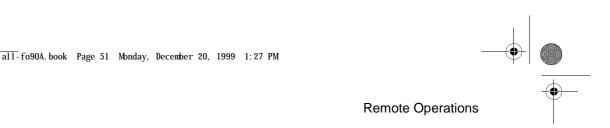
- **1** Your caller calls the FO-90 from a tone dial telephone. When the outgoing message begins, they should press the "#" key on their telephone.
 - The caller will hear a short beep, and the outgoing message will stop.
- **2** The caller should enter the override code and "#" by pressing the appropriate keys on their telephone.
 - If an incorrect code is entered, the caller will hear four beeps. He or she must re-enter the correct code within 10 seconds or the line will be disconnected.
- **3** The FO-90 will make a special ringing sound. Pick up the handset to answer the call.
 - If you do not answer within 30 seconds, the outgoing message will play again and the caller can then leave a message.



(5)

(Example)





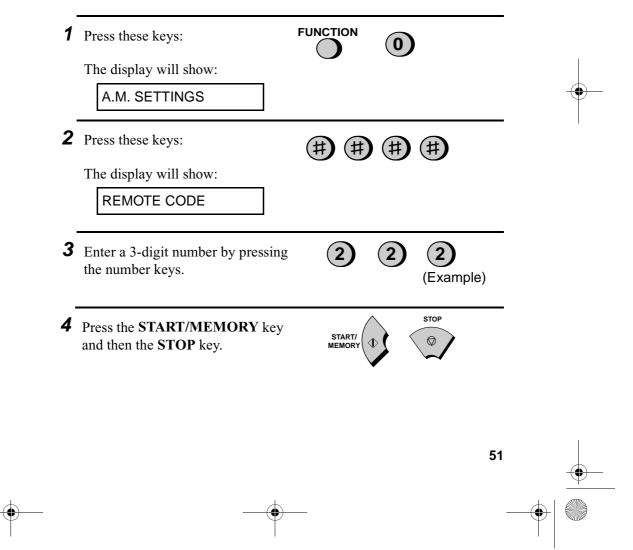
Remote Operations

You can call the FO-90 from any tone dial telephone and play back your messages using the remote commands. You can also use these commands to change the reception mode and other settings.

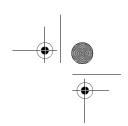
Remote code number

To perform remote operations, you must first program a remote code number. This number is used to prevent unauthorised people from listening to your messages or changing the settings of your machine.

The remote code number has been set to "001" at the factory. If you want to change it, press the panel keys as shown below.



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Remote Operations

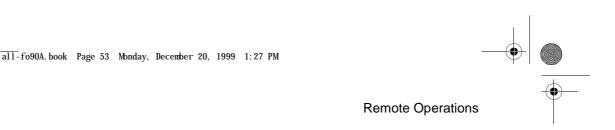
Toll Saver

When you call the FO-90 to listen to your messages, it will answer after two rings if it has received at least one message, or after four rings if it has not received any messages.

This allows you to save money on telephone charges, particularly if you are calling long distance. If the machine does not answer after the second ring, you can simply hang up before it answers, saving yourself the cost of that call.

If you do not want to use the Toll Saver function, you can turn it off by following the steps below. In this case, the FO-90 will answer after the number of rings set in *Changing the number of rings* (see Chapter 4), the ring setting for FAX reception mode.

	Press these keys:		
	The display will show:		
	A.M. SETTINGS		
	2 Press these keys:	(#) (#)	
	The display will show:		
	TOLL SAVER		
	3 Press 1 to turn Toll Saver on, turn it off.	or 2 to 1 or 2	
	4 Press the STOP key.	STOP	
52			•
•	_		



Retrieving your messages

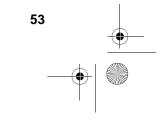
Note: You can also access the FO-90 for remote operation when the reception mode is set to FAX or TEL/FAX. In this case, call the FO-90, press the "#" key immediately after it answers, or during pseudo ringing in TEL/FAX mode (before you hear the fax tone in either case), and then continue from Step 2 below.

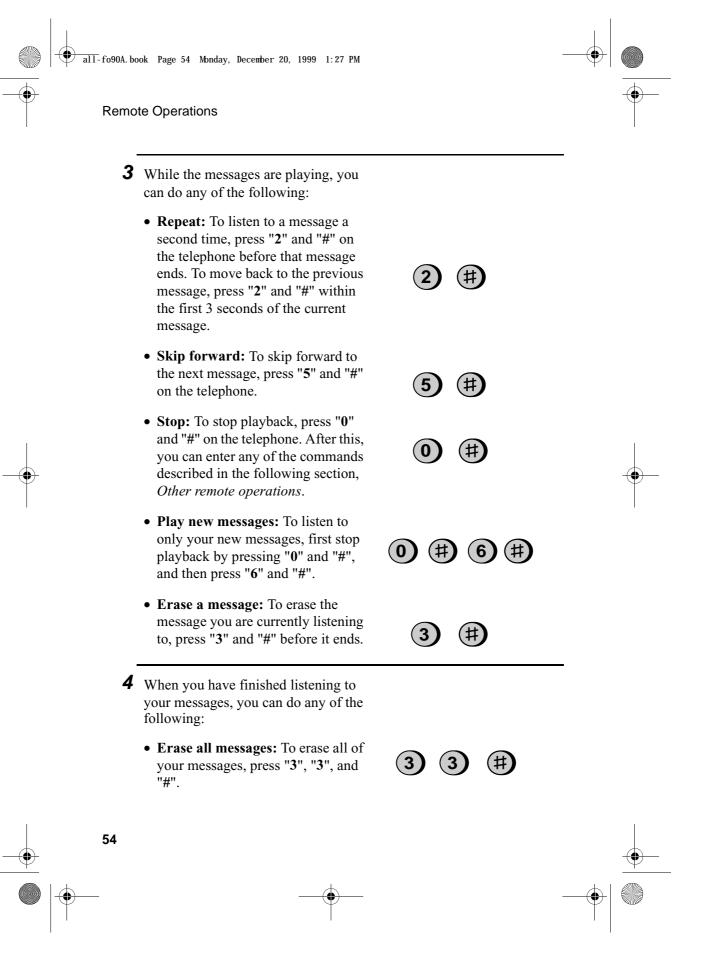
- Call the FO-90 from a touch-tone telephone. When your outgoing message begins, press the "#" key on the telephone.
 - You will hear a short beep, and the outgoing message will stop.
- **2** Enter your remote code number and then # by pressing the keys on the telephone.
 - You will hear a series of beeps equal to the number of messages recorded, or one long beep if four or more messages have been received. The machine will then play back the messages, beeping once at the end of each message. When all messages have been played back, you will hear a long beep.
 - If no messages have been received, you will hear a short beep. You can either hang up, or perform any of the operations described in the following section, *Other remote operations*.





(Example)



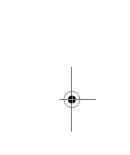


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- Repeat playback: To listen to your messages again, press "7" and "#".
- **Perform other operations:** You can enter any of the commands described in the following section, *Other remote operations.*
- Hang up: If you do not erase your messages first, they will be saved and any new messages will be recorded after them. If you want the FO-90 to resume normal operation immediately, press "★" twice before hanging up (in some cases, particularly when the Transfer function is used, the FO-90 may not accept new calls for one or two minutes after you hang up unless you first press "★" twice).

Comments:

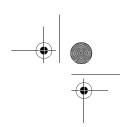
- When a remote command is accepted by the machine, you will hear one beep. If an incorrect command is entered, you will hear four beeps. In the latter case, re-enter the correct command.
- When entering a command, do not pause longer than 10 seconds between each digit. If you do, a 4-beep error signal will be issued and the digits entered up to that point will be disregarded. In this case, re-enter the command from the beginning.
- If you make two errors (causing two 4-beep signals to be issued) while entering your remote code number, the line will be disconnected. This prevents unauthorized people from attempting to guess your remote code number.
- If you pause for longer than 10 seconds before entering a command, you will be disconnected.



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Remote Operations

Other remote operations

After listening to your messages, you can do any of the operations described below by pressing the appropriate keys on the telephone.

Note: The following commands cannot be entered while messages are being played back. If you do not want to wait until playback ends to enter a command, first stop playback by pressing "**0**" and "#", and then enter the command.

Changing the fax reception mode

Select a new reception mode by pressing the keys as follows:

- A.M. mode: "8", "1", and "#".
- FAX mode: "8", "2", and "#".
- **TEL mode:** "8", "3", and "#". **Caution:** In TEL mode, you will not be able to further change the reception mode.
- TEL/FAX mode: "8", "4", and "#".

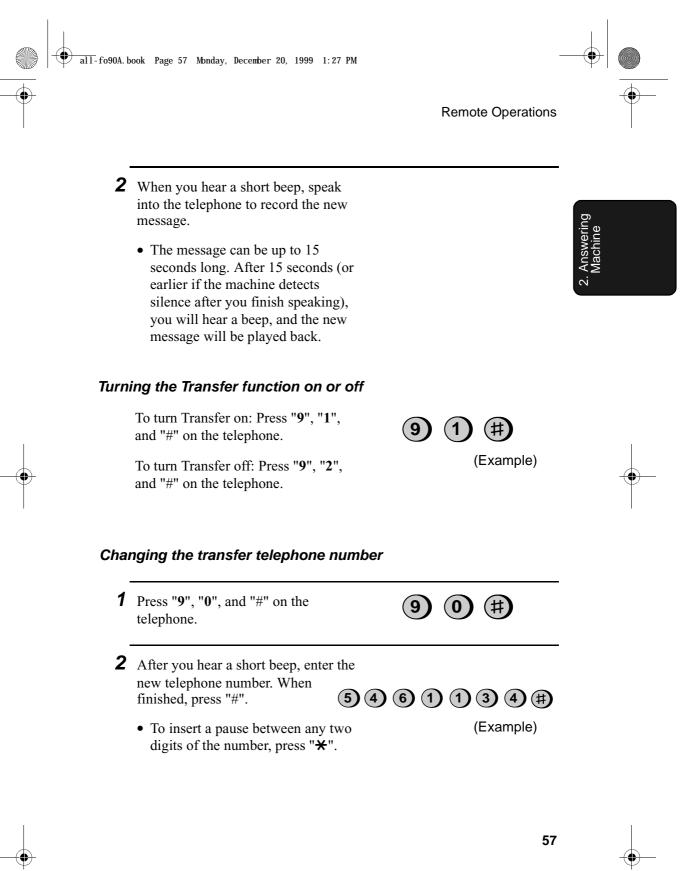
(Example)

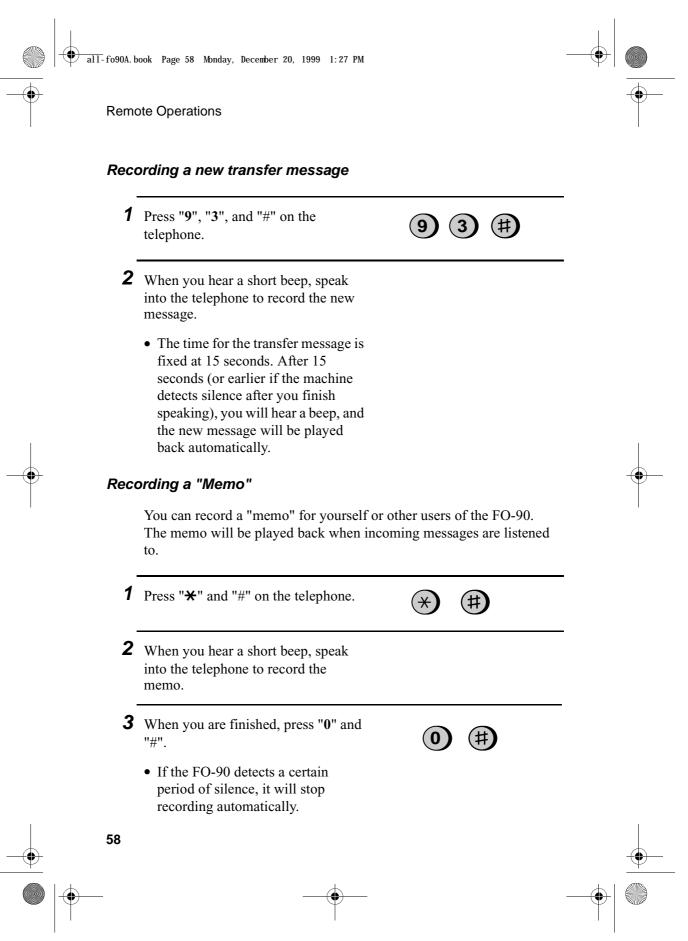
Recording a new outgoing message

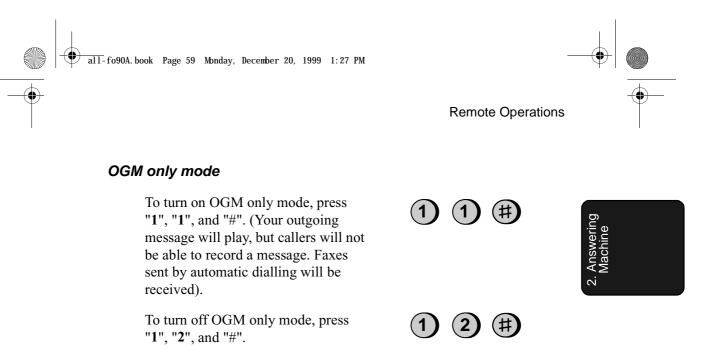
1 Press "4" and " \star " on the telephone.

