SAMSUNG

Operator's Guide

FACSIMILE FX100

Please read this guide before you use this equipment.

Thank You for Choosing Samsung

Thank you for choosing Samsung! Your new fax machine represents the very latest in fax machine technology. The FX100 is a full-featured, high-performance machine built to strict quality standards set by Samsung-the highest in the industry. We're proud to offer you a product that will provide convenient, dependable service for years to come.

Important Safety Information

Always be careful when using the machine. To reduce the risk of fire, electrical shock, and other injuries, keep these safety considerations in mind when installing, using, and maintaining your machine:

- **Stability:** Place the machine on a secure, stable surface. The machine can cause serious damage if it falls.
- **Power Supply:** Provide the correct power to the machine, as listed on its back. If you are not sure of the type of power that is supplied to your home or office, call your electric company.
- **Grounding:** It must be plugged into a grounded outlet for your safety. If you can't insert the plug into your wall outlet easily, the outlet should be inspected by a qualified electrician.
- **Overload:** Don't plug too many electrical devices into a wall outlet or extension cord. An overloaded outlet is a fire and electrical shock hazard.
- **Cleaning:** Before cleaning the machine, unplug it from both the power outlet and the telephone jack. Clean exposed parts with a soft cloth slightly dampened with water.
- **Thunderstorms:** Unplug electrical appliances during thunderstorms. Avoid using any telephone (except a cordless model) during a thunderstorm, since there's a small chance you could get an electrical shock from lightning.
- **Gas Leaks:** Never use a telephone close to a gas leak. If you think gas is leaking, call the gas company immediately, but use a telephone far away from the leak area. A small electrical spark in the telephone could cause a fire.

FCC Information

The following information is only applicable to facsimile machines installed in the United States of America.

Label Identification

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

Type of Service

This equipment is designed to be used on standard device telephone lines. Connection to a telephone company-provided coin service (central office implemented systems) is prohibited. Connection to party-line service is subject to state tariffs.

Telephone Company Procedure

The goal of the telephone company is to provide you with the best service possible. In order to do this, it may occasionally be necessary for it to make changes in this equipment, operation, or procedures. If these changes affect your service or the operation of the equipment, the telephone company will give you notice in writing, to allow you to make any changes necessary to maintain uninterrupted service.

If you have any questions about your telephone line, such as how many pieces of equipment you can connect to it, the telephone company will provide this information upon request.

In certain circumstances, it may be necessary for the telephone company to request information from you concerning the equipment you have connected to your telephone line. Upon request of the telephone company, provide the FCC Registration Number and the Ringer Equivalence Number (REN) of the equipment that is connected to your line; both of these items are listed on the equipment label. The sum of all of the RENs on your telephone line should be less than five in order to ensure proper service from the telephone company. In some cases, a sum of five may not be usable on a given line.

About Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone fax machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. In order to program this information into your fax machine, you should complete the steps on page 2.7.

If a Problem Arises

If any of your telephone equipment is not operating properly, you should immediately remove it from your telephone line, as it may cause harm to the telephone network. If the telephone company notes a problem, it may temporarily discontinue service. When practical, the telephone company will notify you in advance of the disconnection. If advance notice is not feasible, you will be notified as soon as possible. When you are notified, you will be given the opportunity to correct the problem and informed of your right to file a complaint with the FCC.

Hearing Aid compatible

The telephone handset attached to this equipment is hearing aid compatible.

Lightning

Your unit has built-in protection circuits, which meet or exceed FCC requirements, to reduce the risk of damage from surges in telephone line currents. However, lightning striking near or on these lines can cause an excessive surge of voltage that can damage the phone.

Lightning damage is uncommon. However, if you are concerned about it or live in an area with frequent and/or severe electrical storms, we suggest that you unplug your electronic equipment during the storms.

IC Information

The following information is applicable only to facsimile machines installed in Canada.

Notices

The Industry Canada (IC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, user should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment or equipment malfunctions may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution

Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the load numbers of all devices does not exceed 100. The Load Number of this unit is #6.

Class B

This Digital Apparatus does not exceed the Class B limits for Radio Frequency noise from Digital Apparatus set out in the Radio Interference Regulations of the Industry Canada.

Renseignements du Industrie Canada

Les renseignements suivants ne s'appliquent qu'aux télécopieurs installés au Canada.

Avis

L'étipuette du Industrie Canada (IC) est une marque d'identification d'appareil certifié. Cette certification signifie que l'appareil répond à certains critères de sécurité et d'utilisation. Cependant, le Ministère ne peut pas garantir que l'appareil rencontrera les exigences de son utilisateur.

Avant de faire l'installation de l'appareil, l'utilisateur devrait s'assurer qu'il paurra brancher son appareil en utilisant les services généralement offerts par la compagnie téléphoneque de sa region. If faut s'assurer de brancher convenablement l'appareil. Dans certains cas, le système interne de communication d'une compagnie possède aussi une ligne individuelle qu'il vous sera possible d'utiliser avec un dipositif d'assemblage certifié (rallonge de téléphone). L'utilisateur devrait se renseigner afin de faire une bonne utilisation de son appareil et de ne pas nuire au système interne de communication de la compagnie.

Toute réparation d'un appareil certifié devrait être effechée dans un centre d'entretien approuvé par le fournisseru. Toute réparation ou modification apportée par l'utilisateur à son appareil ou tout problème de fonctionnement purrait forcer votre compagnie téléphonique àdébrancher votre appareil.

L'utilisateur devrait s'assurer que les raccordements de mise à la terre de l'alimentation, des lignes téléphoniques et du système de tuyauterie hydraulique, si présent, soient tous reliés ensembles. Cette mesure de sécurité est important surtout en milieu rural.

Misc en gard

L'utilisateur ne devrait pas essayer de faire de tels raccordements seul, il devrait faire appel à du personnel qualifié ou à un électricien selon le cas.

Le numéro de raccordement (LN) se rapporte à chaque appareil et détermine le nombre maximum de raccordements afin d'éviter une surcharge. La boucle peut comprendre plusieurs choix différents tant et aussi longtemps que le total des numéros de raccordement noe dépasse pas la somme de 100. Le numéro de raccordement de votre appareil est: #6.

Classe B

Cet appareil n'excede pas les limites de la classe B pur les émissions de parasites radio à partir d'un appareil numérique établies par le règlement sur les parasites radio du Industrie Canada.

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Chapter One

Your New Machine

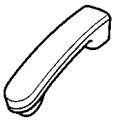
Chapter One

YOUR NEW MACHINE

Check Parts

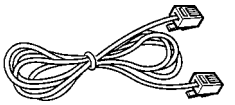
Once you have unpacked your fax machine, check to make sure that you have all the parts shown here. If any piece is missing or broken, call your dealer.

Main Body

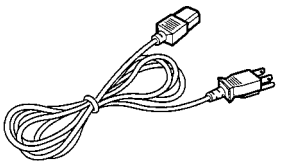


Handset

Handset Cord

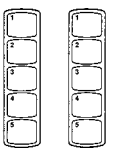


Phone Line Cord

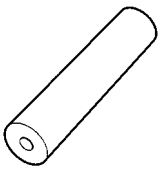


Power Cord

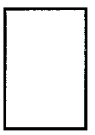
This Manual



Name Card



Thermal Paper Roll

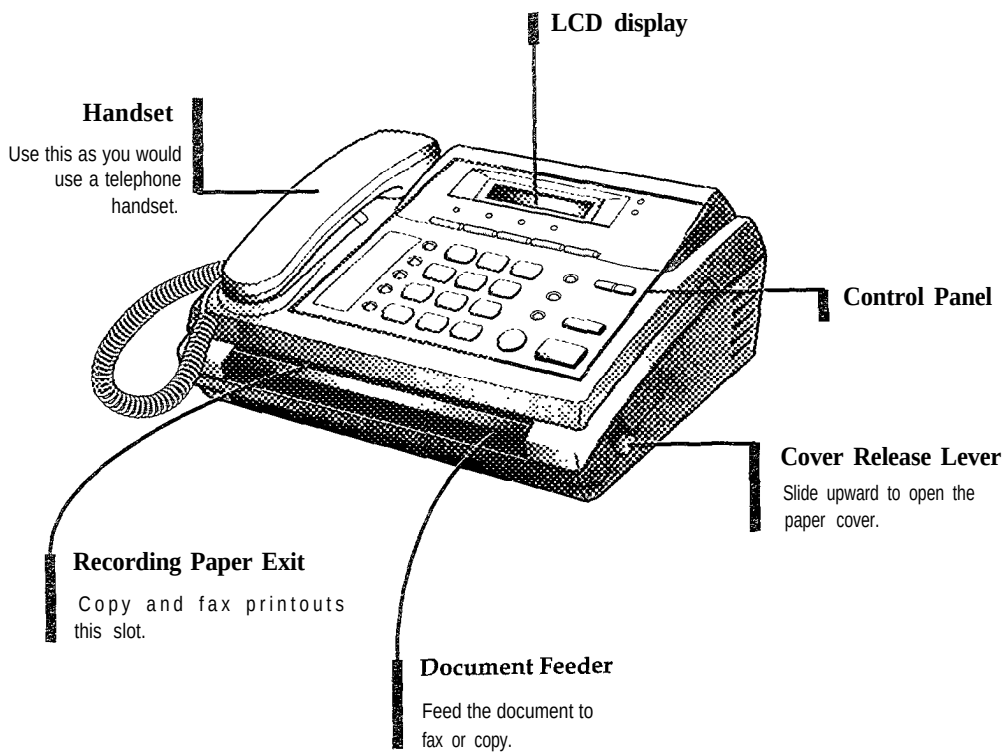


Quick Reference Guide

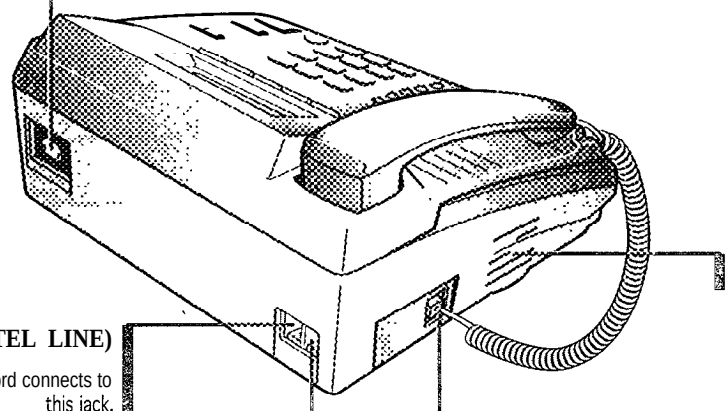
Familiarizing Yourself with Your New Machine

Take a moment to familiarize yourself with your new machine by looking at the pictures on the next few pages.

