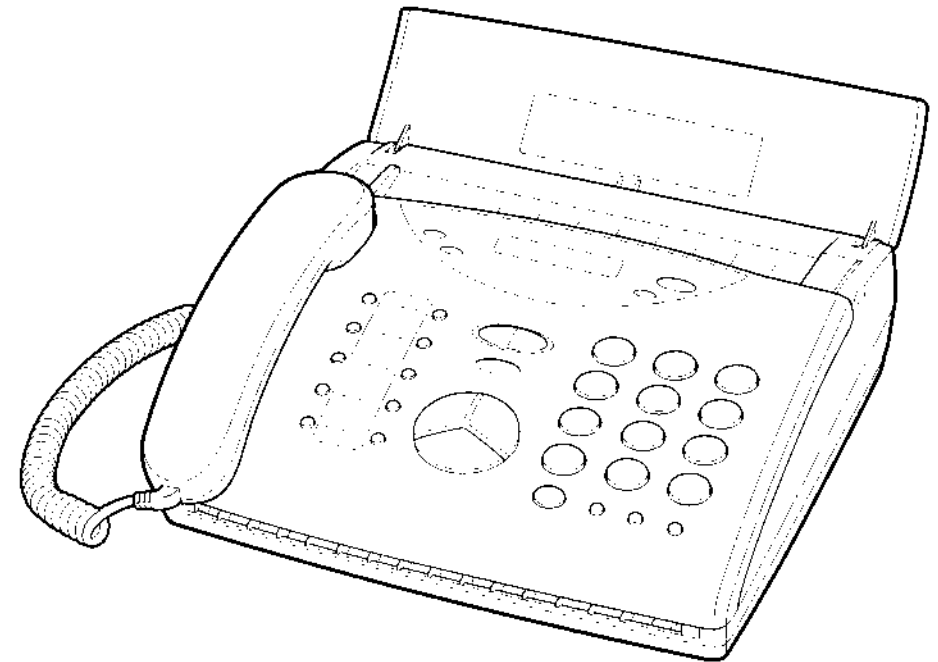


**SANYO**

INSTRUCTION MANUAL

**SFX-111**

Facsimile Transceiver



**SANYO**

SANYO Electric Co., Ltd.

# Precautions

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## Placement precautions

- Avoid placing the SFX-111 in humid or dusty places, or in places where it will be exposed to excessive heat (direct sunlight, heaters, etc.).
- Do not step on or set anything on the AC cord. **DAMAGE TO THE AC CORD IS A SAFETY RISK AND CAN CAUSE A FIRE.**
- Install the unit only on a stable surface.
- Do not connect the SFX-111 to the same AC power wall outlet as appliances that generate large amounts of interference (heaters with thermostats, appliances with motors, etc.). It is best to use a completely separate electrical outlet.
- Keep the unit away from water. If water accidentally enters the unit, unplug the power cord immediately. **DO NOT PLUG IT INTO AN OUTLET AGAIN.** Contact an authorized Sanyo service center or dealer.

## Handling precautions

- Do not remove any parts that are held in place with screws. (The unit does not contain any user-serviceable items.)
- Maintain standard room temperature 5°C-35°C (41°F-95°F) during use. Do not subject the unit to shock or vibration. Do not move the unit while it is in use.
- A rapid increase in room temperature in cool weather can cause condensation to form inside the unit. If this happens, wait at least 15 minutes after turning the unit on before attempting to operate it. Failure to do so may result in paper jams and/or poor print quality.
- When cleaning the cover or operation panel of the unit, wipe gently using a damp cloth to which a small amount of a neutral detergent has been added. **NEVER USE SOLVENTS OR CHEMICALLY TREATED CLOTHS.**

# Introduction

---

Thank you for purchasing the SFX-111. This facsimile transceiver has a host of special features that allow you to take advantage of many services\* offered by telephone companies, including Caller ID (Call Display™), Duplex ringing and Electronic Voice Mail (Call Answer™) services.

Other outstanding features of the SFX-111 include:

## Fax features

- 10-page automatic document feed
- Automatic paper cutter
- 4 resolution modes (standard/fine/superfine/halftone)
- 64-shade halftone
- Timer transmission
- Polling reception
- Overseas transmission mode
- Automatic redial
- Refuse reception
- 30-meter roll of recording paper
- Compatible with plain-paper quality thermal paper

## Phone/Dialing Features

- Caller ID compatible 50-number Directory™ allows you to create your own electronic telephone directory. It keeps a log of incoming callers' names/numbers and automatically stores the numbers you dial in its memory. You can edit numbers in the Directory™ as well as add new numbers. A displayed Directory number can be dialed out at the touch of the **START** key.
- 10-number one-touch dialing memory
- Automatic switching between telephone, fax machine and an answering system (that is connected to the SFX-111)
- 16-character LCD display
- Built-in telephone handset

\*Contact your local telephone company for more detailed information.  
All special services require a subscription from your telephone company.

In order to use the SFX-111 effectively and keep it in good working order, read this instruction manual thoroughly and keep it for future reference.

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## Unpacking and accessories

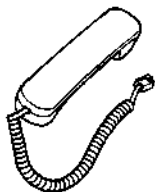
### To unpack the SFX-111:

1. Remove the accessories (handset, recording paper roll, etc.) from carton.
2. Remove the fax machine along with the foam braces on both sides.
3. Remove the plastic wrapping around the fax machine.
4. Remove the transportation tapes.
5. Save the carton and the foam braces for later storage and/or shipping.
6. Place the unit where there is access to an AC outlet and a modular phone jack.  
(Be sure to observe the precautions found on page 1.)

## Accessories

Make sure the accessories listed below are included with the unit.