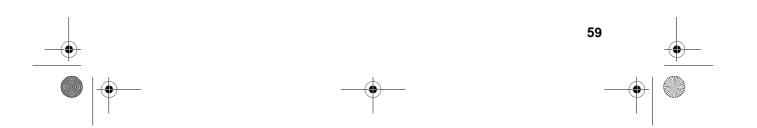












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3. Sending Documents

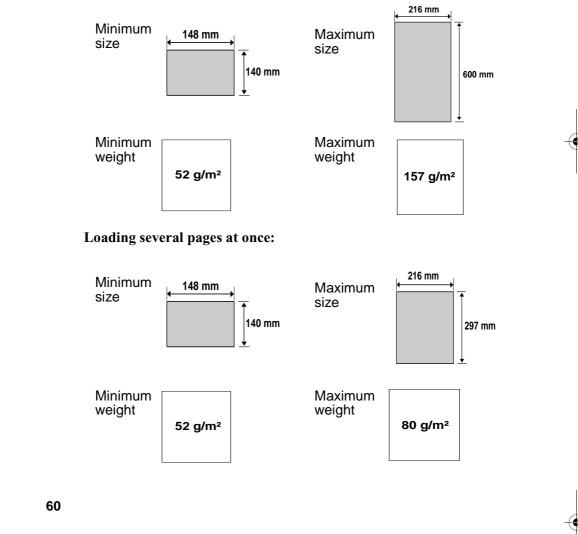
Transmittable Documents

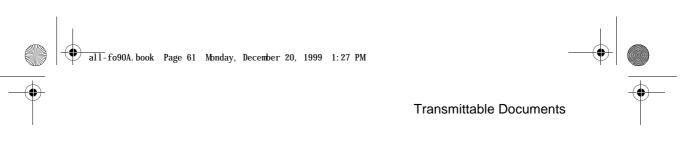
Size and weight

•

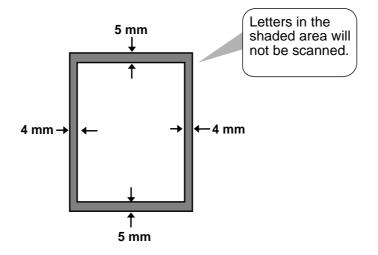
The size and weight of documents that you can load in the document feeder depend on whether you load one page at a time or several pages at once.

Loading one page at a time:





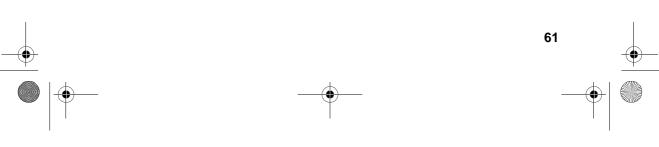
Note: Letters or graphics on the edges of a document will not be scanned.



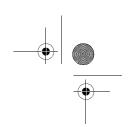


Other restrictions

- The scanner cannot recognize yellow, greenish yellow, or light blue ink.
- Ink, glue, and correcting fluid on documents must be dry before they pass through the document feeder.
- All clips, staples, and pins must be removed from documents before loading in the feeder. If these are not removed, they may damage the machine.
- Documents which are patched, taped, torn, smaller than the minimum size, carbon backed, easily smudged, or have a slippery coated surface should be photocopied, and the copy loaded in the feeder.



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Loading the Document

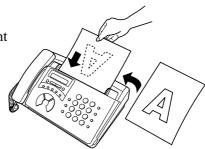
Loading the Document

Up to 5 pages can be placed in the feeder at one time. The pages will automatically feed into the machine starting from the bottom page.

- If you need to send or copy more than 5 pages, place the additional pages gently and carefully in the feeder just before the last page is scanned. Do not try to force them in, as this may cause double-feeding or jamming.
- If your document consists of several large or thick pages which must be loaded one at a time, insert each page into the feeder as the previous page is being scanned. Insert gently to prevent doublefeeding.
- **1** Adjust the document guides to the width of your document.

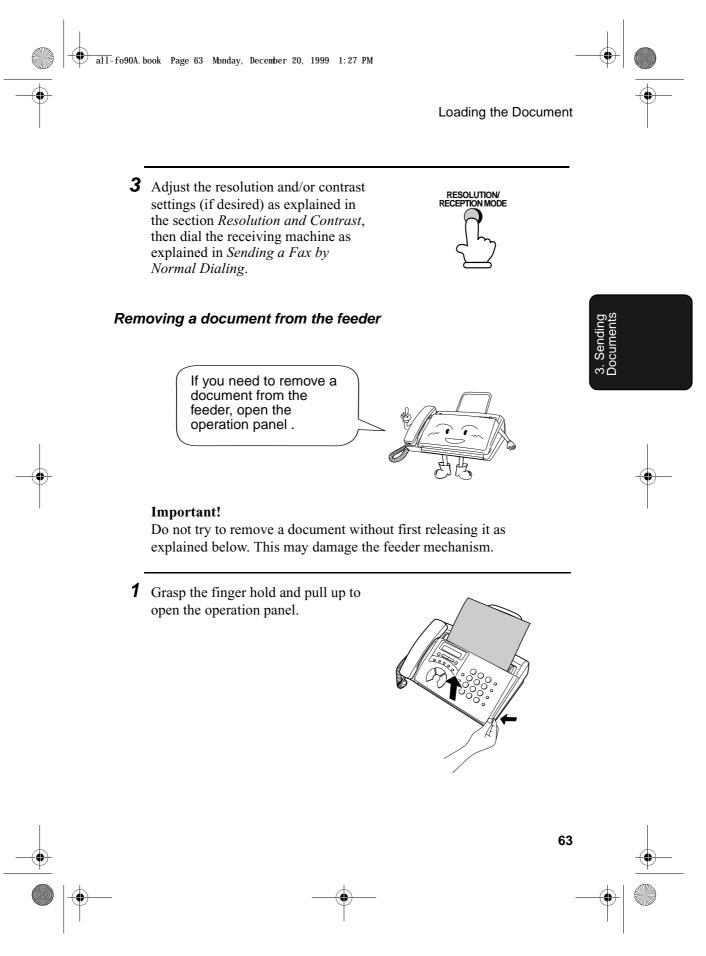
- **2** Place the document face down and push it gently into the document feeder. The top edge of the document should enter the machine first.
 - The feeder will draw the leading edge of the document into the machine. The display will show:

READY TO SEND

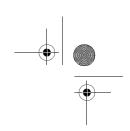




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Loading the Document

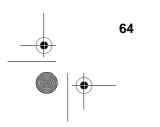
2 Remove the document.

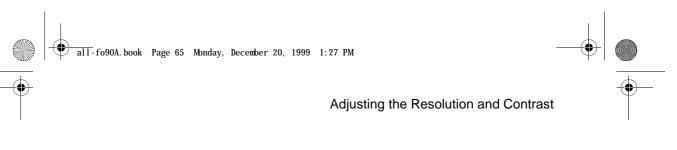


3 Close the operation panel.

• Press down on both front corners of the panel to make sure it clicks into place.

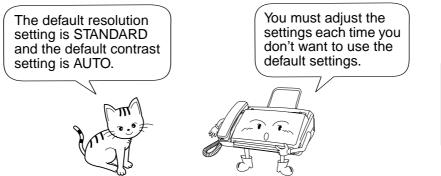






Adjusting the Resolution and Contrast

If desired, you can adjust the resolution and contrast before sending a document.





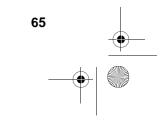
Note: The resolution and contrast settings are only effective for sending a document. They are not effective for receiving a document.

Resolution settings

STANDARD	Use STANDARD for ordinary documents. This setting gives you the fastest and most economical transmission.
FINE	Use FINE for documents containing small letters or fine drawings.
SUPER FINE	Use SUPER FINE for documents containing very small letters or very fine drawings.
HALF TONE	Use HALF TONE for photographs and illustrations. The original will be reproduced in 64 shades of gray.

Contrast settings

AUTO	Use AUTO for normal documents.
DARK	Use DARK for faint documents.



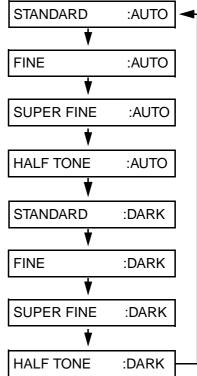
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Adjusting the Resolution and Contrast

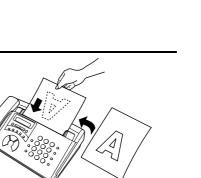
1 Load the document(s).

- The document must be loaded before the resolution and contrast can be adjusted.
- 2 Press the RESOLUTION/ RECEPTION MODE key one or more times until the desired resolution and contrast settings appear in the display.
 - The first time you move through the list of resolution settings, the contrast setting AUTO will appear next to each resolution setting. The second time you move through the list, the contrast setting DARK will appear.

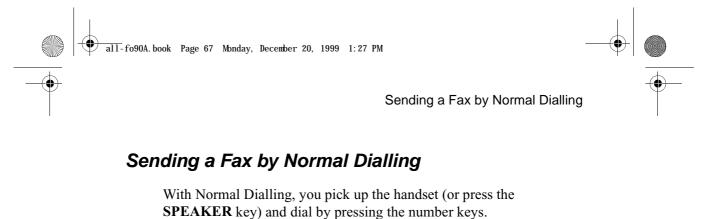
RESOLUTION/ RECEPTION MODE



Note: In order to transmit in SUPER FINE resolution, the receiving fax machine must also have that resolution. If it doesn't, your machine will automatically step down to the next best available setting.



66



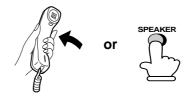
If a person answers, you can talk with them through the handset

- If a person answers, you can talk with them through the handset before sending the fax. (If you pressed the **SPEAKER** key, you must pick up the handset to talk.)
- Normal Dialling allows you to listen to the line and make sure the other fax machine is responding.
- **1** Load the document(s).

The display will show:

READY TO SEND

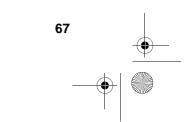
- Set the resolution and/or contrast if desired.
- **2** Pick up the handset or press the **SPEAKER** key. Listen for the dial tone.

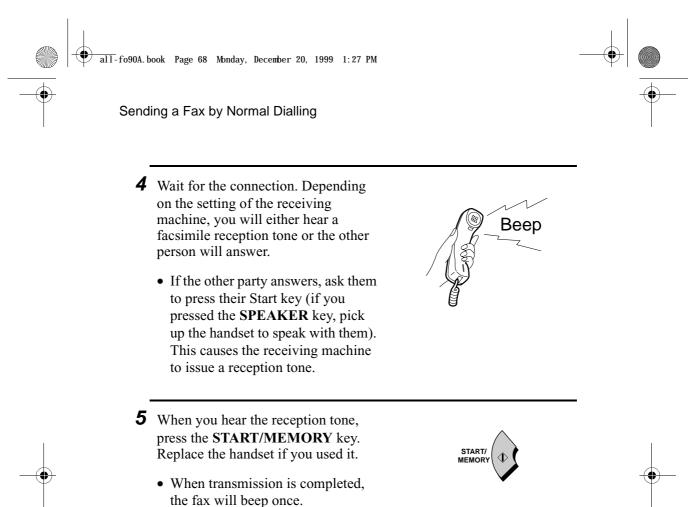


3 Dial the number of the receiving machine by pressing the number keys.



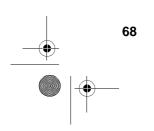






Using the REDIAL key

You can press the **REDIAL** key to redial the last number dialed. To send a document, press the **START/MEMORY** key when you hear the fax tone after the connection is made. Note that the speaker is automatically activated when you press the **REDIAL** key.