Front



Rear



AC Power Socket

The power cord connects to this socket.

Speaker

Phone Socket (TEL LINE)

The telephone line cord connects to this jack.

Handset Socket

This is where you connect the Handset to the machine.

Extension Socket (EXT.LINE)

Connect a normal phone or an answering machine, whichever you need.

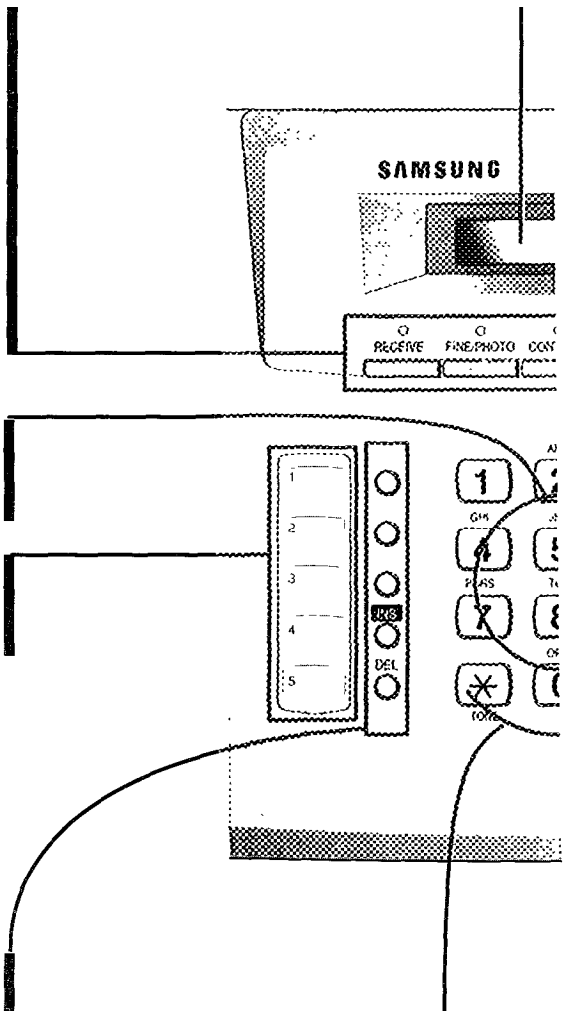
Control Panel

LCD
Shows the date and time, or what the machine is doing.

RECEIVE
Press to choose the appropriate receive mode. The indicator will light up to show you which setting you have chosen.

FINE/PHOTO
Press to improve the clarity of a poorly printed document.
You can also press it to send or copy photographs or documents printed in color.

CONTRAST
Press to compensate for light or dark documents.



Number Keypad
Press to dial numbers manually.

Name Card
Attach this card and write down the names and numbers stored in the One-Touch buttons.

One-Touch Buttons (1-5)
Press to make calls and send documents simply by pressing one button.

INS
Press to insert one letter or number when editing a number or name.

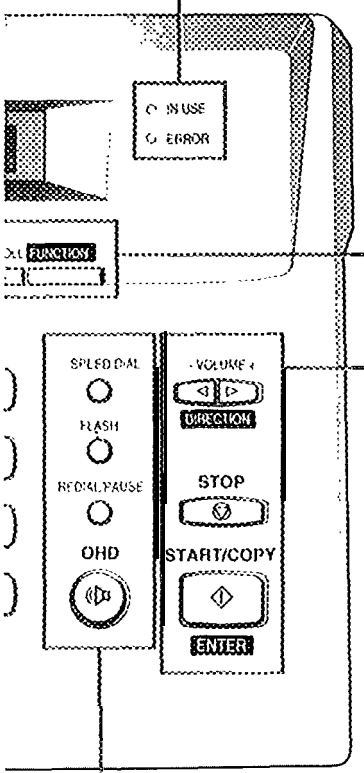
DEL
Press to delete one letter or number when editing a number or name.

TONE
Press to temporarily switch from pulse to tone dialing.

HELP
Press to print the HELP LIST. The HELP LIST shows the machine's basic functions and commands. Use it as a quick reference guide.

IN USE Indicator
This will light up when the machine is in use, flashes when receiving or sending a document.

ERROR Indicator
This will light up when something is wrong.



V.REQ./POLL
Press to make a Voice Request after sending or receiving documents. Or,

Press to poll a document loaded on another fax machine.

FUNCTION
Press to choose different functions.

VOLUME/DIRECTION ◀/▶
Press to adjust the Speaker volume, to scroll menu in the FUNCTION mode, or to move the cursor to the digit you want to edit.

STOP
Press to stop the machine in the middle of a job, clear an error display, or eject your original document.

START/COPY (ENTER)
Press to start a job or copy a document.

SPEED DIAL
Press to make calls and send documents by entering a 2-digit number (01 to 30).
Press to search for a number in the autodialer.

FLASH
Press to transfer a call in a PABX (Private Automatic Branch Exchange).

REDIAL/PAUSE
Press to redial the last phone number you called. You can also press it to add a pause when you store a number in memory.

OHD
Press to dial a number without picking up the handset.

Chapter Two

Installation and Setup

Chapter Two

INSTALLATION AND SETUP

Please review the safety precautions at the front of this manual, then follow the directions in this chapter to connect your machine and set it up for use.

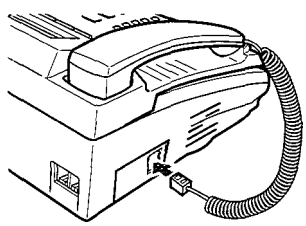
Choosing a Location

To help guarantee trouble-free operation of your fax machine, place it in a spot where:

- It's not in direct sunlight or excessive humidity.
- It is not close to heating or air conditioning vents.
- Its ventilation openings aren't blocked.
- It's at least 4 inches away from other objects.
- Its cords won't get in the way of people or other equipment.
- It can't be knocked off a table or dropped.

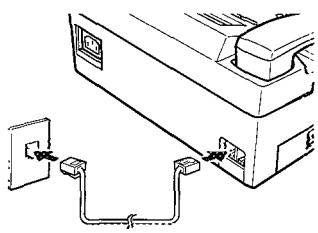
Making the Connections

1
Connect the coiled Handset cord.



◄ Plug one end of coiled cord into the jack on the Handset. Then plug the other end into the HANDSET jack on the left side of the machine.

2
Connect the telephone line.

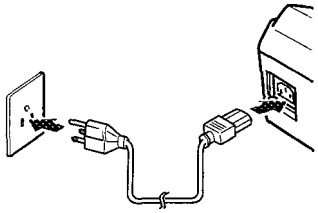


◄ Plug one end of the telephone line cord into the TEL LINE jack and the other end into a standard phone jack in your wall.

3
Connect an extension phone or answering machine, if desired.

◄ Plug the cord of your extension telephone or answering machine into the EXT. LINE jack on the back of the machine

4
Connect the AC power cord.

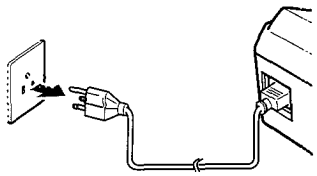


◄ Plug one end of the cord into the back of the machine and the other end into a standard grounded 3-prong AC power outlet.

The polarized 3-prong plug only fits into a 3-pin outlet one way. If you cannot plug the cord into your outlet, contact an electrician to replace the obsolete outlet.

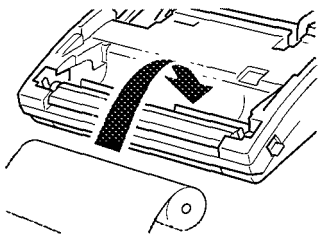
Installing Paper

1
Unplug the power cord.



2
Open the Cover by lifting the Release Lever on the side of the fax machine.

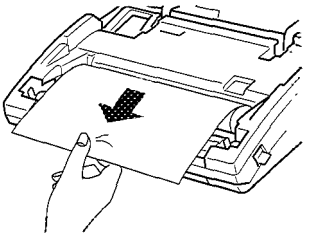
3
Insert the paper roll.



◄ If there is an adhesive sticker sealing the paper roll, remove it completely. Be sure the paper exits from the top of the roll as shown.

The outer diameter of the paper roll should not exceed 2.05 in (total length of the paper roll is approximately 98.4 ft).

4
Pull the paper end past the edge of the fax machine.

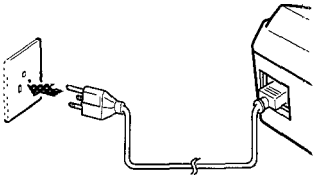


5
Close the Cover.

Tear off the excess paper.

◄ Press down on the Cover using both hands until it snaps into place.

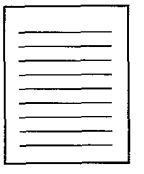
6
Connect the AC power cord.



Making a Copy

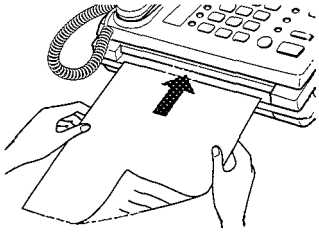
Copy a document to make sure that the machine is working properly.

1
Choose a document you want to copy.



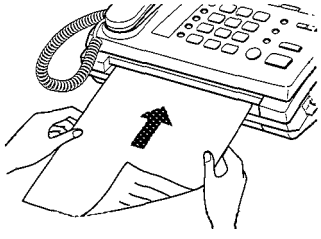
◄ For information on preparing a document, see page **3.**1.