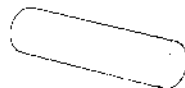
### Accessories (included with machine)



- Handset
- Instruction manual



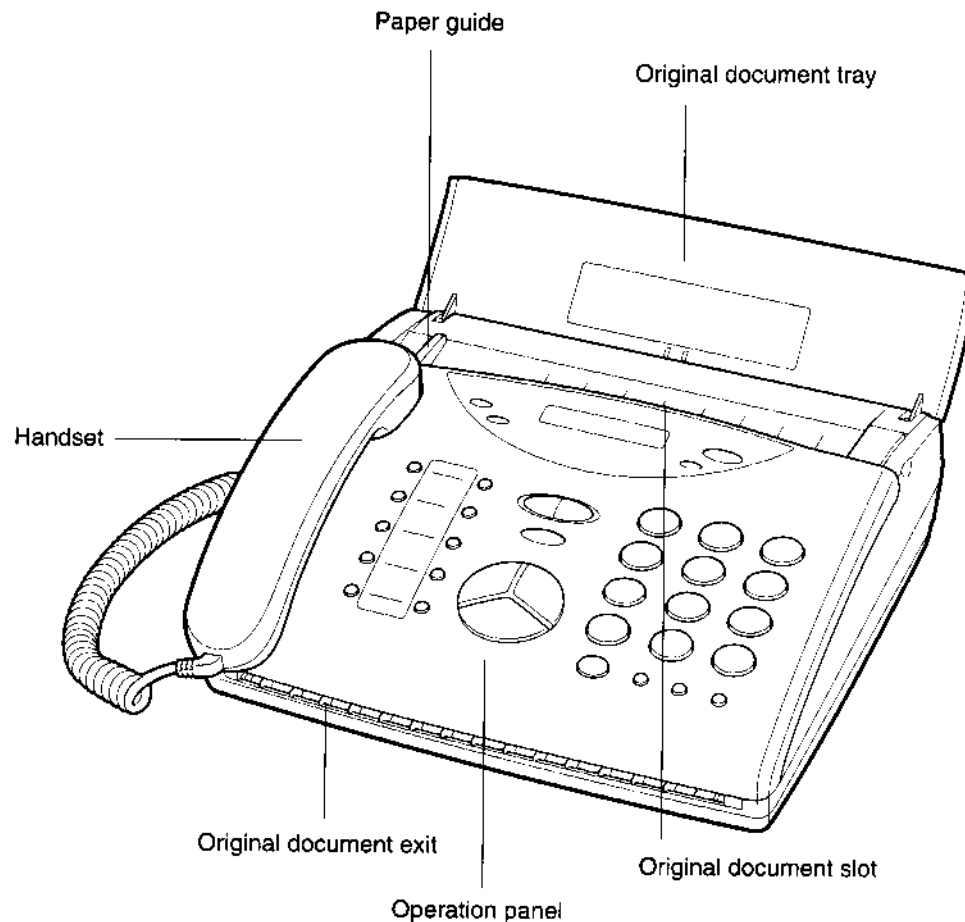
- Telephone line cord



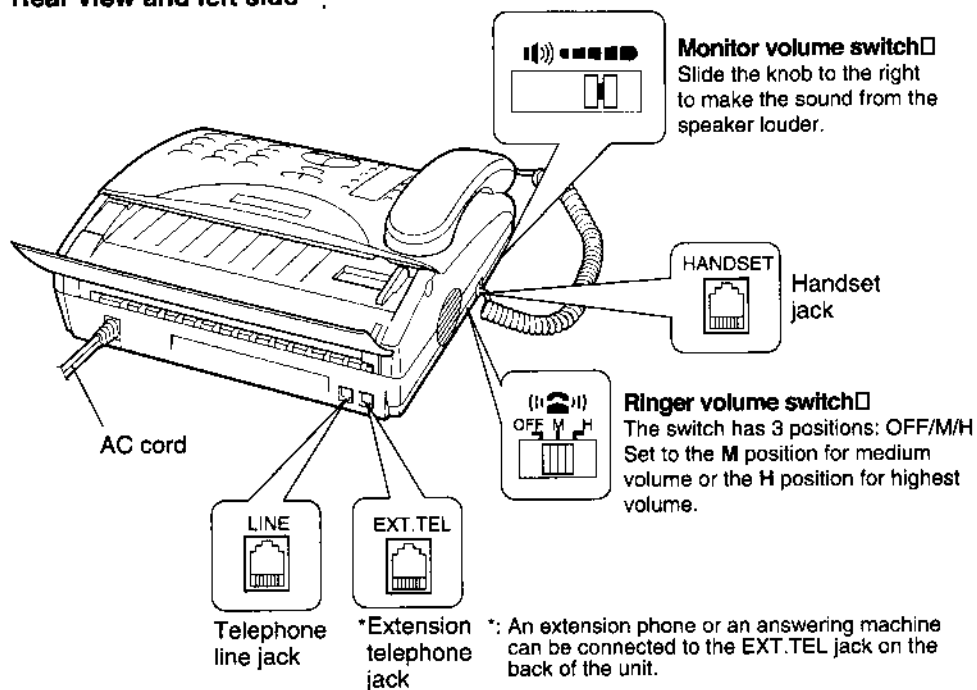
- Thermal paper

## Part names and functions

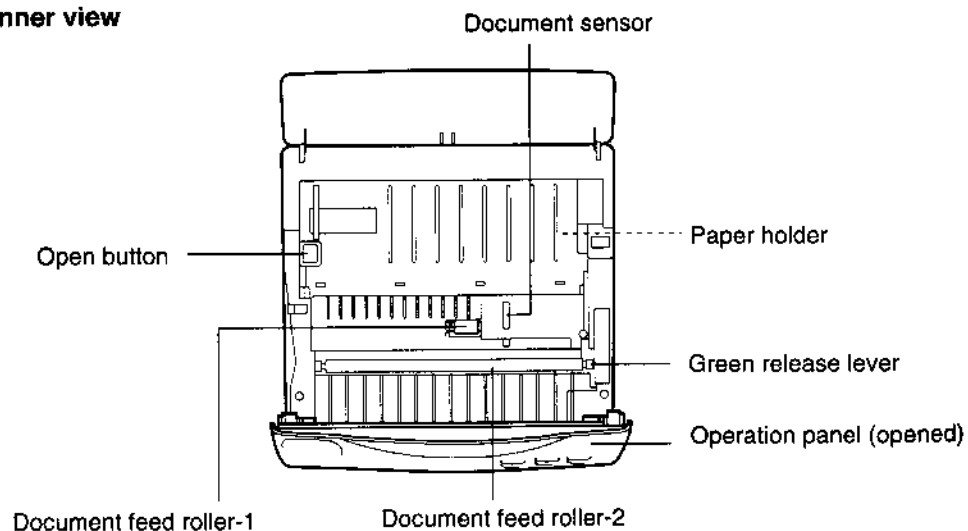
### Front view



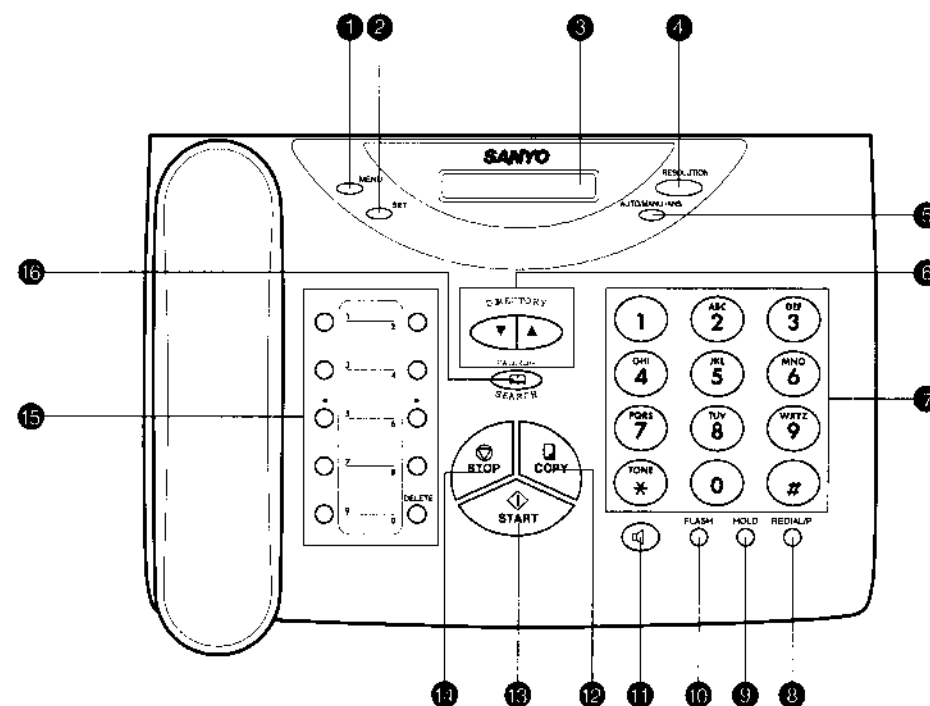
## Rear view and left side



## Inner view



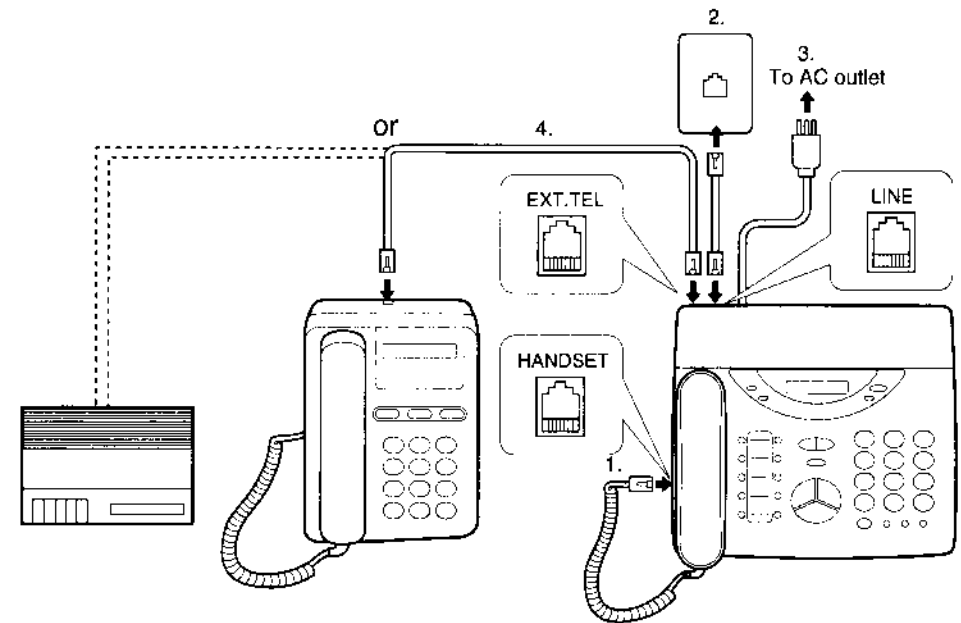
## Operation panel



1. <b>[MENU]</b> key	• Press this key when selecting various functions.
2. <b>[SET]</b> key	• Press this key to confirm selections.
3. Display	• Shows calendar and clock time in standby mode and prompts during operation.
4. <b>[RESOLUTION]</b> key	• Press this key to select resolution setting.
5. <b>[AUTO/MANU/ANS.]</b> key	• Press this key to select a reception mode AUTO, MANUAL ANSWER.
6. <b>DIRECTORY</b> [▲] and [▼] keys	• Press these keys to scroll through the Directory list on the display.
7. Number keys 0-9, #, *	• These keys are used to dial fax and phone numbers and to change various functions.
8. <b>[REDIAL/P]</b> key	• Press this key to redial the last number dialed. • Press this key to insert a pause between two digits in a number being dialed.