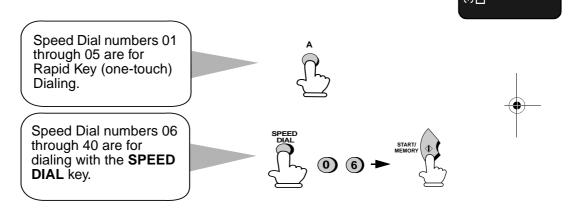


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Sending a Fax by Automatic Dialling

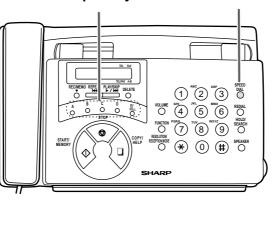
You can dial a fax or telephone number by simply pressing a Rapid Key, or by pressing the **SPEED DIAL** key and entering a two-digit number.

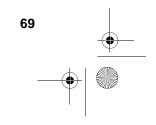
- To use Automatic Dialling, you must first store the full fax or telephone number in your fax machine.
- When you store a fax or telephone number, you select a two-digit Speed Dial number for it. 40 Speed Dial numbers are available.

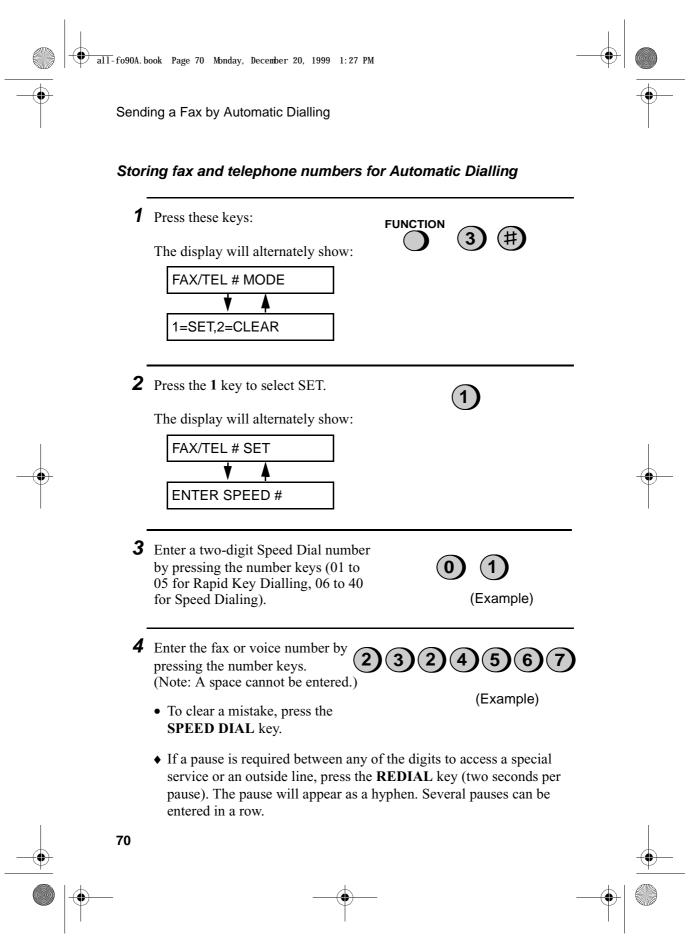


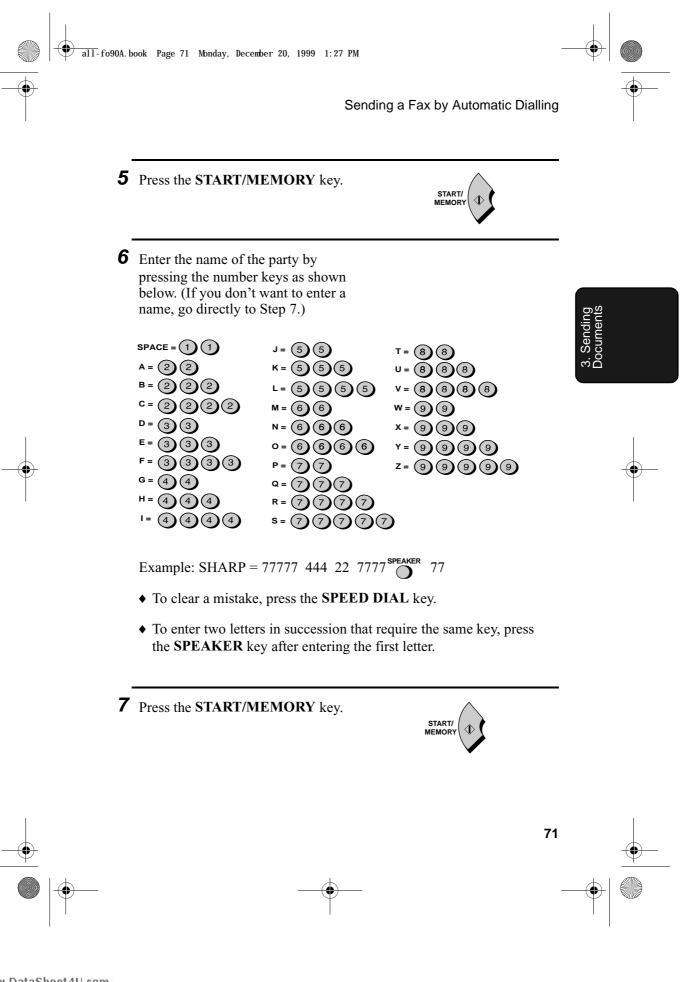
Rapid Keys

SPEED DIAL key

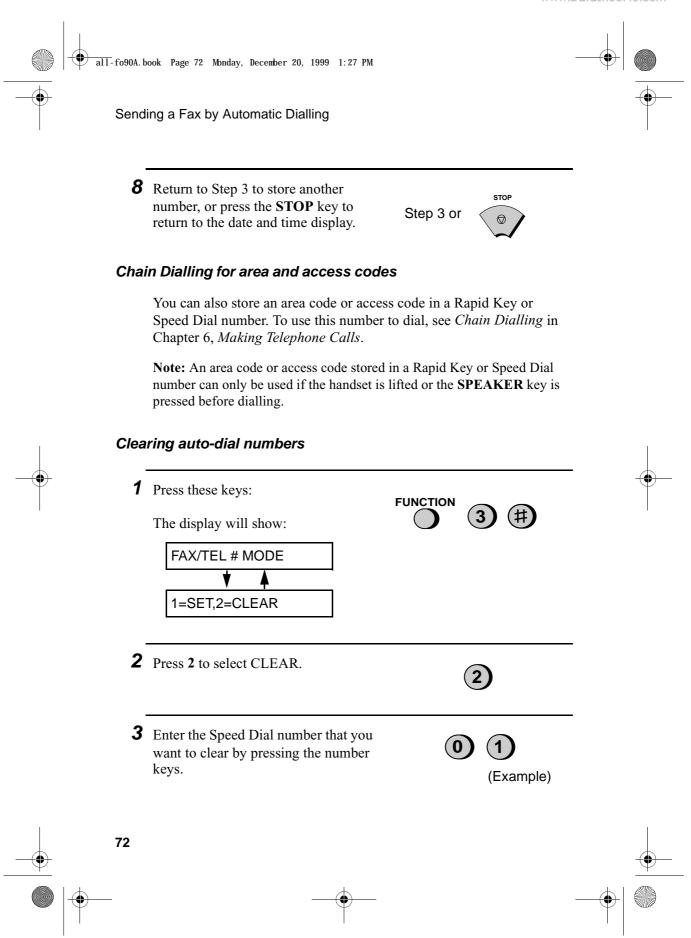






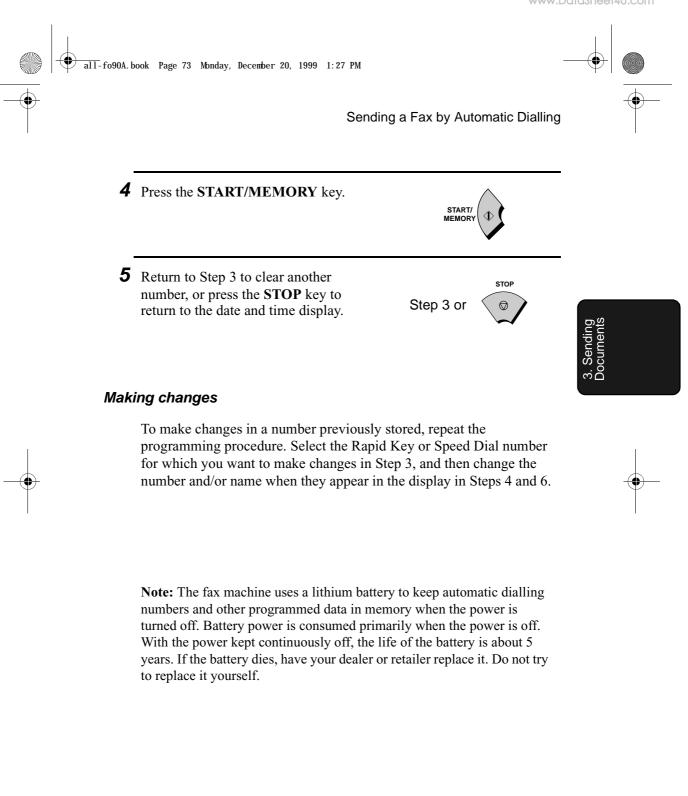


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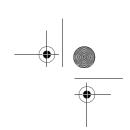
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Sending a Fax by Automatic Dialling

Rapid Key Dialling

If the number you want to dial has been stored for Automatic Dialling as a Speed Dial number from 01 to 05, you can dial it by pressing the corresponding Rapid Key.

1 Load the document(s).

The display will show:

READY TO SEND

- Set the resolution and/or contrast if desired.



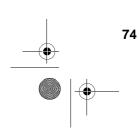
2 Press the Rapid Key for the desired Speed Dial number as follows:

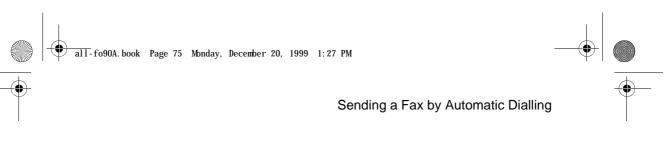
Speed Dial 01: Rapid Key A Speed Dial 02: Rapid Key B Speed Dial 03: Rapid Key C Speed Dial 04: Rapid Key D Speed Dial 05: Rapid Key E

- The name of the receiving party will appear in the display. If no name was stored, the fax number will appear. (If the name or number is incorrect, press the **STOP** key.)
- The document will be automatically transmitted once the connection is established.



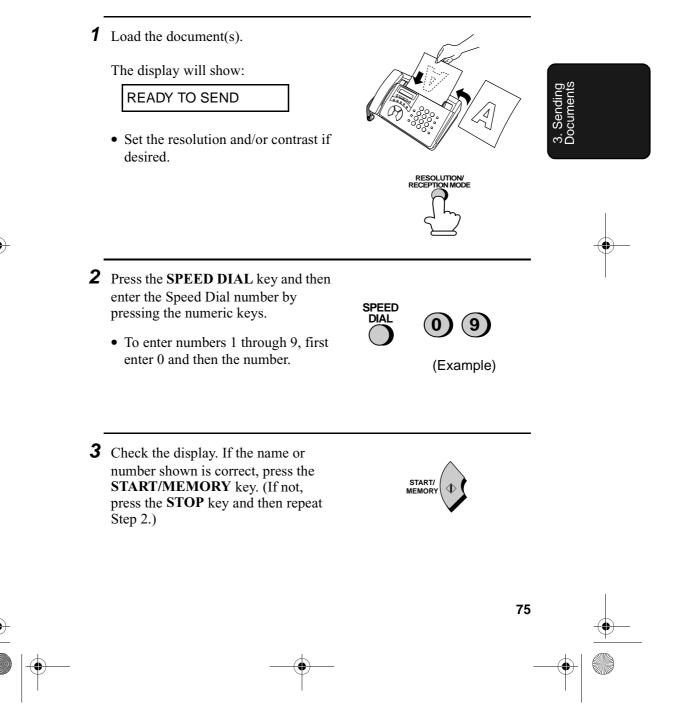
Example: To dial Speed Dial number 01, press Rapid Key A.



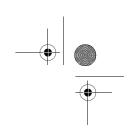


Speed Dialling

Speed Dialling can be used to dial any number that has been stored for Automatic Dialling.