2
Turn the document face down and slide it into the Feeder Slot.



3
Feed the document into the machine.

The Automatic Document Feeder seizes and pulls in the document.



The LCD shows the message "DOCUMENT LOADING."

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DOCUMENT LOADING
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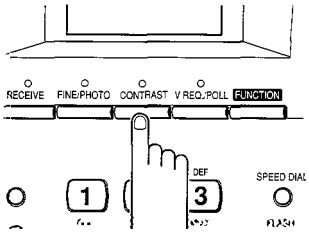
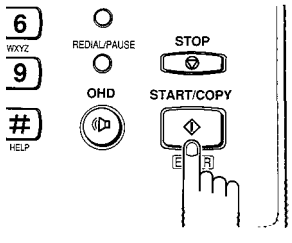
4
Adjust the copy quality.



◄ The print quality is automatically set to FINE when you are making a copy. Press CONTRAST and then DIRECTION ◄ or ► to compensate for light or dark documents.
For more information on resolution and contrast, see page **3** 2.

5
Press START/COPY.

The document feeds through the machine as a copy is made.



◄ When copy completes, the fax machine sounds several beeps. To copy more documents, insert the next sheet while the fax machine is beeping. The fax machine makes a copy of the next sheet.

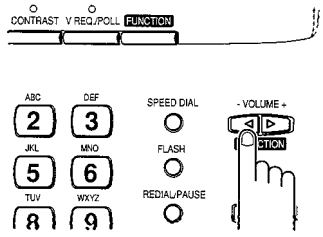
If the next sheet does not feed, two short ending beeps will sound.

Setting Up the Fax

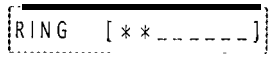
Follow the directions below to set up your fax.

Adjusting Ringer Volume

1
Set the machine's Ringer volume by pressing VOLUME ◀ of ▶ on the Control Panel in Standby mode.



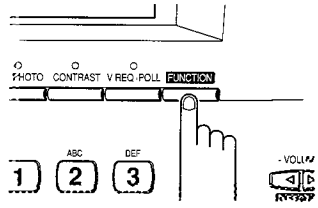
The LCD shows Ringer volume level.



◀ The * indicates the current Ringer volume level.
Pressing ▶ increases the volume, and ◀ decreases it.

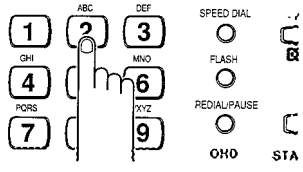
Setting Date and Time

1
Press FUNCTION.



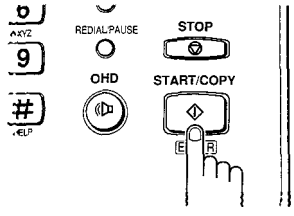
◀ The LCD sequentially shows the different settings you can change.

2
Press 2.



The LCD shows "[2] DATE & TIME".

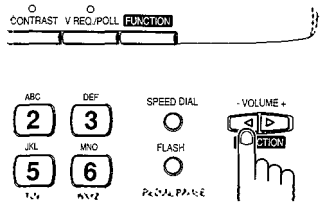
3
Press ENTER.



The LCD asks you for a date format.

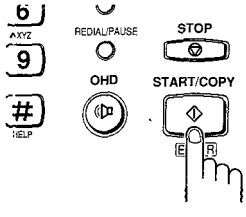
```
[MM-DD]  DD-MM
```

4
Select the type of date format you want by using DIRECTION ◀ or ▶.



◄ There are two possible formats for the date:
MM-DD : Month-Day
DD-MM : Day-Month

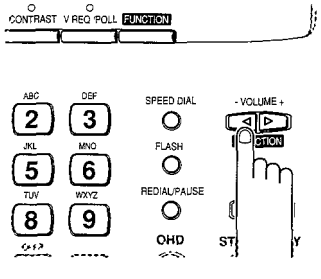
5
Press ENTER.



The LCD shows the preset date and time.

```
10-03 95 07:05
```

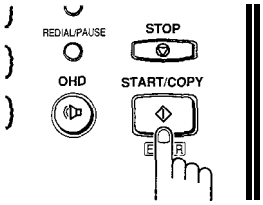
6
Use the Number Keypad to enter date and time through Number Keypad. You can also move the cursor under the digit you want to change by pressing DIRECTION ◀ or ▶.



◄ In either format, the day and month should each be entered as a two-digit number (01 to 31 and 01 to 12), and time should be entered as 24-hour format; that is, to set 7 o'clock p.m., press 1900.

7

When the date and time are correct, press ENTER.



◄ Standby mode : Machine is idle.

The LCD returns to Standby mode.

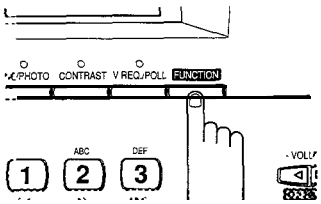
```
11-15 10:30 FAX
```

Setting the Terminal ID (Your Name and Number)

Your Terminal ID will be printed at the top of each page sent from your machine.

1

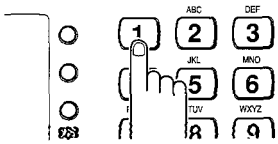
Press FUNCTION.



◄ The LCD sequentially shows the different settings you can change.

2

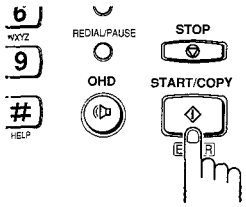
Press 1.



The LCD asks you if you want to set the Terminal ID.

```
[1] TERM.ID
```

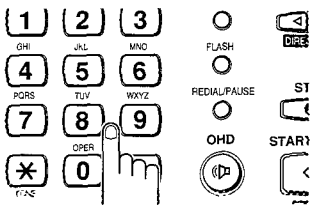
3
Press ENTER.



The LCD asks you for your number.

```
TEL.:_
```

4
Using the Number Keypad, enter your number.

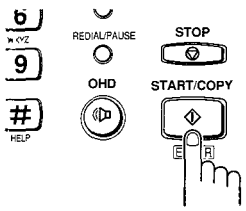


◄ You may enter up to 20 digits. You can also include special characters (space, hyphen, or plus sign) in the number to help improve readability.

Press REDIAL/PAUSE for a space, # for hyphen (-), and * for plus sign (+).

If you have previously set the Terminal ID, the machine displays the currently set number and name.

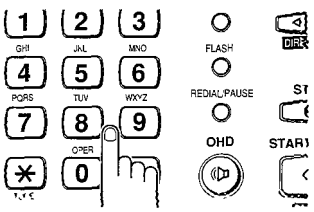
5
Press ENTER when the number in the LCD is correct.



The LCD asks you for the name.

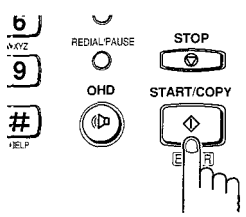
```
NAME:-
```

6
Enter your name by using the Number Keypad.



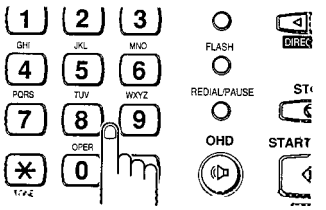
◄ You can enter up to 20 letters. For information using the Number Keypad to enter letters, see page **2.**9.

7
Press ENTER when the name is correctly entered.



Using the Keypad to Enter Letters

1
Press the Number Keypad labeled with the letter you want - press the button repeatedly until the letter appears in the LCD.

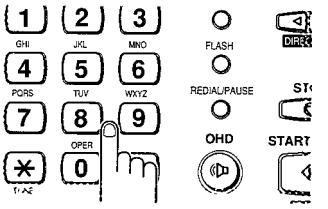


The letter appears in the LCD.

NAME:M

◄ For example, if you want to enter an M, press 6 (labeled MNO). Each time you press 6, the display shows a different letter - first M, then N, O, and finally 6.

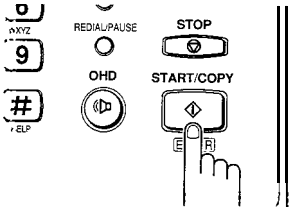
2
When the letter you want appears in the display, move the cursor to right by pressing DIRECTION ▶, or press other button and repeat Step 1.



◄ To insert one letter, move the cursor to the position where you want to insert, and press INS, then enter new letter.

To delete one letter, move the blinking cursor to the position you want to delete, press DEL.

3
When finished entering letters, press ENTER..



◄ Select additional letters in the same way.

If you enter a wrong letter, press DIRECTION ◄ or ▶ to move the cursor to the incorrect letter, then enter the new one over it.

Keypad Character Assignments

Number	Assigned numbers, letters, or characters
1	Space 1
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7
8	T U V 8
9	W X Y Z 9
0	+ - , / * # & 0

Checking Dial Type

In order to provide compatibility with most telephone systems, your FX100 can be set to either Pulse Dialing (same as rotary), or Tone Dialing (Touch-Tone).

In some cases, you may not be sure which kind of dialing service is provided on your line, since a rotary phone generally works, even though the line has Touch-Tone service.

To determine the type of service you have, refer to pages 4.12 (User Options), and 4.13 (Setting Fax Options), and set the Dial Type to "MF" (Tone). Then:

1 Pick up the Handset and dial any digit between 2 and 9.

2 If the dial tone disappears, you have properly set your machine's dial type option, and hang up the phone.
If the dial tone is still present, hang up the Handset and proceed to step 3, below.

3 If the dial tone did not disappear in step 2, set the Dial Type to "DP" (Pulse).

◄ See page 4.10, Using Tone, for information on temporarily setting your machine to tone dial, in order to access banking and other interactive services requiring Touch-Tones.

Chapter Three

The Fax Machine

Chapter Three

THE FAX MACHINE

In this chapter, you will learn how to send and receive fax documents, how to use the four fax reception modes, and voice request features.