9. [HOLD] key	<ul style="list-style-type: none"> <li>Temporarily places a call on hold.</li> </ul>
10. [FLASH] key	<ul style="list-style-type: none"> <li>Press to switch between two callers in Call Waiting operation.</li> <li>Press to start a three-way conference call.</li> </ul>
11. [M] (speaker) key	<ul style="list-style-type: none"> <li>Press to monitor a call without using the handset.</li> </ul>
12. [COPY] key	<ul style="list-style-type: none"> <li>Press to make a copy and to print a list.</li> </ul>
13. [START] key	<ul style="list-style-type: none"> <li>Press to start transmission or manual reception.</li> </ul>
14. [STOP] key	<ul style="list-style-type: none"> <li>Press to interrupt transmission/reception/copying or to clear the "TRANSMIT AGAIN" indication.</li> <li>Press to cancel various setting and dialing functions and to remove an original document that has been placed in the unit.</li> </ul>
15 One-touch keys	<ul style="list-style-type: none"> <li>Frequently dialed numbers can be stored in memory using these 10 keys.</li> <li>Also used in programming: <ul style="list-style-type: none"> <li>[5] ◀ (moves cursor to the left.)</li> <li>[6] ▶ (moves cursor to the right. Also functions as ENTER key in name programming.)</li> <li>[0] DELETE (functions as DELETE key.)</li> </ul> </li> <li>And, also used in Directory feature. <ul style="list-style-type: none"> <li>[5] ◀ (to display the previous page of an entry.)</li> <li>[6] ▶ (to display the next page of an entry.)</li> </ul> </li> </ul>
16. [Ⓜ] key	<ul style="list-style-type: none"> <li>Press this key to search an entry by its name's initial letter.</li> </ul>

## Telephone line and AC power connections



1. Connect the handset cord into the **HANDSET** jack.
2. Connect the telephone line to the **LINE** jack using the supplied telephone cord.
  - The **SFX-111** should not share a modular telephone jack with other communication equipment, as this may obstruct the proper functioning of the unit.
3. Connect AC power cord of the SFX-111 to an AC wall outlet.
  - The AC outlet should be located near the equipment and easily accessible.
4. An extension telephone or an answering machine can be connected to the **EXT.TEL** jack.

### Note:

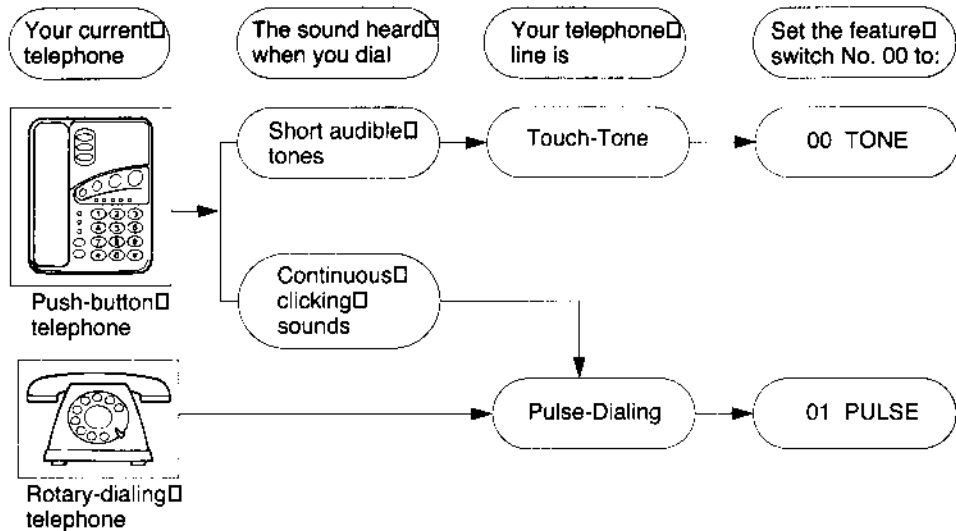
- If you have custom calling services that produce tones or clicks during line use (such as Call Waiting), some difficulty may be experienced in the operation of your fax unit. Consult your telephone company.

### Caution:

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network.
- Use caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless handset) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.

## Dialing mode

The SFX-111 has been factory-set to the Pulse dialing mode.  
If your telephone line uses TONE dialing, you must change the dialing mode setting using the feature switch No. 00.



• If you are still not sure which dialing system your telephone line uses, contact your telephone company.

### To change dialing mode to TONE:

1. Press [MENU] 4 times.

4: FAX SET-UP ?

2. Press [SET].

1: SET CLOCK ?

3. Press [MENU] twice.

3: FEATURE SW. ?

4. Press [SET].

(0) DIAL MODE

5. Press [SET].

10 PPS (0)

6. Enter [0] and [0] to select the TONE mode.

TONE (0)

7. Press [SET].

(0) PAUSE TIME

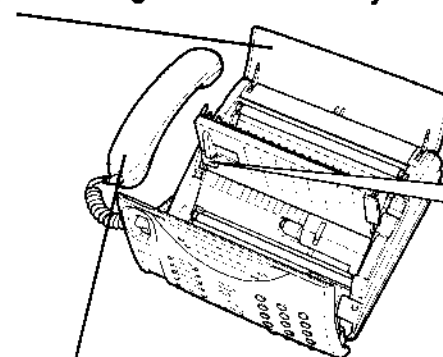
8. Press [STOP] twice to return to standby mode.

26 Jun.' 98 12:00

## Recording paper

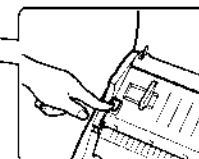
### How to install the recording paper roll:

1. Open the original document tray.

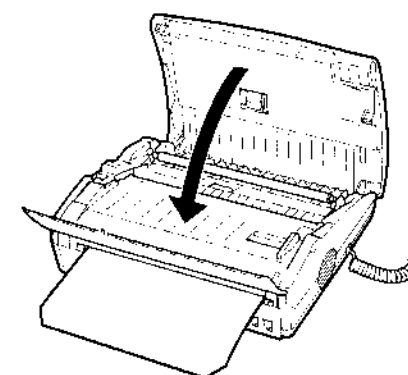
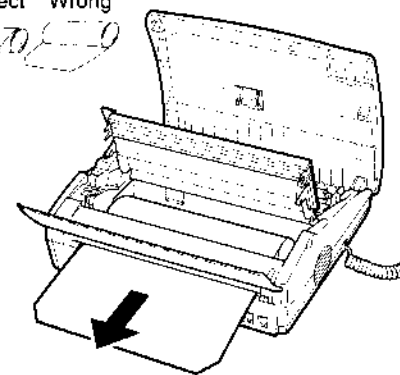
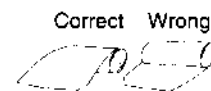


2. Lift the handset and open the operation panel.

3. Press the [OPEN] button to open the recording paper cover.



4. Place the supplied roll, in the direction shown in the diagram, in the paper holder.



5. Remove any slack from the roll and insert the end of the roll into the recording paper exit (located above the black roller) until it extends about 4 inches (10 cm).