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Sending a Fax by Automatic Dialling

Direct Keypad Dialling

You can also enter a full number with the number keys and then press the **START/MEMORY** key to begin dialling. You can use this method to dial a full number when you don't need to speak to the other party before faxing.

1 Load the document(s).

The display will show:

READY TO SEND

- Set the resolution and/or contrast if desired.
- 2 Enter the number of the receiving machine by pressing the numeric keys.
 - If a pause is required between any of the digits to access a special service or an outside line, press the **REDIAL** key. The pause will appear as a hyphen. Several pauses can be entered in a row.
- **3** Check the display. If the number of the receiving machine shown is correct, press the **START**/ **MEMORY** key.
 - If it is not correct, press the **STOP** key to backspace and clear one digit at a time, and then re-enter the correct digit(s).



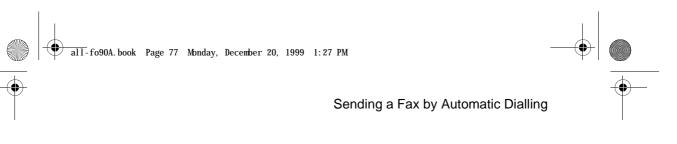
(Example)

4



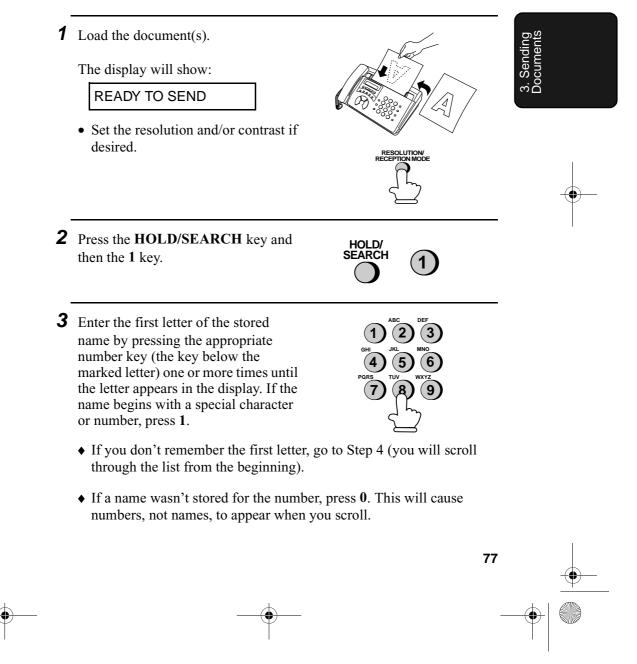
76

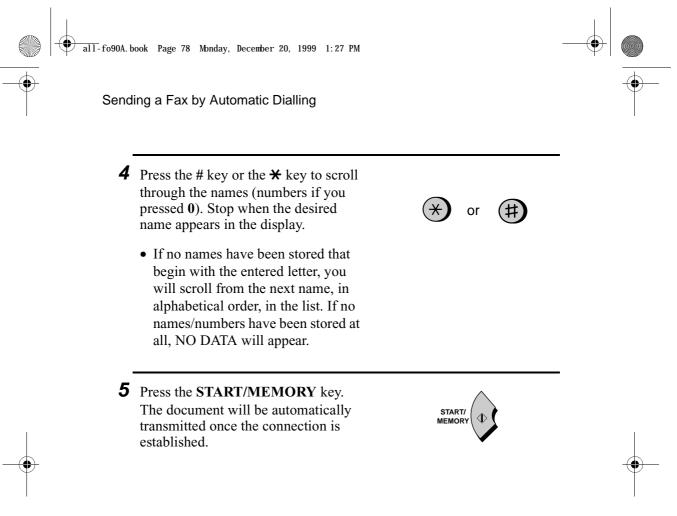
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Searching for an auto-dial number

If you don't remember the Rapid Key or Speed Dial number in which you have programmed a particular fax number, you can search for the number by following the steps below. Once you have found the number, you can dial and transmit the loaded document by simply pressing the **START/MEMORY** key.

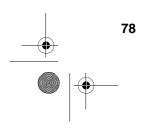


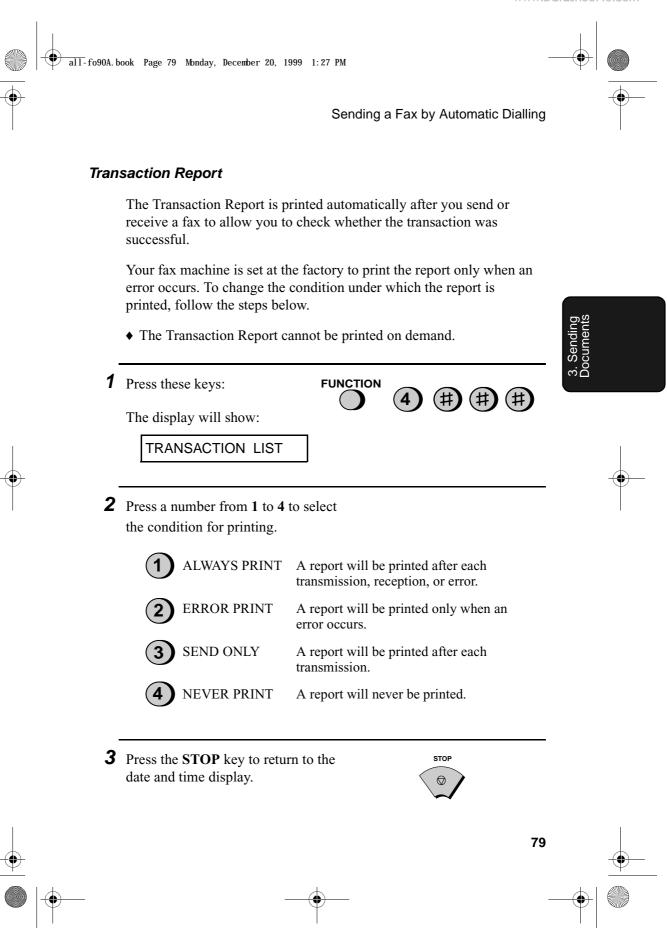


Automatic redialling

If you use automatic dialling (including Direct Keypad Dialling) and the line is busy, the fax machine will automatically redial the number. The fax machine will make 2 redialling attempts at an interval of 5 minutes.

• To stop automatic redialling, press the **STOP** key.





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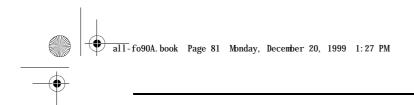
 (\bullet)

Sending a Fax by Automatic Dialling

												ΤF	R A	NS	A١	СT	I 0	N	R	ΕP	O R	? T) E	r	A 81		2.0	0.0	,	0:	2.0	
			F	O R	;	J٥	hn	D	0 e	С	0 r	p.								2 0	1	5 5					20	00		. U •	31	,
D	ATE	1	ST	A R '	T		R	ЕC	ΕI	VE	R									P A I	G E	S		ΤI	МE			N	01	Ъ.		
25	-JA	N	10	: 3	0		J	AC	K	JO	N E	S									0)	*	*'	* *	"		СA	N C	EL		

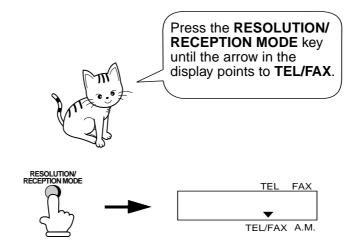
Explanation of headings

	SENDER/ RECEIVER	The fax number of the other machine involved in the transaction. If this machine does not have an ID function, the communication mode will appear (for example, "G3").
	PAGES	Number of pages transmitted or received.
	NOTE	OK - Transmission/reception was normal.
		P.FAIL - A power failure occurred. If you have power and the problem persists, try a different outlet. If necessary, have an electrician check your power lines.
		JAM - A problem with the paper or original document occurred. Make sure the paper or document is loaded properly. Make sure the operation panel is shut securely.
		NO PAPER - You ran out of paper during reception.
		COM.E-0 to COM.E-7 - A telephone line error prevented the transaction. See <i>Line Error</i> in Chapter 10.
		CANCEL - Transmission was cancelled because the STOP key was pressed, no document was in the feeder, or the other machine requested transmission using a function which your fax does not have. If you were attempting to fax, make sure a document is in the feeder. If you were receiving, contact the faxing party to see how they are trying to send to you.
80		



4. Receiving Documents

Using TEL/FAX Mode



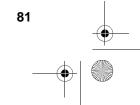
When the reception mode is set to TEL/FAX, your fax machine automatically answers all calls on two rings. After answering, your fax monitors the line for about five seconds to see if a fax tone is being sent.

- If your fax machine detects a fax tone (this means that the call is an automatically dialled fax), it will automatically begin reception of the incoming document.
- If your fax machine doesn't detect a fax tone (this means that the call is a voice call or manually dialled fax), it will make a ringing sound (called pseudo ringing) for 30 seconds to alert you to answer. If you don't answer within this time, your fax will send a fax tone to the other machine to allow the calling party to send a fax manually if they desire.

Comments:

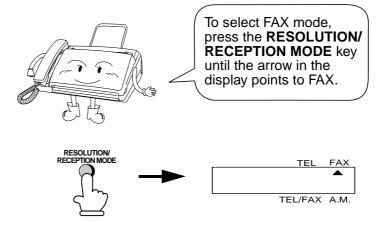
Only the fax will alert you to voice calls or manually dialled faxes by pseudo ringing. An extension phone connected to the same line will not ring after the connection has been made.



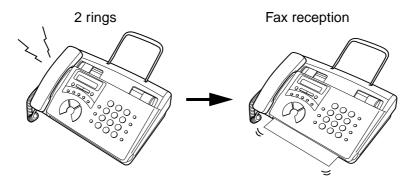


Using FAX Mode

Using FAX Mode

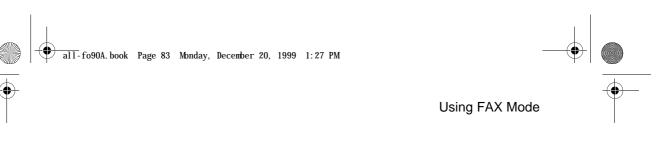


When the reception mode is set to FAX, the fax machine will automatically answer all calls on two rings and receive incoming faxes.



• If you pick up the handset before the machine answers, you can talk to the other party and/or receive a document as explained in *Using TEL mode*.



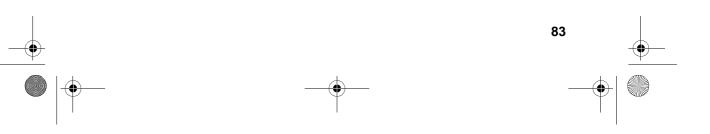


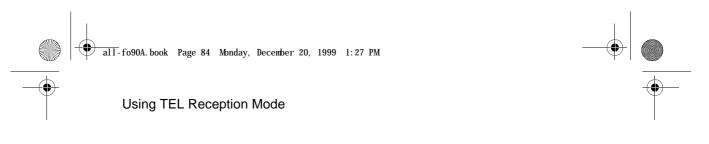
Changing the number of rings

If desired, you can change the number of rings on which the fax machine answers incoming calls in FAX and FAX/TEL modes. Any number from 2 to 5 can be selected.

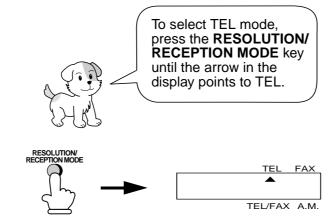
1 Press these keys:	FUNCTION	
The display will show:		
NUMBER OF RINGS		eiving nents
2 Enter the desired number of rings (any number from 2 to 5).	3	4. Receiving Documents
The display will show:	Example: 3 rings	
TEL/FAX REMOTE #		
3 Press the STOP key to return to the date and time display.	STOP	

Note: If you are using duplex ring, the machine will answer incoming calls after two rings regardless of the above setting.





Using TEL Reception Mode



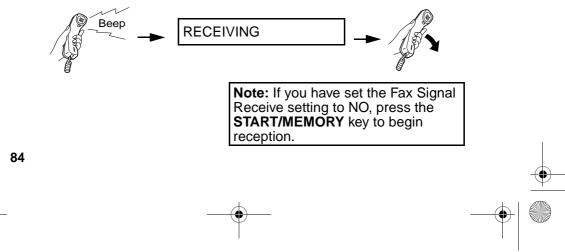
When the reception mode is set to TEL, you must answer all calls by picking up the fax machine's handset or an extension phone connected to the same line.