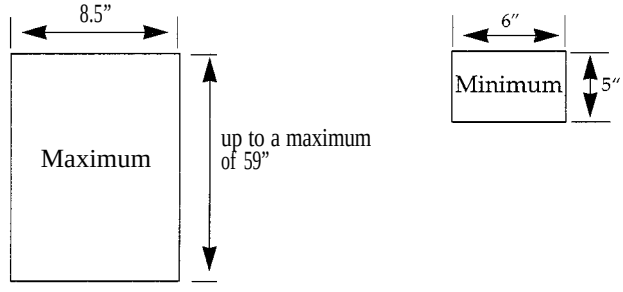
Sending a Fax

Preparing a Document

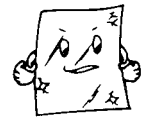
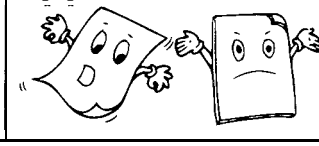
Here are some things to do to improve the quality of your faxed documents:

- Send documents printed using a typewriter, felt tip pen, black ink, or laserwriter. The paper should be white or very light and of normal weight - not cardboard. Blue lines on a ruled pad don't fax well.

- The unit can transmit documents with the following sizes:



- DO NOT attempt to feed the following document types into the unit, as they may jam. Instead, make a photocopy and send the copy

Wrinkled or creased paper	Curled or rolled paper or fax paper	Torn paper
Carbon or carbon-backed paper	Coated paper 	Too thin (less than 0.003") or too thick (more than 0.006") paper 

- Remove clips, staples, and similar objects from documents before feeding them into the machine.
- Allow ink or paste dry completely before you send a document.

Setting Resolution and Contrast

To set the Resolution/Contrast when sending or copying a document, insert the document face down, and do one of these:

- Press FINE/PHOTO to increase sharpness and clarity. You can choose NORMAL, FINE, or PHOTO mode.

  NORMAL works well for normal handwritten, typed, or printed documents.

  FINE is good for documents containing a lot of detail. When FINE is selected, the indicator lights.

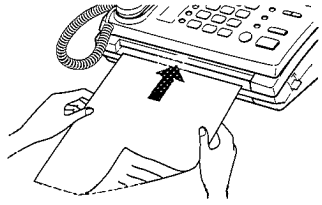
  PHOTO is used for faxing photographs or other documents containing color or shades of gray. When PHOTO is selected, the indicator flashes.

- Press CONTRAST and then DIRECTION ◀ or ▶ to compensate for light or dark documents.

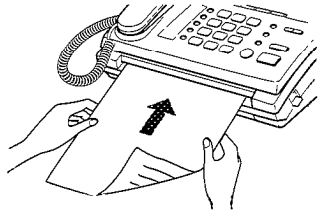
  If you press the CONTRAST button with a document loaded, the indicator lights. While the LCD display shows "DARK [* * *_ _ _ _]", press DIRECTION ◀ or ▶ to change the contrast. The number of * 's indicates the level of brightness.

Loading a Document

1
Turn the document face down.



2
Insert the leading edge of the document into the feeder Slot.



◄ The Automatic Document Feeder seizes and pulls in the document.

The LCD shows the message "DOCUMENT LOADING".

DOCUMENT LOADING

The resolution and contrast settings appear in the LCD.

NORMAL

◄ For more information on resolution and contrast, see page **3.** 2.

Dialing a Number

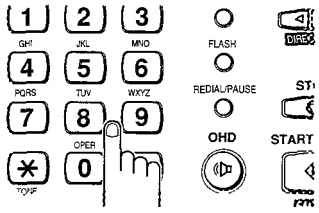
1
Pick up the handset.

◄ For hands-free operation, you can use OHD.

The LCD shows the message "PHONE."

PHONE

2
Using the Number Keypad, enter the number of the remote fax machine.



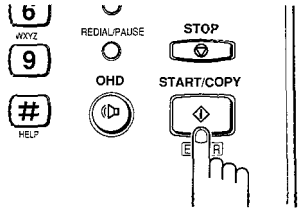
◄ You can store One-Touch or Speed Dial numbers into your machine so that you can dial frequently used numbers with a touch of a button. For more information, see pages 4.3-4-4.

The LCD shows the number you are dialing.

```
7301234
```

◄ If a person answers the telephone, ask him/her to press the START button so that you can send the document.

3
Press START/COPY when you hear the fax tone (high-pitched tone).



4
Hang up the Handset.

◄ You can send or receive a Voice Request while sending a fax. For more information on the Voice Request feature, see page **3.**10.

If you want to send more documents, insert the next sheet while the fax machine is beeping.

The LCD shows the message "SENDING".

```
SENDING      P.01
```

◄ You can cancel the transmission of a document at any time by pressing STOP. For more information, see page **3.**5.

Confirming the Transmission

When your document has been sent successfully, the machine beeps and returns to Standby mode.

```
11-15  10:30  FAX
```

◄ If something went wrong during transmission, an error message appears in the LCD. For a listing of error messages and their meanings, see page **5.**5.

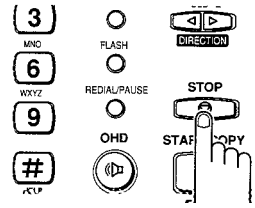
If you get an error message, press STOP to clear the message and try to send the document again.

You can set your machine to print a Confirmation Report automatically after each transmission. For more information, see page **4.**12.

Canceling Transmission

1

Press STOP at any time to cancel transmission.



The fax transmission is canceled and the machine returns to Standby mode.

```
STOP  PRESSED
```

Receiving a Fax

Reception Modes

Your machine has four reception modes:

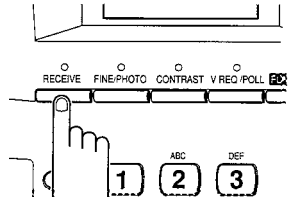
- In TEL mode, automatic fax reception is turned off. You can receive a fax only by manually pressing START/COPY.
- In FAX mode, the machine answers an incoming call and immediately goes into receive mode.
- In TAD mode, the caller can leave a message on your answering machine. If a fax tone is detected, your fax machine begins reception automatically, overriding the answering machine's announcement.
  This mode is available only when you have connected an answering machine to the EXT. LINE jack on the rear of the machine.
- In AUTO mode, the machine answers incoming faxes automatically. If no fax signal is detected, the machine gives a secondary ringing tone to advise you of an incoming call.

When the machine is in Standby mode, the LCD shows the current reception mode.

If you rarely use the fax line for voice conversation, set the fax machine to receive faxes automatically by selecting either FAX or AUTO mode.

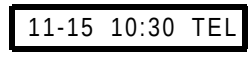
Receiving in TEL Mode

1
Press RECEIVE repeatedly until TEL appears in the LCD.



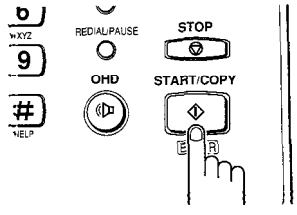
◄ When you are using the TEL mode and an answering machine is installed, you must switch off the answering machine, otherwise the OGM from the answering machine will interrupt your telephone conversation.

TEL appears in the LCD and the RECEIVE indicator light is off.



2
When the telephone rings, pick up the Handset and answer it.

3
If you hear a fax tone, or if the person on the other end asks you to, press START/COPY.

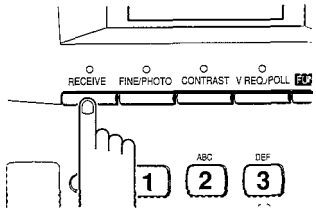


4
Hang up the Handset.

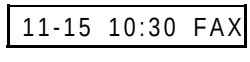
The machine begins receiving, and returns to Standby mode when the reception is complete.

Receiving in FAX Mode

1
Press RECEIVE repeatedly until FAX appears in the LCD.



FAX appears in the LCD and the RECEIVE indicator lights.

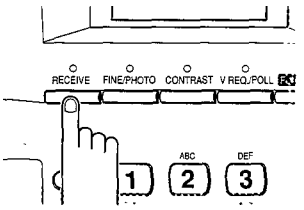


◄ When you get a call in FAX mode, the machine answers the call on the second ring and starts receiving a fax. You can change this number of rings. For more information, see page **4.**12.

When reception is complete, the machine returns to Standby mode.

Receiving in TAD Mode

1
Press RECEIVE repeatedly until TAD appears in the LCD.



TAD appears in the LCD and the RECEIVE indicater flashes,

```
11-15 10:30 TAD
```

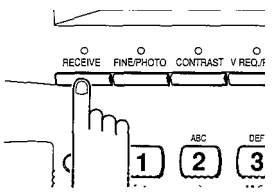
◄ When you get a call, the answering machine answers and records the caller's message.

If a fax tone is detected on the line by the fax machine, the call automatically switches over to the fax machine and reception begins overriding the answering machine's announcement.

If you have set your machine to the TAD mode, and the answering machine is switched off, or is not connected to your fax machine, the fax machine will automatically go into receive mode after 6 rings.

Receiving in AUTO Mode

1
Press RECEIVE repeatedly until AUTO appears in the LCD.



AUTO appears in the LCD and the RECEIVE indicator flashes rapidly.

```
11-15 10:30 AUTO
```

◄ When you get a call in AUTO mode, the machine answers the call on the second ring and starts receiving a fax when detected fax tone. You can change this number of rings. For more information, see page **4.**12.

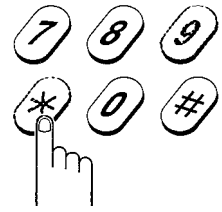
If no fax tone is detected, the machine gives a secondary ringing tone to advise you of an incoming call. If you do not answer the call while ringing, the machine automatically goes into receive mode.

Using an Extension Telephone

You can receive a fax from someone if you've answered on the extension telephone without having to go to the fax machine.
This feature only works when you connected to the fax machine.

1
When you receive a call on the extension pbone and hear a fax tone, press the keys *9* on the extension telephone.

The machine receives the fax.