6. Close the recording paper cover by pressing both left and right corners of the cover firmly. The SFX-111 cuts the extra recording paper automatically. Close the operation panel firmly.

- Use only the recording paper specified for the SFX-111.

#### High-grade thermal paper

The SFX-111 is compatible with high-grade thermal paper, a new type of fax recording paper that has plain-paper quality. Unlike regular thermal paper, the high-grade thermal paper does not fade with time and can be written on with a pencil.

**SANYO Type: 3RE2182800450**, 216 mm (8.5") wide and 25 m (82') long.

#### Thermal paper

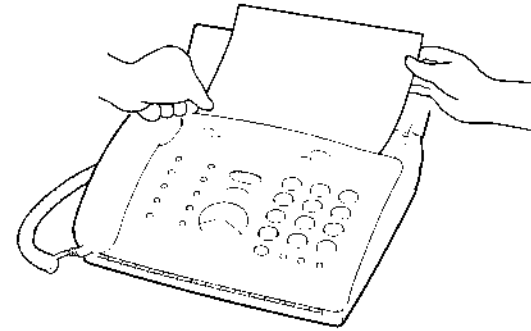
**SANYO Type: R-4079448-1**, 216 mm (8.5") wide and 30 m (98') long.

To purchase, contact your dealer.

## Copying (Confirming proper operation)

Make a copy to confirm that the unit is operating properly.

1. Place the original document face down.



STANDARD

2. Press [COPY].

\*\*\* COPY \*\*\*

- 3 After copying is completed, the recording paper is cut automatically.

26 Jun.' 98 12:00

#### • MEMO sheet

You can issue a blank sheet to write a memo.

Press [COPY] with no original inserted in the original document slot. The SFX-111 produces a blank memo sheet of about 10 cm (4") long. The MEMO sheet feature can also be used while the telephone is in use.



## Telephone calls

### Making a telephone call

1. Lift the handset or press [  ] (speaker) key.

26 Jun.' 98 12:00

2. Dial the number you want to call.

**Example:** 111-2222

- To dial a number, you can choose any of the following dialing methods:

One-touch dial (page 16)

Using the Directory™ (page 23)

Using the [REDIAL/P] key (page 17)

Using the number keys

1112222

3. When the call is answered, lift the handset and talk.

### Answering a telephone call

1. The telephone rings.

Lift the handset.

2. Hang up when the conversation is completed.

### Temporary Touch-Tone dialing access

Even if you have a pulse dialing line, you can temporarily use Touch-Tone dialing to access special services such as electronic banking.

1. Dial the number you want to call.

2. When your call is answered, press [ \* ].

3. Enter the number required to access special services.


- The SFX-111 stays in Touch-Tone mode until the call ends or the [FLASH] key is pressed.

## One-touch dial

This feature allows you to dial a stored number at the touch of a single key.

Before one-touch dialing can be used, the phone numbers of the parties must be programmed into memory. A maximum of 10 one-touch dialing numbers can be stored in memory. (See pages 48-54 for programming instructions.)

### To place a call using one-touch dialing buttons:

1. Press [  ] (or lift the handset).

26 Jun.' 98 12:00

2. Press the one-touch key (0-9) for the party you want to call.

Alison McNab

- ➔ The phone number programmed in the memory for that one-touch dialing key is dialed out. The programmed name appears on the display.

3. When the call is answered, lift the handset and talk.

26 Jun.' 98 12:00

## Hold

---

1. Press **[HOLD]** during a telephone conversation.  
The call is put on hold.  
You can replace the handset, without losing the other party.
2. Press **[HOLD]** or lift the handset to continue the conversation.


\*\*\* HOLD \*\*\*

- An extension phone user cannot talk with the caller while a call is on hold.
- The SFX-111 has been factory-set with a music-on-hold feature (the music is Greensleeves). Use the feature switch No. 10 to turn off this feature (no music while a call is on hold). See pages 63-67 for detailed instructions.

## Redial

---

The **[REDIAL/P]** key redials the last number dialed.

1. Press **[**] (or lift the handset).
2. Press **[REDIAL/P]**.  
➔ The last number dialed is redialed.
3. When the call is answered, lift the handset and talk.

## Directory™ and Caller ID

---

The SFX-111's Directory feature enables you to create your own electronic telephone directory with up to 50 names and numbers stored in it.

When you subscribe to your telephone company's Caller ID service, the Directory™ automatically keeps a log of all incoming phone and fax calls with the caller's name, number, date and time and frequency of calls from that number.

The Directory™ also automatically keeps a log of all outgoing phone and fax\* calls you make from the SFX-111 (except for those dialed from one-touch dial keys since those numbers are already stored in a separate memory of the SFX-111.)

If you are making or receiving a phone or fax call and that number is already in the Directory™, it will not be stored again as a new entry, but will simply be updated (number of times called, most recent date/time of call).

You can personalize the Directory™ by editing the name/or number of any entry on the list, erasing unwanted entries, transferring most frequently dialed entries to the one-touch dialing memory, or adding new names/numbers to store in its memory.

You can also print out a hard copy of the Directory list for later use.

The Directory™ has a maximum capacity of 50 entries. Once the Directory™ has accumulated 50 entries, as each new call (that isn't already in the Directory™ list) comes in or is placed, the oldest number is bumped. However, the numbers you have edited or personally programmed into the Directory™ will not be bumped and will remain in the memory until you erase them.

\*When you send a fax and see the name of a receiving party on your display, the name and the number will be stored in the Directory™.

## Caller ID

When you subscribe to Caller ID service, the LCD display shows the name\* (or telephone number) of the caller before you pick up the phone. The display typically appears between the first and second rings and stays on until you end the call.