Answering with the fax's handset

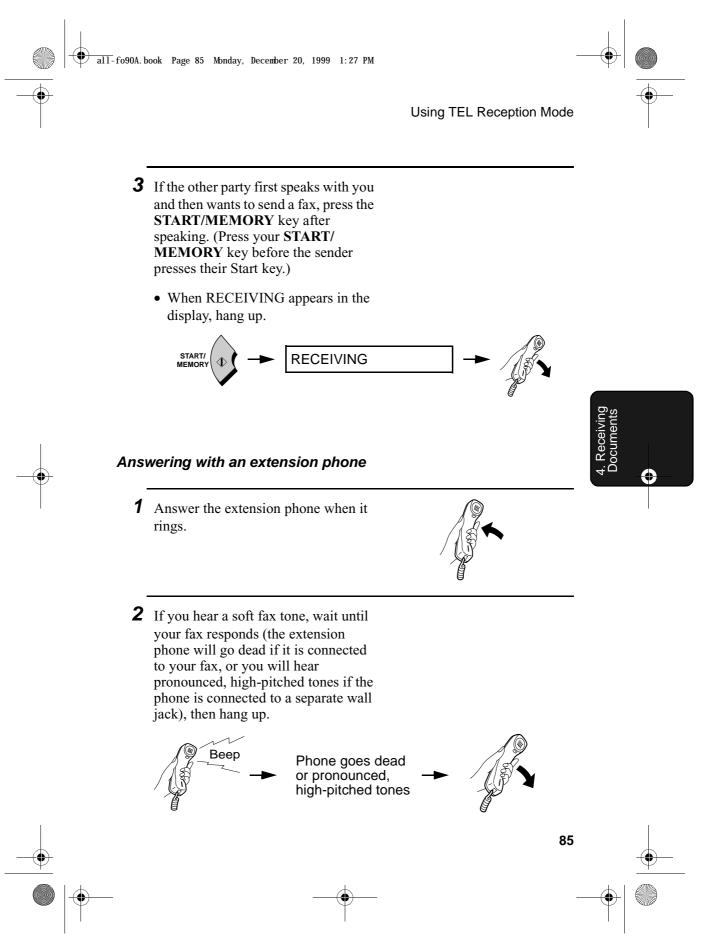
1 When the fax machine rings, pick up the handset.



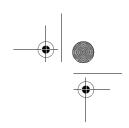
2 If you hear a fax tone, wait until the display shows RECEIVING and then replace the handset.



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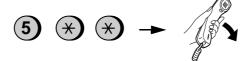


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Using TEL Reception Mode

3 If the fax doesn't respond, or if the other party first talks to you and then wants to send a fax, press 5, \bigstar , and \bigstar on the extension phone (only on a tone dial phone). This signals the fax to begin reception. Hang up.



Comments:

- Your fax will not accept the signal to begin reception $(5 \times \times)$ if a document is loaded in its feeder.
- ◆ If you have set the Fax Signal Receive setting to NO, press 5, ★, and \bigstar on the extension phone to begin reception.

Changing the number for remote fax activation

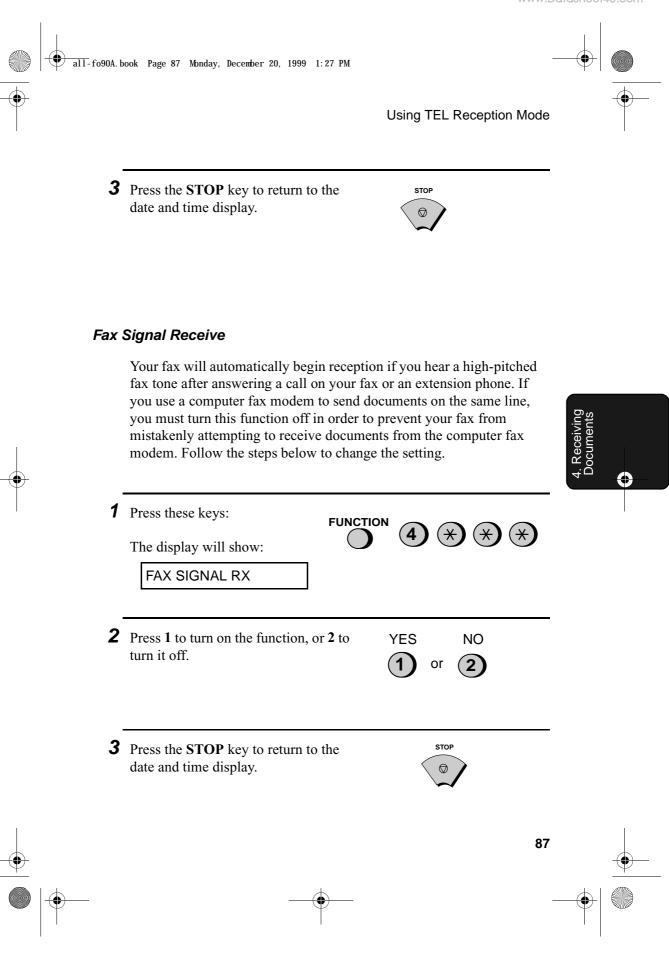
If desired, you can use a number other than 5 to activate fax reception from an extension telephone. You can select any number from 0 to 9.

FUNCTION

1 Press these keys:

The display will show:

TEL/FAX REMOTE # **2** Press a number from 0 to 9. (Example) 86



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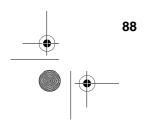
Substitute Reception to Memory

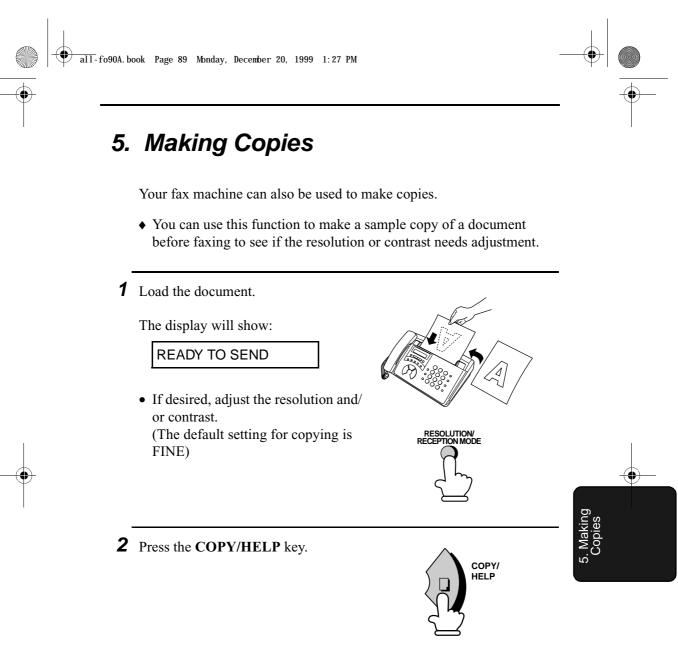
Substitute Reception to Memory

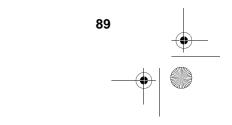
In situations where printing is not possible, such as when your fax runs out of paper, the imaging film needs replacement, or the paper jams, incoming faxes will be received to memory.

When you have received a document in memory, FAX RX IN MEMORY will appear in the display, alternating with OUT OF PAPER or PAPER JAMMED. When you add paper or clear the jam, the stored documents will automatically print out.

• If you received documents in memory because the fax ran out of paper, be sure to add paper which is the same size as the paper previously used. If not, the document print-out size may not match the size of the printing paper.







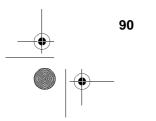
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6. Making Telephone Calls

Your fax machine can be used like a regular telephone to make and receive voice calls.

- To make or receive a voice call, the power must be on.
- 1 Pick up the handset or press the **SPEAKER** key. Listen for the dial tone.
- **2** Dial the number using one of the following methods:
 - Normal Dialling: Enter the full telephone number with the numeric keys.
 - **Rapid Key Dialling:** Press the appropriate Rapid Key.
 - Speed Dialling: Press the SPEED DIAL key, and enter the 2-digit Speed Dial number with the numeric keys.
- **3** Speak with the other party when they answer.
 - If you pressed the **SPEAKER** key, pick up the handset to talk.

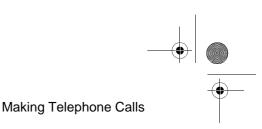






or

Example: Press Rapid Key A



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Chain Dialling

After lifting the handset, you can dial any combination of Normal Dialling, Rapid Key Dialling and Speed Dialling numbers. For example, if you have stored an area code or an access code for a special service in a Rapid Key, you can press the Rapid Key for that area code or access code, then dial the remainder of the number by pressing a Rapid Key, pressing number keys, or pressing the SPEED DIAL key and entering a two-digit Speed Dial number.

Searching for an auto-dial number

You can use the HOLD/SEARCH key to search for a Rapid Key or Speed Dial number. First search for the number as described in Searching for an auto-dial number in Sending a Fax by Automatic Dialing in Chapter 3, then pick up the handset or press the SPEAKER key. The number will be dialed automatically (do not press the START/MEMORY key).

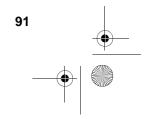
Redial

The last number dialed can be redialed by pressing the **REDIAL** key (it is not necessary to pick up the handset or press the SPEAKER key). When the other party answers, pick up the handset to talk.

Hold

You can put the other party on hold during a conversation by pressing the **HOLD/SEARCH** key. When this is done, they cannot hear you. You can put the handset back in the cradle without breaking the connection. When you are ready to speak with them again, pick up the handset. If you did not put the handset back in the cradle, press the HOLD/SEARCH key again to resume conversation.



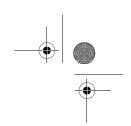


www.DataSheet4U.com all-fo90A.book Page 92 Monday, December 20, 1999 1:27 PM 7. Special Functions Caller ID (Requires Subscription to Service) If you subscribe to a caller identification service from your telephone company, you can set your fax machine to display the name and number of the caller while the fax rings. **Important:** • To use this function, you must subscribe to a caller identification service from your telephone company. • Your fax may not be compatible with some caller identification services. **1** Press these keys: FUNCTION The display will show: **OPTION SETTING** PRESS * OR # **2** Press the \bigstar key once. × The display will show: CALLER-ID

1=YES,2=NO

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			Caller ID		•
3	Press 1 to turn on Caller ID, or 2 to turn it off.	YES 1 or	NO 2		
4	Press 1 if you are in Australia or 2 if you are in New Zealand.	AUSTRALIA N	IEW ZEALAND		
5	Press the STOP key to return to the date and time display.	STOP	,		
				7. Special Functions	
			93		—
•			_		

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Caller ID

How Caller ID operates

When you receive a call, the name and phone number of the caller will alternately appear in the display, beginning just before the second ring. The information will continue to be displayed until the line is disconnected.

Note: Some caller ID services may not provide the name of the caller. In this case, only the phone number will appear.

Display example



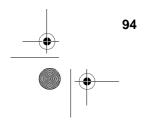
Caller's name

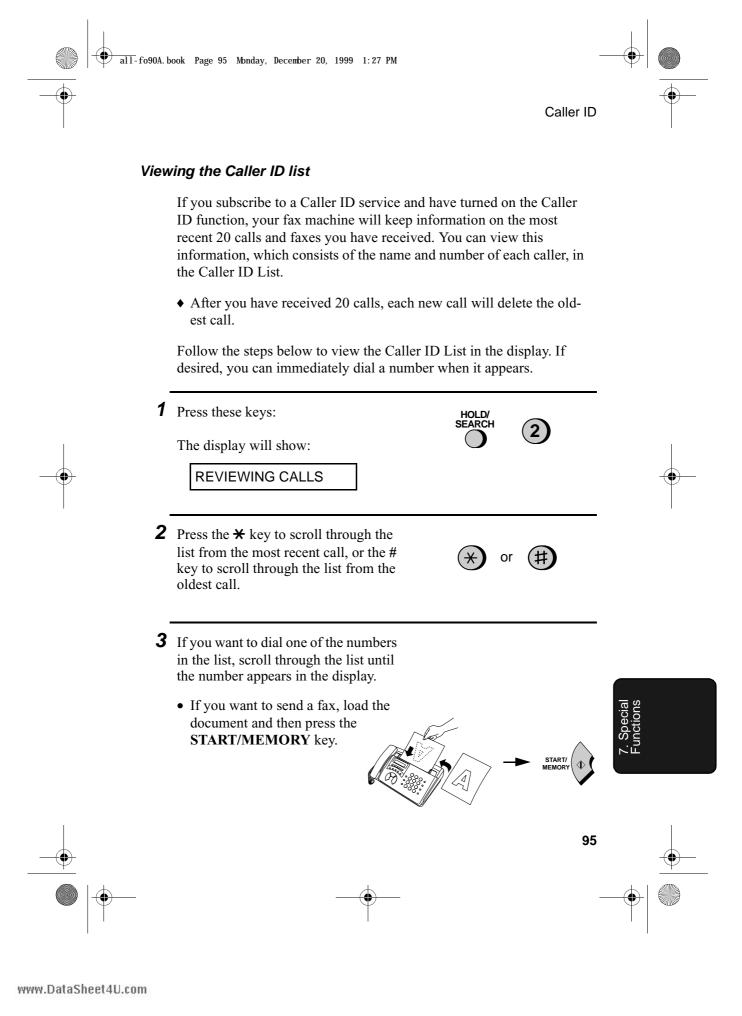
Caller's number

Display messages

One of the following messages will appear while the fax rings if caller information is not available.