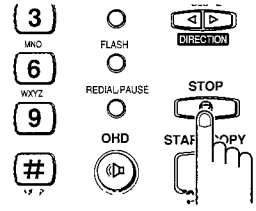
◄ Press the buttons slowly in sequence. If you still hear the fax tone from the remote machine, try pressing "* 9 * " once again.

" * 9 * " is the Remote Receive Start Code preset at the factory.
The first and the last asterisks are fixed, but you can change the middle digit to whatever you want. For more information, see page **4.** 12.

2
Hang up the extension telephone.

Canceling Reception

1
Press STOP at any time to cancel reception.



The fax reception is canceled and the machine returns to Standby mode.

STOP PRESSED

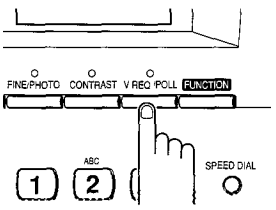
Using Voice Request

If you're sending or receiving a document and need to speak to the other person during the same phone call, use Voice Request to alert the person at the remote end.
You can also respond to a Voice Request made by the person on the remote end.

Sending a Voice Request

1
Press V.REQ./POLL while a document is being sent or received.

The V.REQ./POLL indicator lights, and a Voice Request signal is sent to the remote fax machine when transmission/reception finished.



◄ You can't talk with the other person and send a fax at the same time.

If you can't seem to alert the other person, it may be because the remote fax machine doesn't have the Voice Request feature.

The person on the remote end has 15 seconds to pick up the Handset. If no one answers, your machine returns to Standby mode.

2
When the phone rings pick up the Handset and answer it.

◄ When you're finished talking, if you have another document to send, load the document and tell the other person to press START. When you hear the fax tone, press START/COPY.

3
When you are finished, hang up the Handset.

◄ You can cancel a Voice Request by pressing V.REQ./POLL again.
The V.REQ./POLL indicator light goes out.

Answering a Voice Request

1
When the phone rings, pick up the Handset and answer it.

2
When finished, hang up the Handset.

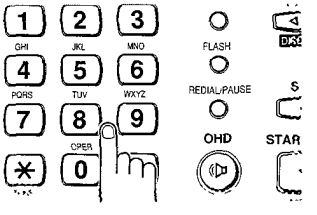
◄ If you don't answer the Voice Request within 15 seconds, the machine prints the "CALL BACK MESSAGE" which has the number that made the Voice Request, and the time and date the request was made.

Using Polling

Polling is when one fax machine requests another machine to send a document. This is useful when the person with the original document is not in the office. The person who wants to receive the document calls the machine holding the original and requests that the document be sent. In other words, it "polls" the machine holding the original.

1
Lift the Handset or press OHD.

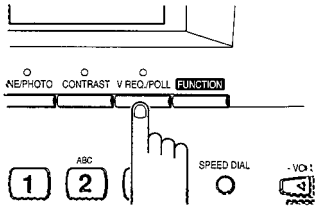
2
Enter the number of the remote machine.



◄ There should be no documents loaded in your machine, and the remote machine must be ready for your call, that is: remote machine must be in TX-POLL mode.
When polling another fax machine to retrieve a document, the remote machine may be secured with a poll code. In this case, you cannot poll the document.

3
When you hear a fax tone from the remote machine, press V.REQ./POLL.

Your machine starts to receive the document.



The LCD shows "POLLING".

```
POLLING
```

◄ Not all fax machines have polling capability, and polling incompatibility sometimes occurs between fax machines from different manufacturers. Therefore, polling may fail in some cases, even when poll code is not used.

Your fax machine cannot be polled, so other fax machines cannot poll a document from your machine.

Chapter Four

Special Features

Chapter Four

SPECIAL FEATURES

In this chapter, you will learn how to use the built-in help features, how to use the automatic dialing and special phone features, how to set options, and how to print reports.

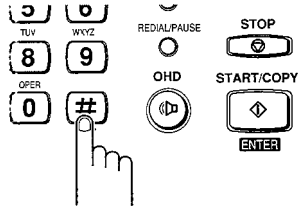
Using Help Features

You can print a Help List of the machine's basic functions and commands to use as a quick reference guide. You can also use the Function Menu to remind you how to set a particular function.

Print Out the Help List

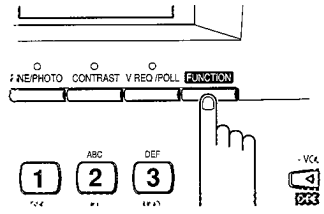
1
Press HELP while in Standby mode.

The machine prints the Help list.



Using Function Menu

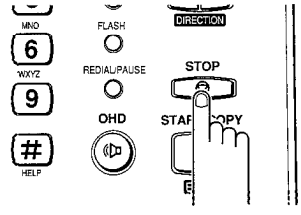
1
Press FUNCTION.



◄ If you press a button while the LCD is cycling through the function menu, the machine assumes you want to change the function setting corresponding to that button choice.

If you don't press any buttons, the LCD display cycles through all choices for about 60 seconds, then returns to Standby mode.

2
Press STOP at any time to exit the function menu.

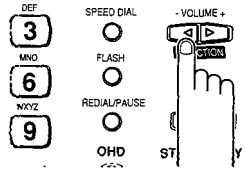


Scrolling Through the Function Menu

Instead of waiting for the function menu to cycle through each choice, you can manually scroll through to view your choices quickly.

1

Press Direction ◀ or ▶ while the function menu is displayed.



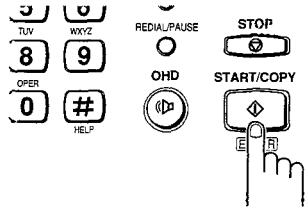
Each time you press the button, the LCD shows the next function.

[2] DATE & TIME

2

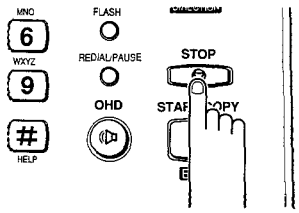
When the function you want appears in the LCD, press ENTER.

You will be guided through the setup choices.



3

Press STOP at any time to exit the function menu.



◄ If you press a button while the LCD is cycling through the function menu, the machine assumes you want to change the function setting corresponding to that button choice.

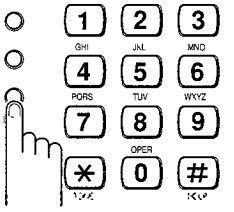
If you don't press any buttons, the LCD display cycles through all choices for about 60 seconds, then returns to Standby mode.

Using Automatic Dialing

There are two ways in storing numbers for automatic dialing: One-Touch Dialing and Speed Dialing. One-Touch Dialing lets you touch any one of five One-Touch buttons located on the left of the machine's Control Panel to dial your number automatically. Speed Dialing allows you to enter two digits to dial a number. To use this feature, follow these instructions:

Storing a Number for One-Touch Dialing

1
Press and hold the One Touch button that you want to assign.



◄ If there is a number or name already assigned in the selected One-Touch button, the number or name is displayed. If you want to change the number or name, enter new number or name over the old. If not, press STOP.

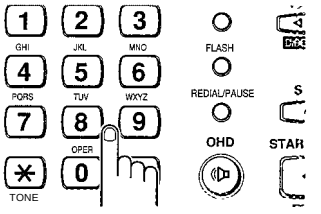
The LCD momentarily displays the One-Touch button number you are going to assign.

```
STORE ONE TOUCH 3
```

The LCD asks you for a te!ephone number.

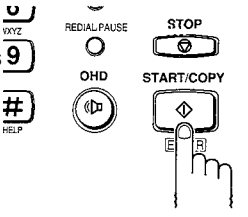
```
TEL.:-
```

2
Enter the number you want to store by using the Number Keypad.



◄ You can enter up to 34 digits into a One-Touch button. To insert a pause between digits, press REDIAL/PAUSE; a "P" appears in the display. This "P" will cause a few seconds' pause when dialing.

3
When the number appears correctly in the LCD, press ENTER.

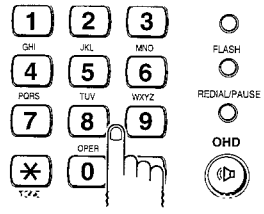


◄ If you make a mistake, use DIRECTION ◄ or ► to move the cursor to the incorrect digit and enter new one over it. You can also use INS or DEL buttons.

The LCD asks you for a name.

```
NAME:-
```

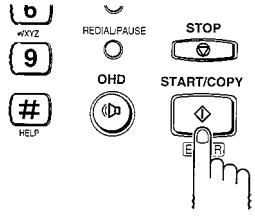
4
To assign a name to the number, enter the name, If you don't want a name, skip to step 5.



◄ If you assign a name to the number, you can take advantage of the Directory dialing feature of your machine. For information about Directory dialing, see page **4.**7

You can enter up to 20 letters. For more information on how to enter letters using the Number Keypad, see page **2.**9.

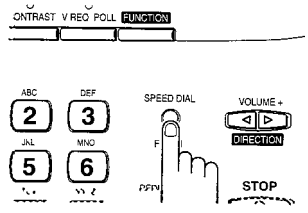
5
Press ENTER when the name appears correctly in the LCD.



◄ If you want to cancel the operation, press STOP at any time. The fax machine returns to Standby mode. If necessary, start over again.

Storing a Number for Speed Dialing

1
Press and hold SPEED DIAL until "STORE SPEED DIAL" appears in the LCD.



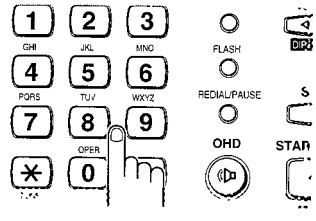
◄ You can store up to 30 telephone or fax numbers into 2-digit Speed Dial memory.

If there is a number or name already assigned to the selected Speed Dial button, the number or name is displayed. If you want to change the number or name, enter new number or name over the old. If not, press STOP.

The LCD asks you for the Speed Dial number you wish to assign.

```
SPD. NO[01-30] _??
```

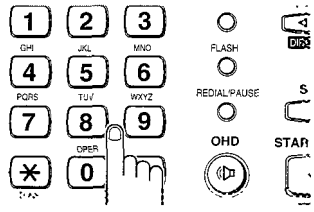
2
Enter a 2-digit Speed Dial number (01 through 30) to which you want to assign the telephone or fax number.