\* The name and number display capabilities vary by region. In some areas, only the name or number can be shown. Some long distance calls may not be compatible with Caller ID service. If your Caller ID service cannot show the calling name or number, the reason will be indicated. This varies, depending on the type and origin of call.

### IMPORTANT

To use Caller ID on the SFX-111, you must change the setting of **Feature switch No. 46 (Call Display™ function)**. See pages 63-67.

Once it is set to function with Caller ID service, the SFX-111 automatically changes its ring delay count, since most Caller ID services require a minimum of 2 rings to identify and incoming call. With Feature switch No. 46 (Call Display™) set to the ON position (01), the SFX-111 always rings at least 3 times (more if you have set Feature switch No. 07 to 4 rings or higher).

If you connect an answering system to the SFX-111, the ring delay setting of the answering machine must be set to 2 rings or higher.

## Caller ID display example

### Caller ID display examples

When a call comes in, the LCD display may show one of the following:

Alison McNab	Caller name
456-7890	Caller name is not available
L5145-1234	L: long distance indicator Appears only if this service is provided by the caller's telephone company.
LONG DISTANCE	Long distance indicator Appears when a long distance call cannot be identified.
OUT OF AREA	Call is from an area unable to provide Caller ID service to your area.
PRIVATE CALLER	Indicates that this number is suppressed at caller's request.
ERROR DETECTED	Indicates that your system could not read the number.

### When a FAX call is received

When the SFX-111 detects a fax signal, the caller ID display switches to FAX reception display showing the information the sender has programmed into his/her fax machine as the header.



## Reviewing new callers' list

If a call is not answered, the Caller ID information that appears on the display is kept in the SFX-111 memory as a new call.

The display indicates:

NEW CALLS

Press [▲] or [▼] to review the new callers' list.

3 CALLS BUMPED

Indicates that there have been 3 callers bumped since your last review.

2 NEW CALLS

Indicates you have two new callers in the memory. This number does not include unknown calls. Press [▲] or [▼].

Edward Smith

The first new caller's name appears. When the caller's name is not available, the number appears.

Each entry on the new callers' list has three pages. Use the cursor shift keys ([◀] and [▶]) to move between pages.

John Smith

2233-4444

X 5 Jun. 26 12:00

Name of caller

Telephone number

Number of times caller dialed (5 times) and the date/time of the call\*

X 1 26 Jun. 11:45

\*Only the date/time of the most recent call is indicated.

Press [▲] or [▼] to display the next entry.

3 UNKNOWN CALLS

This indicates there have been 3 unknown calls since your last review.

END OF NEW CALLS

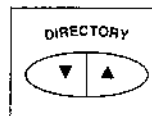
Indicates you have viewed all new calls.

- As you review the list of new callers, you can dial the displayed number immediately at the touch of the [START] key.
- Once you have reviewed the new callers' list, the names/numbers are added to the Directory™ list.

## Reviewing Directory™ list

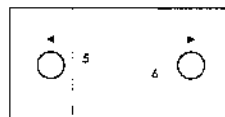
When reviewing the Directory™ list, you will notice that all entries are ordered according to call frequency -- at the start of the list are the names/numbers that you have called or have called you the most. The remaining entries are listed according to decreasing call frequency ending with the names/numbers called least often. (If you have not checked for new callers, the new callers list appears first.) You can also search for a caller's name by its initial letter.

Use [▲] or [▼] to review the list.



The displayed number can be dialed out at the touch of the [START] key or transferred to the one-touch dial memory.

You can view attached information of a displayed entry using the cursor shift keys ([◀] and [▶]).



John Smith

Name

2233-4444

Telephone number

X 5 26 Jun. 12:00

Number of times the caller rang or you dialed (5 times) and the most recent date/time of the call


Press [▲] or [▼] again to view other entries in the list.

When no entry has been stored, the display indicates:

NO ENTRY

and then returns to the standby display.



## Placing a call using the Directory™

1. Press [  ] (or lift the handset).
2. Press [▲] or [▼] to select the number.  
➔ The first number in the list appears  
The display scrolls continuously if you press and hold the [▲] or [▼] key.

3. Press [START] when the desired number is displayed.  
➔ The SFX-111 dials the number.

### Searching a name by its initial letter

The Directory™ feature lets you search for callers using the first letter of their names.

1. Press [  ] (or lift the handset).
2. Press [  ].
3. Enter the first letter of the person's name using the dialing number keys.


Key	Characters
2	A, B, C
3	D, E, F
4	G, H, I
5	J, K, L
6	M, N, O
7	P, Q, R, S
8	T, U, V
9	W, X, Y, Z

Each time a number key is pressed, the letter one position to the right is displayed.

**Example:** To enter C, press [2] three times.

4. Press [▼] to scroll down the list.
5. Press [START] when the desired party is displayed.  
➔ The SFX-111 dials the number.

### To view the Directory™ list in alphabetical order:

Press [  ] and then [▲] or [▼]. The display shows all names stored in the Directory™ in alphabetical order. Entries with no names attached are shown in numerical order after the name list.

## Voice mail

When you subscribe to a voice mail service offered by the telephone company, your callers can leave voice messages in the phone company's "electronic mail box". You can retrieve them by calling a designated voice mail phone number.

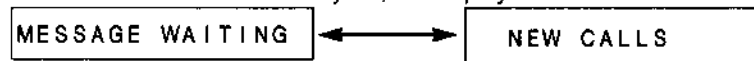
The SFX-111 provides several convenient features for voice mail subscribers.

### IMPORTANT

If you use a single phone line for both fax and phone, and want to subscribe to a voice mail service, you must have a Duplex ringing service, and assign a separate number for fax calls. Otherwise, adding a voice mail service to a line on which you receive both fax and phone calls may result in some incoming faxes being prematurely routed to the voice mail.

The display shows "MESSAGE WAITING" when you have messages in your "mail box".


If you have new calls in the Directory list, the display alternates:



### To dial voice mail service

You can program your voice mail phone number to a one-touch dialing key to quickly access the "mail box".

### To retrieve voice mail messages

1. Lift the handset (or press [  ] key).
2. Press the one-touch dialing key programmed with your voice mail phone number or dial the number using number keys.
3. Follow the instructions provided by your phone company to operate various mail functions.