NO SERVICE	No caller information was received from your telephone company. Make sure that the telephone company has activated your service.
CALLER-ID ERROR	Noise on the telephone line prevented reception of caller information.
OUT OF AREA	The call was made from an area which does not have a caller identification service, or the caller's service is not compatible with that of your local phone company.
PRIVATE CALL	Caller information was not provided by the telephone company at the caller's request.





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Caller ID

• If you want to make a voice call, pick up the handset or press the **SPEAKER** key. Dialling will begin automatically. (If you pressed the **SPEAKER** key, pick up the handset when the other party answers.)



STOP

4 Press the **STOP** key when you have finished viewing the list.

To delete calls from the Caller ID list

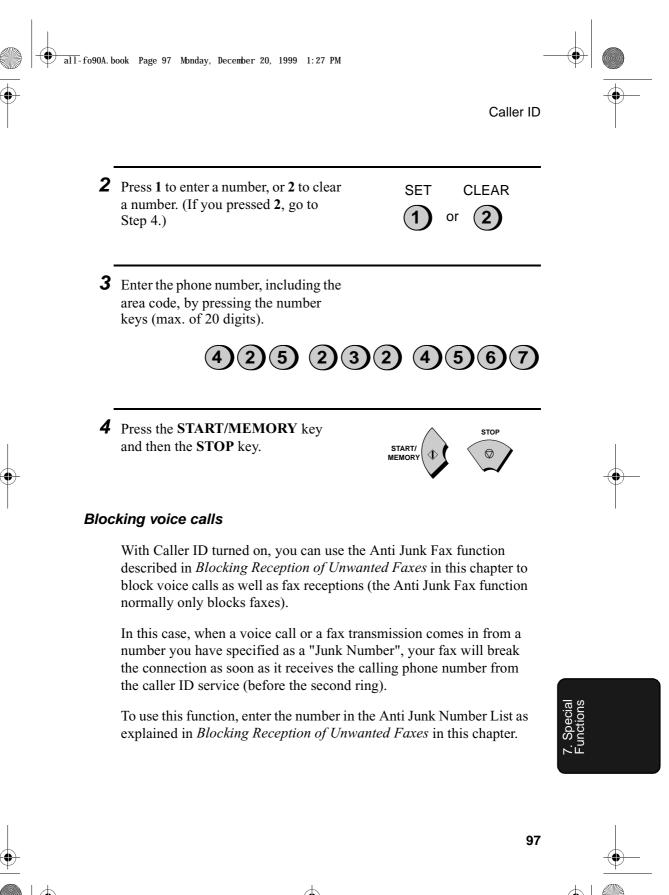
If you want to delete a single call from the caller list, press the 0 key while the call appears in the display. If you want to delete all calls from the list, hold the 0 key down for at least 3 seconds while you are viewing any number in the list.

Priority Call

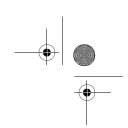
If desired, you can set your fax to make a special ringing sound when you receive a call from a designated phone number. This lets you know immediately who is calling without having to look at the display.

To use this function, enter the desired phone number by following the steps below (only one phone number can be entered).

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Distinctive Ring

Distinctive Ring (Requires Subscription to Service)

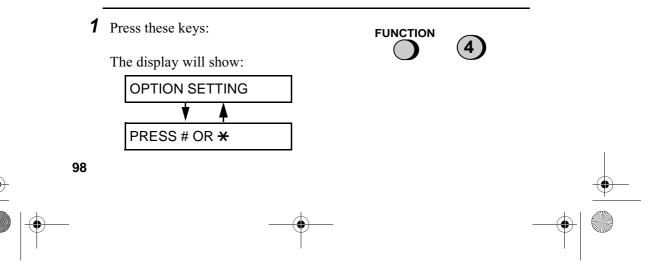
If you subscribe to a distinctive ring service from your telephone company, you will need to turn on the distinctive ring function. When this is done, your fax machine will signal voice calls by the normal ring pattern, and fax transmissions by a special ring pattern. In the case of a fax transmission, your fax machine will automatically answer the call and receive the fax.

The distinctive ring function is used with the reception mode set to FAX. When your fax number is dialled, your fax machine will signal the call with a special ringing sound, then answer automatically and begin reception after the Number of Rings setting (the factory setting is 2 rings). When your voice number is dialled, the fax machine will signal the call with the normal ringing sound to let you know that you must answer personally.

The factory setting is NO. If set to YES, both Australian (Fax Duet) and New Zealand (FaxAbility) Distinctive Ring are supported.

Important:

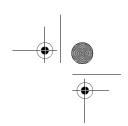
- The distinctive ring function can only be used if you subscribe to a distinctive ring service from your telephone company. Do not turn on distinctive ring if you are on a normal line, as the fax machine will not operate properly.
- If you turn on distinctive ring, the fax will not operate in TEL/FAX reception mode.



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all-fo90/	a.book Page 99 Monday, December 20, 1999 1:27 PM	Distinctive Ring	
2	Press these keys: The display will show: DISTINCTIVE RING	$(\ast) \ast) \ast) \ast) $	
	 Press 1 to turn on Distinctive Ring, or 2 to turn it off. The display will show: FAX SIGNAL RX 	YES NO 1 or 2	
	Press the STOP key to return to the date and time display.	STOP	•
:	5 Set the reception mode to FAX.	TEL FAX	7. Special Functions
		99	

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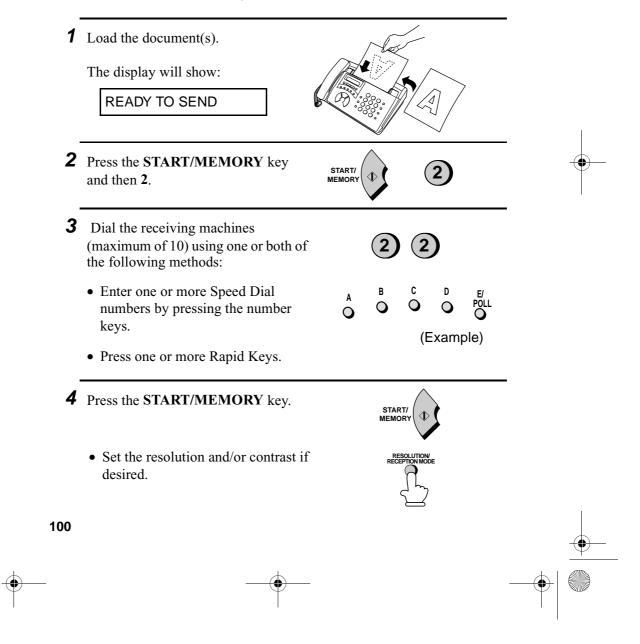


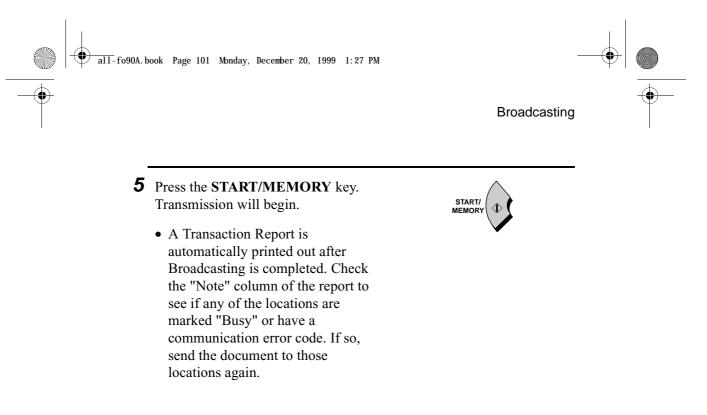
Broadcasting

Broadcasting

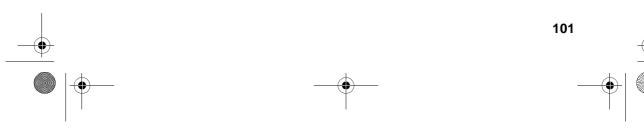
This function allows you to send the same document to as many as 10 different locations with just one operation. First store the document in memory, then enter the numbers of the receiving machines. The document will be transmitted to each location.

• You can only use Rapid Keys or Speed Dial numbers to dial the numbers of the receiving machines.









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Blocking Reception of Unwanted Faxes

Blocking Reception of Unwanted Faxes

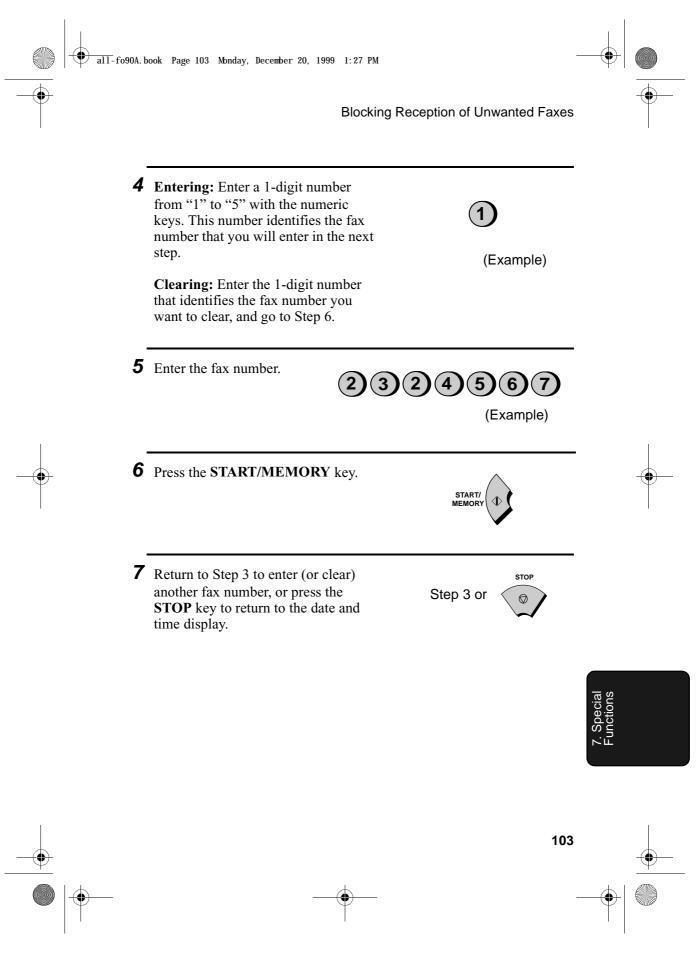
The Anti Junk Fax function allows you to block reception of faxes from parties which you specify. This saves paper by not printing out unwanted "junk" faxes.

To use this function, enter the fax numbers from which you do not want to receive faxes as shown below.

- Up to five numbers can be entered in the Anti Junk Number List.
- To clear a number from the Anti Junk Number List, you need to know the 1-digit number which identifies it. If you have forgotten this number, print out the Anti Junk Number List as explained in Chapter 8.