The LCD asks you for the telephone number.

```
TEL. : __
```

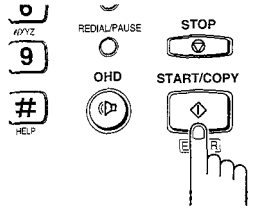
3
Enter the number you want to store.



◄ You can enter up to 34 digits into the Speed Dial number.
To insert a pause between digits, press REDIAL /PAUSE ; a "P" appears in the display. This "P" will cause a few seconds' pause when dialing.

If you make a mistake, use DIRECTION ◄ or ► to move the cursor to the incorrect digit and enter new one over it. You can also use INS or DEL buttons.

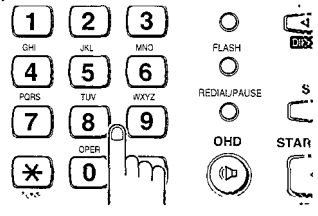
4
When the number appears correctly in the LCD, press ENTER.



The LCD asks you for a name.

```
NAME:_
```

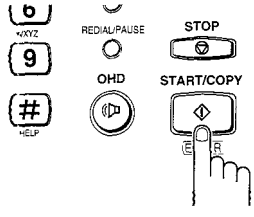
5
To assign a name to the number, enter the name. if you don't want a name, skip to step 6.



◄ If you assign a name to the number, you can take advantage of the Directory dialing feature of your machine. For information on Directory dialing, see page **4.**7.

You can enter up to 20 letters. For information on how to enter letters using the Number Keypad, see page **2.**9.

6
Press ENTER when the name appears correctly in the LCD display.



◄ If you want to cancel the operation, press STOP at any time. The fax machine returns to Standby mode. If necessary, start over again.

Dialing a One-Touch Number

1
Press a One-Touch button with or without picking up the Handset.

◄ For hands-free operation, use OHD. If there is no number stored, "NOT ASSIGNED" appears in the LCD. To store a number, see page **4.**3.

The LCD shows the message "DIALING"; as the machine automatically dials the number stated for that One-Touch button. You hear the dialing through the Speaker.

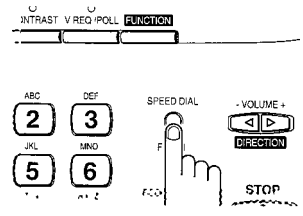
```
DIALING
```

```
7301234
```

◄ If you picked up the Handset or pressed OHD, "DIALING" will not be shown in LCD. It directly dials the number stored in that button.
If a document is loaded, and you press a One-Touch button without pressing OHD or picking up the Handset, the machine automatically sends the document.

Speed Dialing a Number

1
Press SPEED DIAL with or without picking up the Handset.

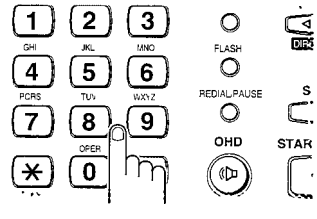


◄ For hands-free operation, use OHD. If there is no number stored, "NOT ASSIGNED" appears in the LCD. To store a number, see page **4.**4.

The LCD asks you to enter the Speed Dial number.

```
SPD.NO[01-30]    ??
```

2
Enter the 2-digit Speed Dial number.



◄ If a document has been loaded, and you press a SPEED DIAL without pressing OHD or picking up the Handset, the machine automatically sends the document.

If there is no number stored, "NOT ASSIGNED" appears in the LCD display.

The LCD shows the message "DIALING" as the machine automatically dials. You hear the dialing on the speaker.

```
DIALING
```

```
17301234
```

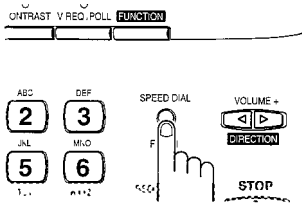
◄ If you picked up the handset or pressed OHD, "DIALING" will not be shown in LCD display. It directly dials the number stored in that button.

3
If you are making a phone call, pick up the Handset when the other person answers.

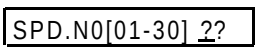
Searching Memory for a Number (Directory Dialing)

If you don't remember the 2-digit speed number, you can search for numbers in memory.

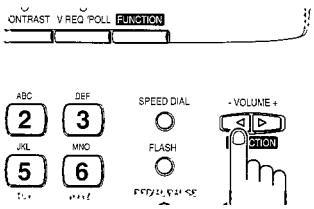
1
Press SPEED DIAL.



The LCD asks you to enter the Speed Dial number.

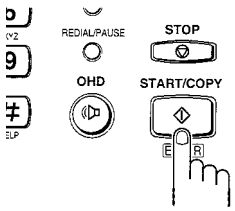


2
Press DIRECTION◀ or▶ to move backward or forward through the directory until you find the number you want.



◀ Pressing ▶ allows you to search forward through the memory in Speed Dial number order (from 01 to 30) and ◀ allows you to search in reverse order.

3
When the number you want appears, press ENTER to dial the number.



Using Chain Dialing

When using special services, such as alternate long-distance or bank-by-phone, you must enter the telephone number of the service and wait for the computer to answer before continuing. Enter the phone number of the special service first. Then, when the computer answers, enter the rest of the information, such as a long-distance number. We call this procedure Chain Dialing. You can combine manual dialing using Number Keypad, Speed Dialing and/or One-Touch Dialing for Chain Dialing.

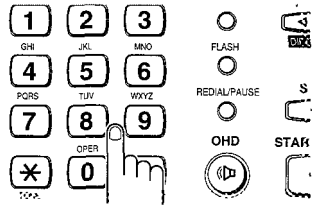
1
Pick up the Handset or press OHD.

◄ To send a document using Chain Dialing, load a document face down into the Document Feeder.
If you have pulse-dialing service, be sure to include a pulse-to-tone mode change in front of the numbers that you want to dial after the computer service answers.

The LCD shows the message "PHONE" .

```
PHONE
```

2
Enter a telephone number.



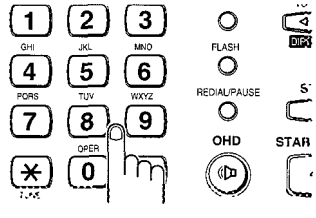
◄ For example, your long-distance carrier's number, using either Number Keypad, One-Touch button, or 2-digit Speed Dial number.

You cannot use redial for Chain Dialing.

The LCD shows the number you entered.

```
7301234
```

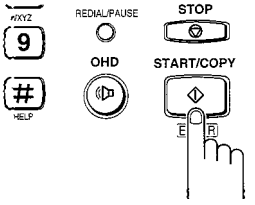
3
When the service answers, enter the additional numbers using number keypad, or One-Touch button, or 2-digit Speed Dial number.



The LCD shows the additional number(s) you entered.

```
7301234987954 3
```

4
When you hear the high-pitched tone, press START/COPY to send the document.



Using REDIAL/PAUSE

The REDIAL/PAUSE button has two functions. It can be used to redial the number you last called or it can be used to insert a pause in a number when you're setting up a One-Touch or Speed dial number.

To redial the number you last called:

1
Press REDIAL/PAUSE with or without picking up the Handset.

The number is automatically dialed.

◄ For hands-free operation, use OHD.

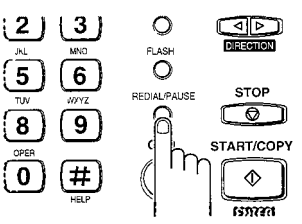
◄ There is an exception to redialing: a number dialed after pressing FLASH does not remain in memory, so it cannot be redialed by pressing REDIAL/PAUSE.
For example: you dialed 1234 and <conversation>, FLASH, 5678 and <conversation>, and hung up the phone. After a moment, when you press REDIAL/PAUSE to redia1 5678, your fax machine will actually dial 1234 not 5678.

◄ If a document is loaded, and you press a REDIAL/PAUSE without pressing OHD or picking up the Handset, the machine automatically sends the document.

With some telephone systems, you must dial an access code ("9", for example) and listen for a second dial tone before you can dial an outside number. In such cases, you must insert a pause in the number.

To insert a pause when storing an automatic dial number

1
When entering the number, press REDIAL/PAUSE



◄ For more information on storing automatic dial numbers, see page 4.3.

A "P" appears in the LCD.

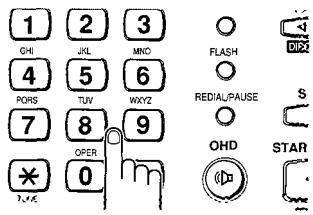
```
73OPT234
```

Using TONE

You may often need to use tone signals to perform special operations by phone. Bank-by-phone and voice mail are two examples of systems that require tone signals.

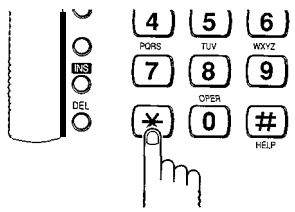
If you have pulse service, you can still send tone signals by following steps:

1
Dial the number using pulse dialing.



2
When the special service answers, press TONE.

Any numbers you press are sent by tone, not pulse, for the remainder of the call.



◄ TONE can be stored in memory. (One-Touch, Speed Dial, Redial) When you dial the number in memory, dialing stops at the TONE entry. To dial the remaining numbers, press REDIAL/PAUSE.

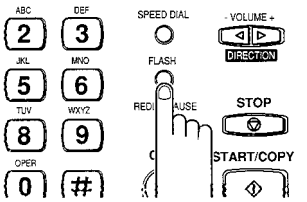
Using FLASH

Some special phone services require a switch-hook signal for proper operation. For example, if you have Call Waiting*, you can put a call on hold and take a second call on the same line by pressing the switch-hook button. Pressing FLASH performs the equivalent to a switch-hook operation.

1

When you are on the telephone and hear the call waiting signal, press FLASH.

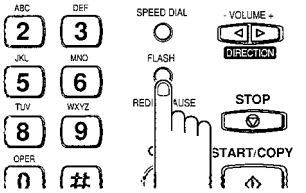
The first caller is on hold and you may speak to the second caller.