## Duplex ringing

---

You can set the SFX-111 to duplex ringing by feature switch No. 56. To change setting, see pages 63-67.

Initial factory setting of feature switch No. 56 is OFF (No duplex ringing).

Set to ON when this service is applied by H.K. telecom (application is required).

Once this mode is selected, the SFX-111 operates as follows.

In case of normal ring: No ring detection is carried out, only phone rings until the operator lifts the handset.

In case of fax ring: The SFX-111 detects the ring after 2 rings and release the fax tone to the caller.

### Note:

- Once duplex ring is set to ON, the SFX-111 operates according to the ring as described above, no matter what the reception mode is set.

## Call Waiting

---

The Call Waiting service provided by your telephone company offers you the convenience of answering an incoming call when you are already on the phone with another party. Use the **[FLASH]** key to switch between two callers.

A subscription from your telephone company is required to access this service.

1. When you hear a beep while you are on the phone, press **[FLASH]** once. This places the first caller on hold, and you can now talk to the second caller.
2. Press **[FLASH]** again to return to the first caller.

## Three-way conference call

---

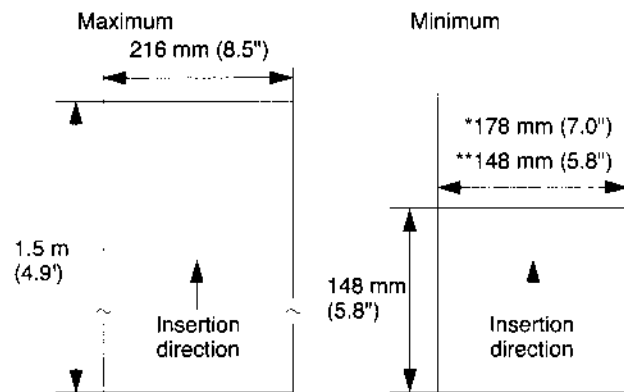
A three-way conference call service offered by your telephone company allows you to connect to two callers at a time.

1. Press **[FLASH]** while you are already on the phone with the first party.
2. When you hear a dial tone, dial the phone number of the second party you want to include in your conversation with your first party.
3. When the second party answers, press **[FLASH]** again. You and your two parties are connected to each other.

Your telephone company will provide you with more detailed instructions on Call Waiting and three-way conference calls.

## Original documents

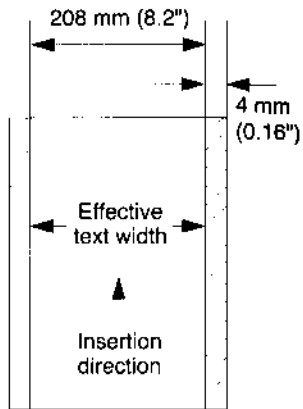
### ■ Transmittable original size



\*: multi-page documents  
\*\*: single-page document

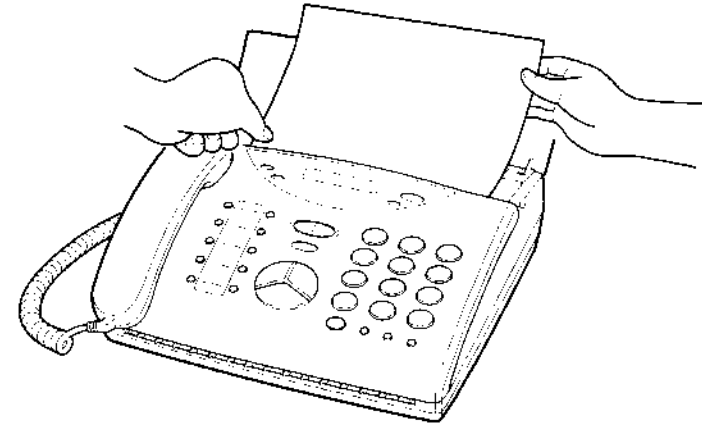
**Note:** If an original document is larger or smaller than the sizes specified above, it should be reduced or enlarged by a photocopier, and the copy can be used as an original document.

### ■ Effective text width



## Sending faxes

### Placement of original documents



1. Adjust the paper guide to the width of the document.
2. Place the document face down between the guides and gently insert it in the slot of the original document tray.  
The document advances slightly.

#### When transmitting multiple-page documents:

Stack the sheets with the front edges of all sheets aligned straight.

#### Note:

- Up to 10 sheets can be placed in the original document tray at one time. When transmitting more than 10 sheets, place the first 10 and then add more during transmission.

### ■ Effective thickness

	1 original sheet	multiple sheets
thickness (per sheet)	0.05 - 0.15 mm (0.002" - 0.006")	0.08 - 0.13 mm (0.003" - 0.005")

#### Notes on the suitability of documents: □

- Allow ink and/or glue to dry completely before inserting a document.
- Do not transmit curled or folded documents.
- Make sure that any paper clips, staples or pins have been removed from documents.
- When an original is carbon paper, waxed paper or vinyl-coated paper, use a photocopy of the original.
- Never use documents thicker than 0.15 mm (0.006"), metal sheets or cloth.  
Use a photocopy instead.

## Resolution/Contrast

### RESOLUTION



The SFX-111 allows you to select different resolution and contrast modes for fax transmission and copying. Select the most suitable mode for your original document after placing it in the original tray. You can also set the SFX-111 either to remain in the selected mode until another selection is made, or to revert to the default mode after each transmission/copying.

To set resolution, use the **[RESOLUTION]** key. To set **CONTRAST**, use the feature switch No. 28. (See pages 63-67.)

1. Place the original document in the original document tray.  
The first page advances slightly, and the display changes to:

STANDARD

This indicates that the unit is currently set to standard resolution (**STANDARD**) mode.

2. Press the **[RESOLUTION]** key 1 to 4 times to select the desired mode.

#### **[RESOLUTION]**

STANDARD	For text in standard typefaces.
↓	
FINE	For text with small or fine type and for drawings.
↓	
SUPERFINE	For text with very small characters and/or graphics. The superfine communication mode is possible only with Sanyo fax models with the superfine feature and with non-Sanyo models that have the international standard (ITU-T) superfine feature.
↓	
HALFTONE	For transmitting or copying documents with varying shades of gray, (photographs, for example). When HALFTONE is selected, the resolution mode is automatically set to the FINE setting.