1	Press these keys:	FUNCTION	_
	The display will show:	$\bigcirc (3)$	
	ENTRY MODE		
2	Press the 🗙 key twice.		_
	The display will show:	(*) (*)	
	STORE JUNK #		
	↓ ↓ 1=SET,2=CLEAR		
3	Press 1 to enter a number in the Anti Junk Number List, or 2 to clear a	SET CLEAR	_
	number from the list.	(1) or (2)	
102			
-			<u> </u>
•			

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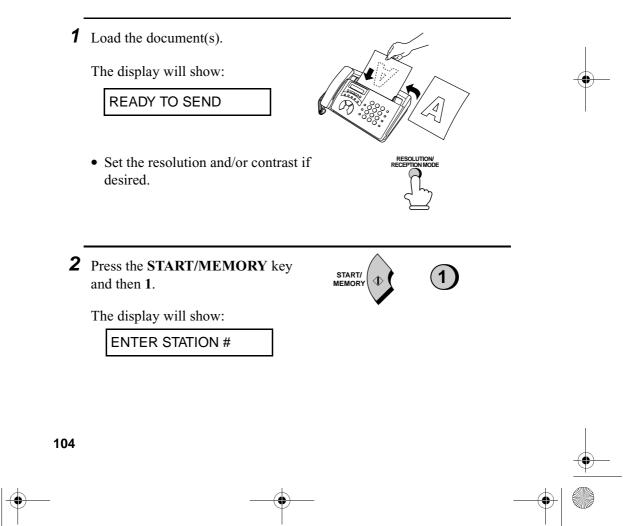
all-fo90A.book Page 104 Monday, December 20, 1999 1:27 PM

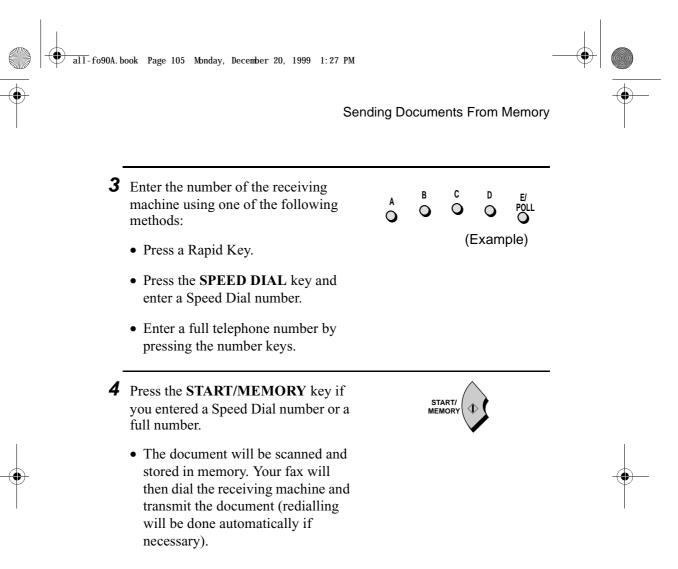
Sending Documents From Memory

Sending Documents From Memory

With this function, the original document is scanned immediately, stored in memory, and then transmitted once the connection to the receiving machine is made. This is convenient when transmitting to places where the line is often busy, as it saves you from waiting to pick up the original document and frees the feeder for other operations. After transmission, the document will be cleared from memory.

- Only one memory transmission can be set at a time.
- The amount of memory currently occupied appears as a percentage in the display while the document is being scanned.

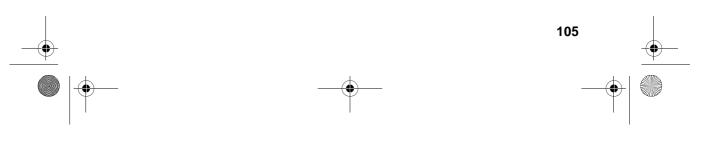




If the memory becomes full...

If the memory becomes full while the document is being scanned, MEMORY IS FULL will appear in the display.

- Press the START/MEMORY key if you want to transmit the pages which have been stored up to that point in memory. The remaining pages will be ejected from the feeder. After transmission, the memory will be cleared and you can transmit the remaining pages. You will also need to transmit the page which was being scanned when the memory filled up.
- Press the **STOP** key if you want to cancel the entire transmission.



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Polling (Requesting a Fax Transmission)

Polling (Requesting a Fax Transmission)

Polling allows you to call another fax machine and have it send a document (previously loaded in its feeder) to your machine without operator assistance. In other words, the receiving fax machine, not the transmitting fax machine, initiates the transmission.

To use the polling function, you must first set Rapid Key E/POLL for use as a polling key.

• When Rapid Key E/POLL is set as a polling key, it cannot be used for Rapid Key dialling.

Press these keys: The display will show: POLLING	
Press 1 to turn on the function, or 2 to turn it off.	YES NO 1 or 2
Press the STOP key to return to the date and time display.	STOP



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Polling (Requesting a Fax Transmission)

Requesting transmission

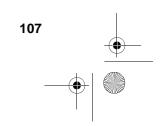
Note: Rapid Dial Keys cannot be used for polling. To dial a Rapid Dial location, press the **SPEED DIAL** key and then enter the 2-digit number corresponding to the Rapid Key.

- **1** Dial the fax machine you want to poll using one of the following methods:
 - Pick up the handset (or press the **SPEAKER** key) and dial the full number. Wait for the fax answerback tone.
 - Press the SPEED DIAL key and enter a 2-digit Speed Dial number.
 - Enter the full number using the numeric keys.
- **2** Press Rapid Key E/POLL.
 - If you used the handset, replace it when POLLING appears in the display. Reception will begin.



(Example)





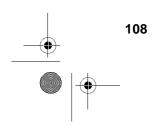
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8. Printing Lists

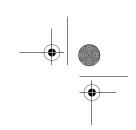
You can print the Telephone Number List showing the fax/telephone numbers you have stored for automatic dialling, and the Anti Junk Number List showing the numbers you are blocking.

To print a list, follow the steps below.

Press the FUNCTION key and 2.The display will show:LISTING MODE	FUNCTION 2	
2 Press the ★ key or # key until the desired list appears in the display.	× or	-(
3 Press the START/MEMORY key to print the list.	START/ MEMORY	



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Telephone Number List

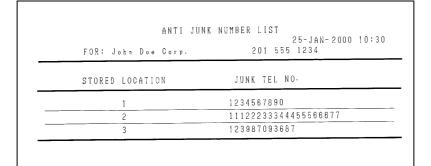
•

This list shows the fax numbers that have been programmed for automatic dialling.

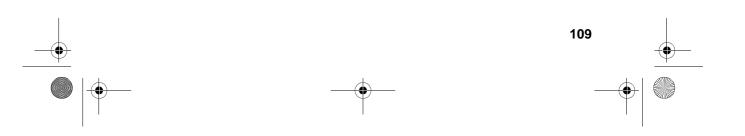
		TELEPHO	ONE NUMBER LIST
	FOR:	John Doe Corp.	25-JAN-2000 10:30 201 555 1234
SPEED N	0.	NAME	TELEPHONE NO.
01		N.Y.	1 2 3 - 7 8 5 - 6 3 4 0
02		JANE SMITH	258-942-7417
03		ABC TOOL	965-125-0546
04		JACK JONES	532-740-3341

Anti Junk Number List

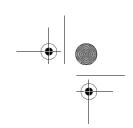
This list shows the numbers from which reception is not allowed.







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Printing Lists

A.M. Program List

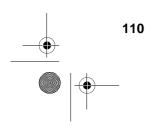
This list shows the settings and codes programmed for the answering machine.

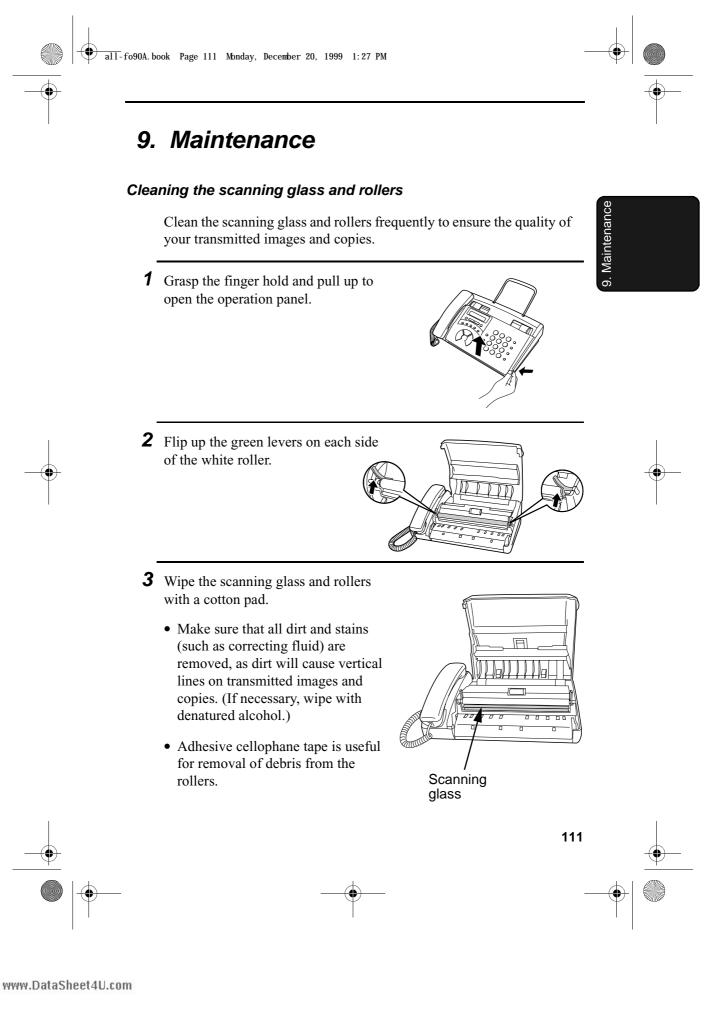
FOR:		OGRAM LIST	11-NOV-2000 04:46
ITEM		CONTENT	
OGM RECORDING		GENERAL :	RECORDED
		TRANSFER:	RECORDED
TOLL SAVER		YES	
RECORDING TIME		4 MIN.	
REMOTE CODE #		001	
OVERRIDE CODE ♯		009	
TRANSFER TELEPHONE	ŧ	123456789-0	12345678901233
TRANSFER TELEPHONE	CALLING	NO	
ON A.M. FAILURE		NO	
(UNIT SETS TO AUTO	FAX RCV.)		
OGM ONLY MODE		NO	

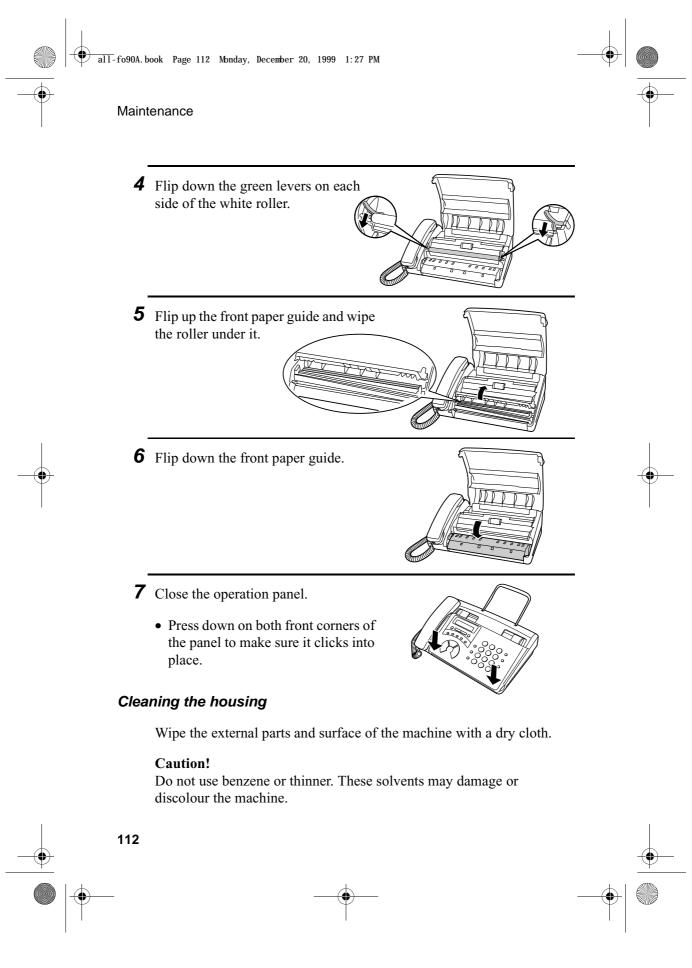
Message List

This list shows information about the messages currently recorded in the answering machine, including the date and time of recording, the length, and the type (ICM, memo, or 2-way).