◄ If you don't subscribe to a special service that uses the switch-hook signal, don't press FLASH during a call - you could disconnect the line.

2

Press FLASH again to talk to the first caller again.



When your line is an extension of PABX, you can transfer the call by pressing FLASH without hanging up the Handset and dialing the number of that person.

* Call Waiting

Call Waiting service offered by most U.S. and Canadian telephone companies allows you to hear an alert tone, or beep, when a third party dials your number and you are already in a conversation with another party. If you happen to be conduction a regular voice conversation, and hear the alert tone in the telephone receiver or on the speaker, depress FLASH. This will place the current call on HOLD and allow you to converse with the new party. You may switch between two callers any number of times by flashing the line, or momentarily depressing the switchhook.

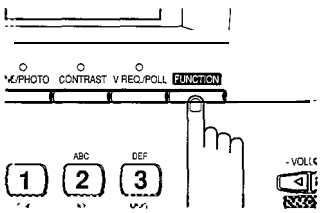
If the alert tone occurs while sending or receiving a fax, it may interrupt or terminate the fax call in progress. You can temporarily block the alert tone on the telephone line by dialing "*70" before dialing the area code and/or number when placing a call. This will ensure that your fax call will not be interrupted.

User Options

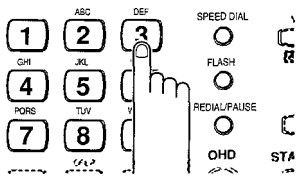
Your fax machine has various user-selectable features. These options are preset at the factory, but you may need to change them. To find out how the options are currently set, print the System Data List. For more information on printing a report, see page **4** .14.

Setting an Option

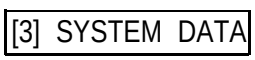
1
Press FUNCTION.



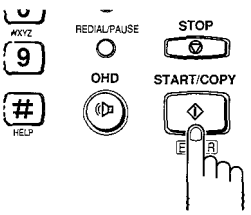
2
Press 3 on the Number Keypad for user options.



The LCD shows "(3) SYSTEM DATA".



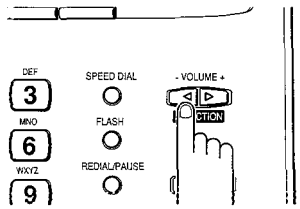
3
Press ENTER to set user options.



The LCD shows the message "COMFIRM.REPORT".

4

Press DIRECTON ◀ or ▶ repeatedly until you find the option you want. When you found the option, press ENTER.



◀ You can exit from setup mode at any time by pressing STOP. When you press STOP, the machine stores the options you've already changed and returns to Standby mode.

Setting Fax Options

These instructions assume you've followed the steps above under "Setting an Option" and the machine is asking if you want to change one of the fax options listed here.

- **Confirmation Report** - A Confirmation Report shows whether the transmission was successful or not, how many pages were sent, etc.
  Select YES to print it automatically each time you send a fax.
  Select NO to not print it.
  Select ERROR to print it automatically only when a transmission error occurs.
  Use DIRECTION ◀ or ▶ button to select, then press ENTER.

- **Ring Count** - Select the number of times your machine rings before answering an incoming call. If you are using your machine as both a telephone and a fax machine, we suggest you set the ring count to at least 4 to give you time to answer.
  Enter a number from 1 through 7 on the Number Keypad, then press ENTER.

- **Remote Receive Code** - The Remote Receive Code allows you to initiate a fax receive from an extension phone plugged into the EXT. LINE jack. If you pick up the extension and hear a fax tone, you can enter the Remote Receive Code and the fax will start receiving. The password is preset to " * 9 * " at factory. The first and the last ∗ 's are fixed, but you can change the middle character from 0 to 9.
  Enter the number you want to use, then press ENTER.

- **Auto Print** - Your fax machine keeps records of communications. You can get a transmission or reception journal printout automatically.
  Select YES if you want the TX/RX (transmission/reception) Journal printed out automatically after every 30 fax sessions.
  Select NO if you do not want it printed automatically.
  Use DIRECTION ◀ or ▶ button to select, then press ENTER.

- **Dial Type** - Select the type of dial mode your fax machine is connected to.
  Select MF if the fax machine is connected to a tone dial telephone line.
  Select DP if the fax machine is connected to a pulse dial telephone line.
  Use DIRECTION ◀ or ▶ button to select, then press ENTER.

- **Ring** - Use this feature to turn off the Ringer.
  Select ON to allow the Ringer to ring.
  Select OFF to inhibit the Ringer. (If you don't want to be disturbed by sound of ringing, select OFF.)
  Use DIRECTION ◀ or ▶ button to select, then press ENTER.

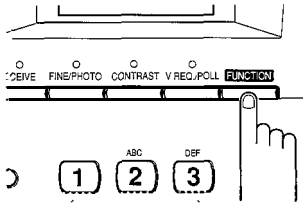
User Reports

Your fax machine can print reports containing useful information - transmission and reception verification, option settings, etc. The following reports are available :

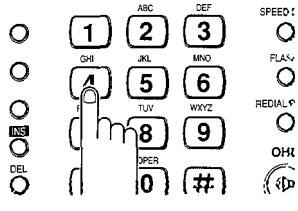
- **Confirmation Report** - This report can be printed on command, or by selecting the appropriate user option.
- **TX/RX Journal** - This report gives specific information concerning transmission and reception activities: the time and dates of the most recent transmissions and receptions, the phone numbers that were called, etc.
- **System Data List** - This list shows the status of the user-selectable options. After you change the settings, print this list to confirm your changes.
- **Tel. Number List** - This list shows all numbers currently stored in One-Touch and Speed Dial numbers. Before changing or adding automatic dial numbers, print this report to check which numbers are currently stored. Print this report after making changes to confirm the new settings.

Printing Reports

1
Press FUNCTION.

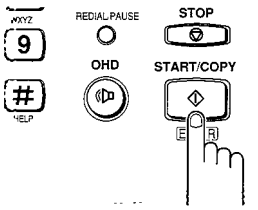


2
Press 4.



The LCD shows the message "[4] REPORT".

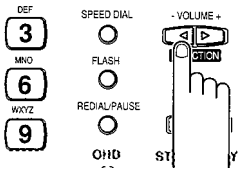
3
Press ENTER.



The LCD shows "CONFIRM.REPORT".

```
CONFIRM.REPORT
```

4
Select the report by pressing DIRECTION ◀ or ▶.



The LCD shovvs the name of the report you have selected.

```
TX/RX JOURNAL
```

◀Lists available
CONFIRM. REPORT
TX/RX JOURNAL
SYSTEM DATA LIST
TEL. NUMBER LIST

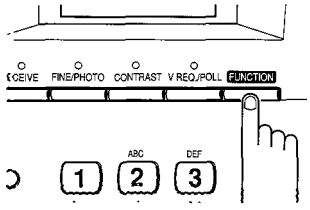
5
Press ENTER.

The specific list is printed.

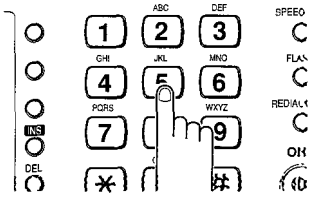
Clearing Memory

You can clear the information in your fax machine's memory.

1
Press FUNCTION.

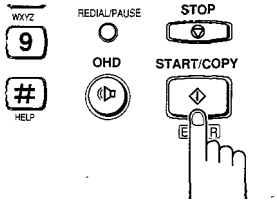


2
Press 5.

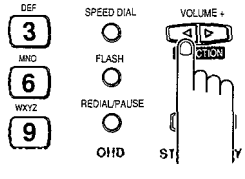


The LCD shows"[5] MEMORY CLEAR".

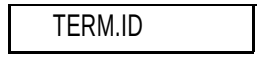
3
Press ENTER.



4
Select the desired menu by using DIRECTION ◀ or ▶.

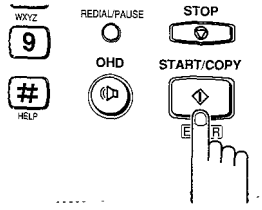


The LCD shows the menu you have selected.



◀Menus available :
TERM.ID
TX/RX JOURNAL
SYSTEM DATA
ONE TOUCH DIAL
SPEED DIAL

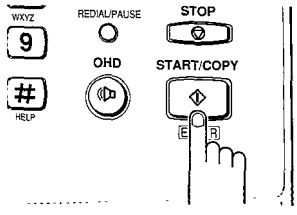
5
When the desired menu appears, press ENTER.



The LCD asks if you are sure you want to clear the memory.

ARE YOU SURE?

6
If you want to clear the memory, press ENTER.



The LCD shows the message "MEMORY CLEARED!".

MEMORY CLEARED!

◄ Then the machine returns to Step 4, so that you can select other memory locations to clear.

Press STOP to return to Standby mode.

Chapter Five

TROUBLESHOOTING & MAINTENANCE

Chapter Five

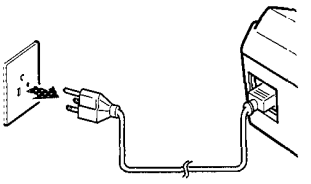
TROUBLESHOOTING & MAINTENANCE

In this chapter you will learn how to clear document jams, what the various error messages mean, how to fix fax problems, and where to call for more help.

Clearing Jams

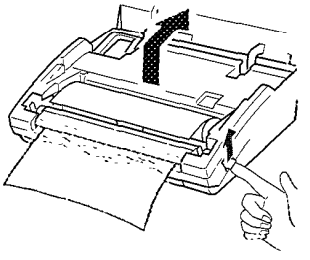
Document Jams During Transmission

1
Unplug the power cord.

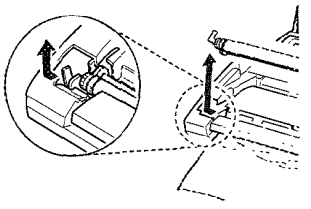


◄ If a document jams during transmission, do NOT pull the document out of the slot. Doing so could harm the fax machine.

2
Open the Cover by lifting up the Release lever on the side of the fax machine.

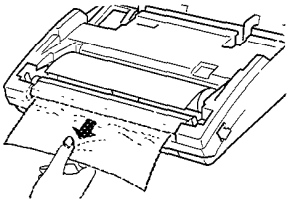


3
Raise the Roller.

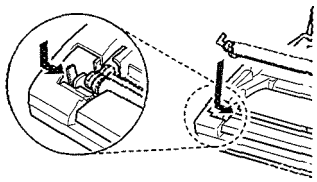


◄ While pushing outward on each white tab, lift the Roller up and out of the machine.

4
Remove the jammed document.



5
Replace the Roller following the reverse order of step 3.

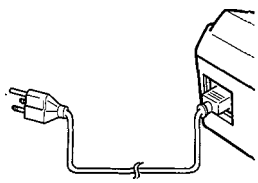


◄ Make sure it locks into place.

6
Close the Cover firmly.

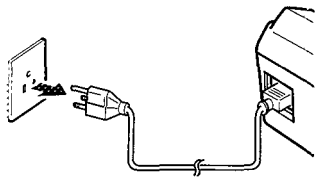
◄ Press down on the Cover using both hands until it snaps into place.

7
Plug in the power cord.



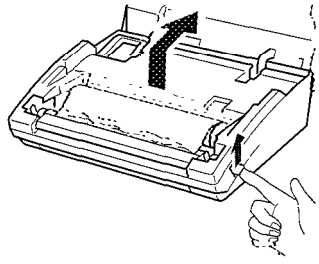
Paper Jams During Reception

1
Unplug the power cord.

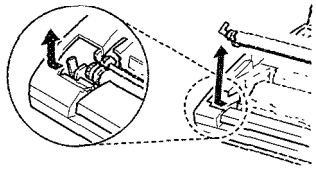


◄ If the fax paper jams while you are receiving, do **NOT** pull it out. Doing so could harm the fax machine.

2
Open the Cover by lifting up the Release Lever on the side of the fax machine.

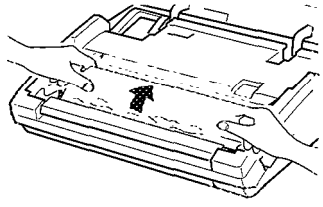


3
Raise the Roller.

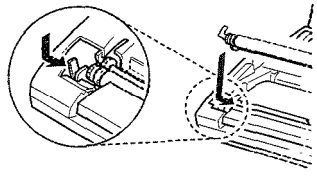


◄ While pushing outward on each white tab, lift the Roller and out of the machine.

4
Remove the jammed



5
Replace the Roller following the reverse order of step 3.

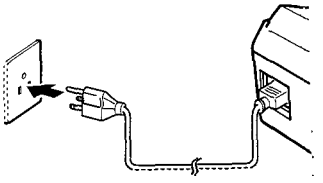


◄ Make sure it locks into place.

6
Close the Cover firmly.

◄ Press down on the Cover using both hands until it snaps into place.

7
Plug in the power cord.



Understanding Error Messages

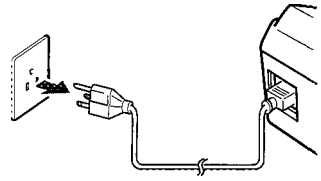
LCD Message	Meaning
COMM.ERROR	There is a problem with facsimile communication during transmission or reception. Press STOP and try again.
NO ANSWER	The machine you tried to call does not answer.
POLLING ERROR	The remote fax machine you want to poll is not ready to respond to your poll. If the remote machine is secured by passcode, it is not possible to poll a document.
DOCUMENT JAM	Original document is jammed in the Feeder.
NO PAPER	Machine is out of recording paper, or Cover is open.
OVERHEAT	This may happen when several all-black copies are received. When the machine cools down, it will automatically return to Standby mode.
CHECK HANDSET	The Handset has been accidentally lifted after sending or receiving is completed. Alarm tone sounds along with the error message. Replace the Handset, or press STOP.
LINE ERROR	Your unit cannot connect with the called machine, or has lost contact because of a problem on the phone line. Press STOP and try again. If failure persists, wait an hour or so far the line to clear, then try again.
CAM JAM	Machine does not change Gears properly. Turn the power off for 10 seconds. If problem continues, call Service Representative.

Cleaning the Roller and Thermal Head

To keep your machine working properly, occasionally clean the white roller and thermal head as shown below. If they are dirty, documents sent to other fax machines won't be clear.

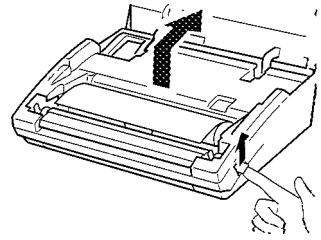
1

Unplug the power cord



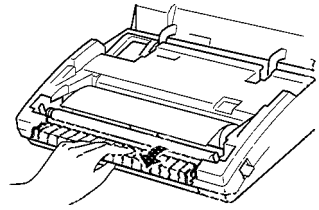
2

Open the Cover.



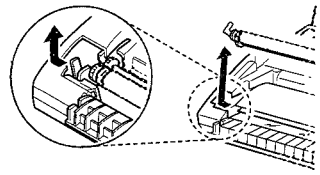
3

Release the Guide using both hands by pulling it in the direction of arrow.



4

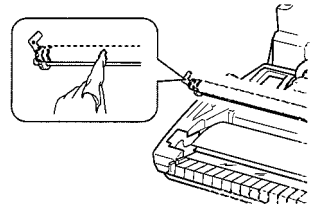
Raise the Roller.



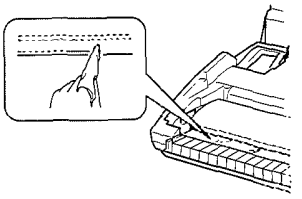
◄While pushing outward on each white tab, lift the Roller up and out of the machine.

5

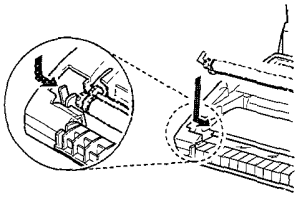
Wipe the Roller surface with fax cleaning wipes.



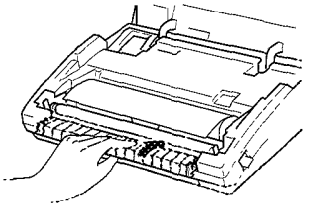
6
Wipe the Thermal Head surface with fax cleaning wipe.



7
Replace the Roller following the reverse order of step 4.



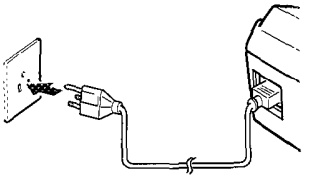
8
Replace the Guide.



9
Close the Cover firmly.

◄ Press down on the Cover using both hands until it snaps into place.

10
Plug the power cord back in.



Purchasing and Storing Paper

Purchase replacement rolls of coated thermal fax paper with an outer diameter of 2.05 in. (Total length of the paper roll is approximately 98.4 ft) Coated paper has a shiny surface, and will print better than uncoated.

◄ We recommend that you use only authorized recording paper. Other types of paper can produce poor results, and even damage your fax machine.

Contact your dealer for more information on paper.

Store rolls in a cool, dark place, at or below 76°F, and avoid humidity higher than 65%.

To keep fax pages from darkening and fading, keep them out of direct sunlight. Avoid temperatures above 105°F . Don't let them come in contact with blueprints (diazo copies), plastic films, or transparent tape. Keep stored page from touching each other face to face. If they touch, print can transfer from one to another.

Appendix

Appendix

Specifications

Type of unit	Desktop Facsimile Transceiver
Communication System	Public Switched Telephone Network and PABX
Compatibility	CCITT Group 3
Compression Scheme	MH, MR
Modem Speed	9600/7200/4800/2400 bps
Resolution	97.79 line/in, 195.58 line/in (3.85 lines/mm, 7.7 lines/mm)
Scanning Method	Flat-Bed scanning using CIS (Contact Image Sensor)
Printer	Thermal Print Head
Input Document Width	8.5 in (216mm)
Effective Scanning Width	8.27 in (210mm) ± 1%
Recording Width	8.5 in (216mm)
Thermal Paper Roll Size	98.4ft x 8.5 in (30m x 216mm) wide, 0.5 in (12.7mm) diameter core
Power Requirement	120V AC, 60 Hz
Power Consumption	Standby : 5 Watt Maximum when in use : 120.8 Watt
Temperature Range	50 to 95ºF (10 to 35ºC)
Humidity Range	20 to 80% RH (non-condensing)
Dimensions (WxDxH)	11.4 x 9.6 x 4.2 in (289.6 x 243.8 x 106.7mm)
Weight	6.6 lb (3.0 kg)

Warranty Information

Limited Warranty

Samsung Electronics America Inc. (SEA) warrants that this product is free from defective material and workmanship.
SEA further warrants that if this product fails to operate properly within the specified warranty period and the failure is due to improper workmanship or defective material, SEA will repair or replace the product at its option.

All warranty repairs must be performed by an SEA Authorized Service Center.

The name and address of the service location nearest you can be obtained by calling tollfree:

l-800-SAMSUNG
(l-800-726-7864)
Samsung consumer Affairs
Samsung Electronics American Inc.
One Samsung Place
Ledgewood, NJ 07852

Terms

- Labor — ninety (90) days
- Parts —one (1) year

On carry-in models, transportation to and from the service center is the customer's responsibility.

The original dated sales receipt must be retained by the customer and is the only acceptable proof of purchase. It must be presented to the authorized service center at the time service is requested.

Exclusions

This warranty does not cover damage due to accident, fire, flood and/or other acts of God: misuse, incorrect line voltage, improper or unauthorized repairs, commercial use, or damage that occurs in shipping. Exterior and interior finish, batteries, lamps, and glass are not covered under this warranty.

Customer adjustments that are explained in the Operator's Guide are not covered under the items of warranty. This warranty will automatically be void for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in the United States and Puerto Rico. Some states do not allow the exclusions or limitations of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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