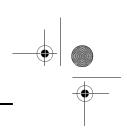
	FOR:	MESSAGE LIST	11-NOV-2000 04:44
NO.	RECORDED TIME	MESSAGE LENGTH	ТҮРЕ
01	11 - NOV 01:37	17″	2 - W A Y
02	11-NOV 01:40	03″	2 - W A Y
03	11 - NOV 01:40	03″	2 - W A Y
04	11 - NOV 01:43	04″	MEMO
05	11 - NOV 01:43	05″	MEMO
0.6	11 - NOV 01:44	0.5 "	MEMO
07	11 - NOV 02:41	1'10"	MEMO







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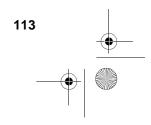
10. Troubleshooting

Problems and Solutions

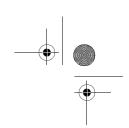
Line error

Problem	Solution	
LINE ERROR appears in the display.	Try the transaction again. If the error persists, check the following:	
	• Check the connection. The cord from the TEL . LINE socket to the wall socket should be no longer than six feet.	
	 Make sure there are no modem devices sharing the same telephone line. 	
	Check with the other party to make sure their fax machine is functioning properly.	
	Have your telephone line checked for line noise.	
	 Try connecting the fax machine to a different telephone line. 	
	 If the problem still occurs, your fax machine may need service. 	





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Problems and Solutions

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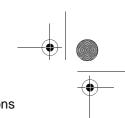
Dialling and transmission problems

Problem	Solution	
No dial tone when you pick up the handset.	• Make sure the handset cord is connected to the correct socket. See <i>Connecting the handset</i> in <i>Connections</i> in Chapter 1.	
Dialling is not possible.	• Make sure the power cord is properly plugged into a power outlet.	
	 Make sure that the telephone line is properly connected to both the TEL. LINE socket and the wall socket. 	
	• Make sure that the fax machine is set to the correct dialling mode for your telephone line. See <i>Connecting the telephone line cord</i> in <i>Connnections</i> in Chapter 1.	
The power is on, but no transmission takes place.	 Make sure that the receiving machine has paper. Make sure that the telephone line cord is plugged into the TEL. LINE socket, and not the TEL. SET socket. 	
	 If the receiving machine is in manual mode with no attendant, reception will not be possible. 	
	Check the display for error messages.	
	Pick up the handset and check for a dial tone.	
Nothing is printed at the receiving end.	• Make sure that the document for transmission is placed face down in the feeder.	
A distorted image is received at the other end.	 Noise on the telephone line may cause distortion. Try sending the document again. 	
	• Make a copy of the document on your fax machine. If the copy is also distorted, your fax machine may need service.	



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Problems and Solutions

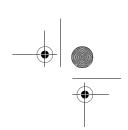
Reception and copying problems

Problem	Solution
The fax machine doesn't receive documents automatically.	• Make sure that the reception mode is set to FAX. If you subscribe to a Distinctive Ringing service, make sure that the Distinctive Ringing function is set to the correct ring pattern. If you do not subscribe to a distinctive ring service, make sure that Distinctive Ringing is set to OFF SETTING. (See <i>DistinctiveRinging</i> in Chapter 7.)
The power is on, but no reception takes place.	• Make sure that the telephone line cord is plugged into the TEL. LINE socket, and not the TEL. SET socket.
The printing paper comes out blank when you try to receive a document.	• Make sure that the document is loaded properly in the feeder of the transmitting machine. Make a copy or print a report to confirm the printing ability of your machine.
	 Make sure that the thermal paper is properly loaded in your fax machine. (If the roll has been loaded backwards, nothing will be printed.)
The received document is faint.	• Ask the other party to send higher contrast documents. If the contrast is still too low, your fax machine may need service. Make a copy or print a report to check your machine's printing ability.
	• Make sure you are using the recommended thermal paper. See <i>Loading the Thermal Paper</i> in Chapter 1.
Received images are distorted.	 Noise on the telephone line may cause distortion. Have the other party try sending the document again.
	• Make a copy or print a report on your fax machine. If the copy or report is also distorted, your fax machine may need service.
A received document or copy prints out in strips.	Make sure the operation panel is completely closed (press down on both sides of the panel).





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Problems and Solutions

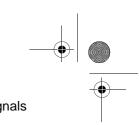
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The quality of copies is poor and/or black spots appear.	• Any dirt or material on the scanning glass will cause spots to appear on copies and transmitted faxes. Clean the scanning glass as explained in Chapter 9.
Reception/copying is interrupted.	 If reception or copying takes place continuously for a long time, the print head may overheat. Turn off the power and let it cool down.

General problems

Problem	Solution
Nothing appears in the display.	 Make sure the power cord is properly plugged into a power outlet.
	• Connect another electrical appliance to the outlet to see if it has power.
The machine does not respond when you press any of its keys.	 If a beep sound is not made when you press the keys, unplug the power cord and then plug it in again several seconds later.
Automatic document feeding does not work for transmission or copying.	• Check the size and weight of the document (see <i>Transmittable Documents</i> in Chapter 3).
Voice calls taken on an extension phone are interrupted by the fax.	• The fax may interrupt during a voice call if the reception mode is set to A.M. To prevent interruption on a tone dial extension phone, press any three keys on the extension phone after answering. (Note: Do not enter the code to activate fax reception.)
No reception occurs when polling is attempted.	Make sure you have not run out of paper.
	 Make sure the transmitting machine is in automatic reception mode.
	 If the transmitting machine has polling security, make sure that your fax number has been entered both in your machine and in the transmitting machine.

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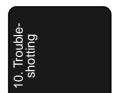
Messages and Signals

Messages and Signals

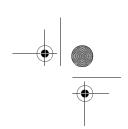
Display messages

Note: If you have turned on the Caller ID function, see Caller ID in Chapter 7 for display messages related to Caller ID.

CHECK PAPER	The thermal paper is jammed or isn't loaded properly. Remove and reload the paper. (See the following section, <i>Clearing Paper Jams</i> .)
COVER OPEN	The operation panel is open. Close it.
DOCUMENT JAMMED	The original document is jammed. See the following section, <i>Clearing Paper Jams</i> .
FUNCTION MODE	The FUNCTION key has been pressed.
HOLD	The HOLD/SEARCH key has been pressed to put the other party on hold during a phone conversation. Press the HOLD/SEARCH key again to take the other party off hold.
LINE BUSY	This appears if you attempt to send a fax by automatic dialing and the line is busy or the receiving fax machine doesn't answer. Press the STOP key to clear the message.
LINE ERROR	Transmission or reception was not successful. Press the STOP key to clear the message and then try again. If the error persists, see <i>Line Error</i> in <i>Problems</i> <i>and Solutions</i> in this chapter.
MEMORY IS FULL	The memory is full. This may occur during fax reception if too much data is received before the pages can be printed out. If faxes have been received to memory because printing is not possible (an additional message will indicate the problem), resolve the problem so that printing can continue (see Substitue Reception to Memory in Chapter 4). If you are attempting to transmit from memory, see Sending Documents from Memory in Chapter 7.



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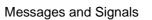


Messages and Signals

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MEMORY PRINTING	The fax is preparing or printing out a document from memory.
NO DATA	This appears if you attempt to search for an automatic dialling number when none have been stored.
NO # STORED	You have tried to dial or clear a Rapid Key or Speed Dial number that hasn't been programmed (a full number hasn't been assigned to it).
OFF HOOK	This appears if you forgot to replace the handset after using it to dial and send a fax. Replace the handset or press the STOP key to clear the message.
ON HOOK DIAL	The SPEAKER key has been pressed and the fax machine is waiting for you to dial.
OUT OF PAPER	You have run out of thermal paper. Load a new roll of thermal paper as explained in <i>Loading the Thermal Paper</i> in Chapter 1.
OVER HEAT	The print head has overheated. Operation can be continued after it cools.
PAPER JAMMED	The printing paper is jammed. See the following section, <i>Clearing Paper Jams</i> .
READY TO SEND	A document has been loaded and the fax machine is waiting for you to begin faxing or copying.
RECALLING	This appears if you attempt to send a fax by automatic dialing and the line is busy or the receiving fax machine does not answer. Your fax machine will automatically reattempt the call. (See <i>Automatic</i> <i>Redialing</i> in <i>Sending a Fax by Automatic Dialing</i> in Chapter 3.)

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SEARCH DIAL	The HOLD/SEARCH key has been pressed. Press # or * to search for an automatic dialling number, or press the STOP key to return to the date and time display. (See Searching for an auto-dial number in Sending a Fax by Automatic Dialling in Chapter 3.)	
TOTAL PAGE(S) 01	Number of pages transmitted, received, or copied.	

Audible signals

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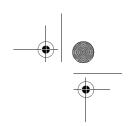
Continuous tone	3 seconds	Indicates the end of transmission, reception, or copying.
Intermittent tone (3 beeps)	5 seconds (1 second on, 1 second off)	Indicates incomplete transmission, reception, or copying.
Rapid intermittent tone	Continuous (0.7 seconds on, 0.3 seconds off)	Indicates that the handset is off hook.







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Clearing Paper Jams

Clearing Paper Jams

Clearing a jammed document

If the original document doesn't feed properly during transmission or copying, or DOCUMENT JAMMED appears in the display, first try pressing the **START/MEMORY** key. If the document doesn't feed out, open the operation panel and remove it.

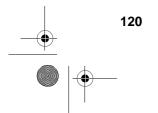
Important:

Do not try to remove a document without first releasing it as explained below. This may damage the feeder mechanism.

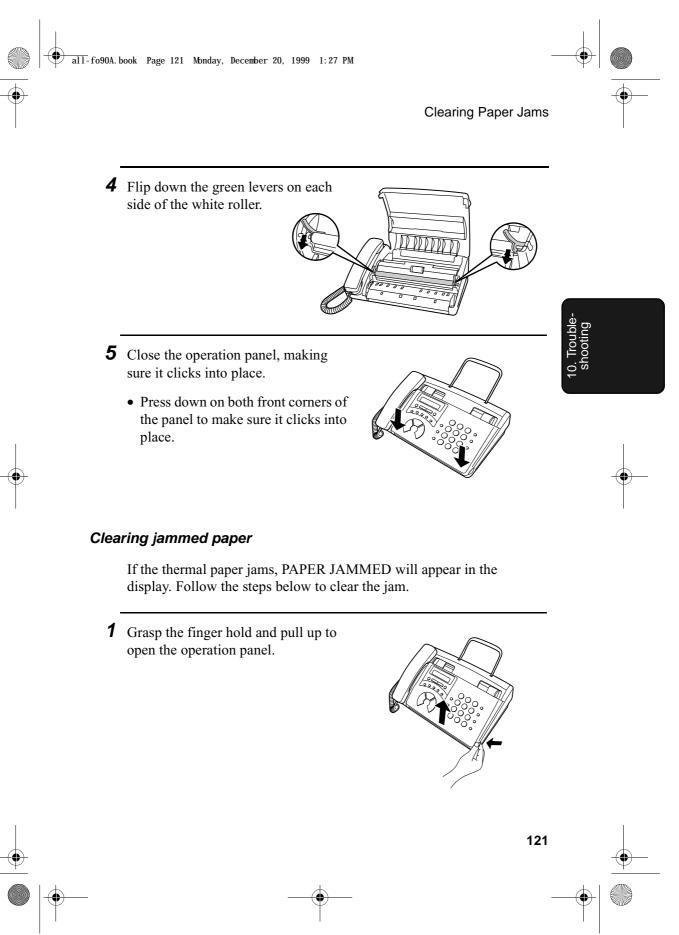
- **1** Grasp the finger hold and pull up to open the operation panel.
- **2** Flip up the green levers on each side of the white roller.

3 Remove the document.

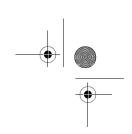




www.DataSheet4U.com

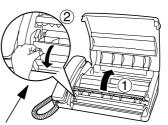


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Clearing Paper Jams

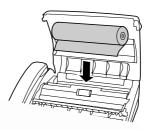
2 Flip up the front paper guide



Press the knob to make sure the front side of the metal guide is down.

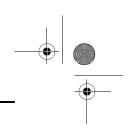
- **3** Remove the paper roll.
 - Remove any cut pieces of paper from the paper compartment.
- **4** Cut off the wrinkled part of the paper.
- 80

- **5** Reload the paper.
 - Jammed paper is often caused by improper loading. Be sure to carefully follow the instructions for paper loading given in *Loading the Thermal Paper* in Chapter 1.





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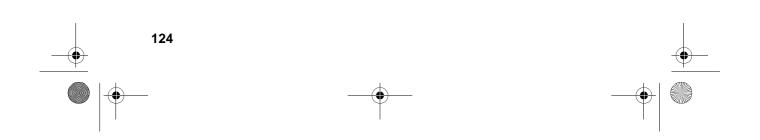
S

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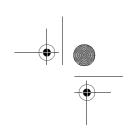
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SHARP CORPORATION OF AUSTRALIA PTY.LTD.

A.C.N. 003 039 4051 Huntingwood Drive, Huntingwood, Blacktown, N.S.W., 2148

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