- Use feature switch No. 27 to switch between **Not return** and **Return home** modes. The initial factory setting is in the **Not return** position. (See pages 63-67.)

#### **CONTRAST**

Set the contrast using feature switch No. 28.

**NORMAL** (Setting No. 00) For normal contrast documents.

**LIGHT** (Setting No. 01) For low contrast or very light documents which need to be transmitted or copied darker.

## Manual transmission

Manual transmission is like placing a call and then sending a fax. When your call is answered by a fax tone, the SFX-111 automatically starts fax transmission.

1. Place the original document face down in the original document tray  
Adjust the paper guide to the width of the document.

2. Select a resolution mode if necessary.  
(See page 29.)

STANDARD

3. Lift the handset (or press **[ ]**).

STANDARD

4. Dial the number.

**Example:** 111-2222

1112222

You can use one of the following dialing methods:

#### **One-touch dialing**

Press a one-touch key (0-9). Programming is required in advance. See pages 48-54.

#### **Directory dialing**

Select the party and press **[START]**. See page 23.

#### **Direct dialing**

Dial the number using the number keys.

#### **Redial**

Press **[REDIAL/P]**.

5. When the SFX-111 detects a fax tone issued by the receiving unit, transmission begins automatically.  
➔ The name/number of the receiving party appears on your display if their fax machine has a station ID programmed.


Alison McNab

6. Replace the handset.

- If a person answers your fax call at step 5, you can send a fax by pressing **[START]** after the conversation.
- Press **[STOP]** to interrupt a transmission or to remove a document set for transmission.
- If you make a mistake when entering a number, replace the handset and lift it again (or press **[ ]** twice), then enter the correct number.
- Feature switch No. 54 must be set to the ON (01) position for auto progress transmission to take place at step 5. (This feature is factory-set to ON) See pages 63-67.  
If it is set to the OFF (00) position, the **[START]** key has to be pressed to initiate transmission.



## Automatic transmission

You can send a fax without using the handset or speaker (  ) key.

This is called "automatic transmission" since your unit automatically sends a fax signal to the party if you do not use the handset or speaker key.

1. Place the original document face down.  
Adjust the paper guide to the width of the document.

STANDARD

2. Select a resolution mode if necessary.  
(See page 29.)

STANDARD

3. Dial the number.  
**Example:** 111-2222

You can use one of the following dialing methods:

### One-touch dialing

Press a one-touch key (0 - 9). Programming is required in advance. See pages 48-54.

### Directory dialing

Select the party and press [START]. See page 23.

### Direct dialing

Dial the number using the number keys and press [START].

### Redial

Press [REDIAL/P].

4. When the line is connected, transmission begins automatically.  
➔ The name/number of the receiving party appears on your display if their fax machine has a station ID programmed.

1 1 1 2 2 2 2

Alison McNab

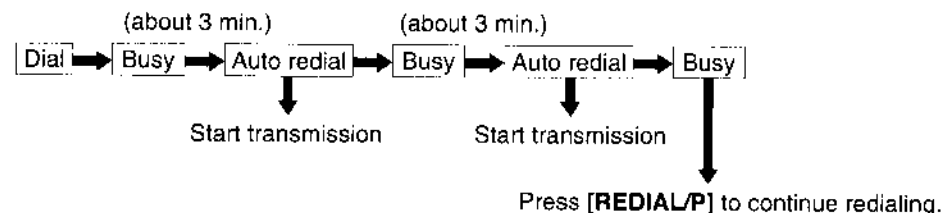
- If the line is busy or there is no answer, the unit automatically redials the number twice.  
(See page 32.)
- Press [STOP] to interrupt a transmission or to remove a document set for transmission.
- If you make a mistake when dialing a number, press [STOP], then enter the correct number.

## Redial

### Automatic redial

When an automatic fax transmission attempt fails due to a busy phone line or no answer, the SFX-111 automatically redials the number two more times.

Display shows: **WAITING REDIAL**



- If the document has been removed, automatic redialing is canceled.
- The SFX-111 is set to redial a number twice (three times for a number dialed using the timer transmission) at three-minute intervals. These settings can be changed using features switches No. 05 and No. 06. (See pages 63-67.)

### Manual redial

1. Press [REDIAL/P].  
The number is redialed.

## Overseas transmission

When you transmit a fax to an overseas party, a poor telephone line connection may cause a transmission error to occur. Using the overseas transmission feature may reduce communication errors with overseas parties.

1. Place the original document face down.  
Adjust the paper guide to the width of the document.

STANDARD

2. Select a resolution mode if necessary.  
(See page 29.)

STANDARD

3. Press **[MENU]**.

1: POLLING Rx. ?

4. Press **[#]**.  
➔ A beep sounds.

OVERSEAS Tx. SET

5. Enter the overseas access code.  
**Example:** 011

011

6. Press **[REDIAL/P]** to enter a 3-second\* pause.

011;

7. Dial the country code and fax number.  
**Example:** 49111222333

011;49111222333

8. Press **[START]**.  
➔ When the line is connected, transmission begins automatically.

011;49111222333

\* A pause time is initially set to 3 seconds. This can be changed to between 2 and 12 seconds using the feature switch No. 01. See pages 63-67.

• The overseas transmission feature may also be used for local communications when a transmission error occurs.

## Timer transmission

The SFX-111 can be programmed for delayed fax transmission. The delayed start time can be set up to 24 hours in advance. A maximum of 10 pages can be sent to one destination using the timer feature.

1. Place the original document face down.  
Adjust the paper guide to the width of the document.

STANDARD

2. Select a resolution mode if necessary.  
(See page 29.)

STANDARD

3. Press **[MENU]** 3 times.

3: TIMER Tx. ?

4. Press **[SET]**.

START TIME : ■

5. Enter a delayed start time using the number keys.  
(The start time must be entered using the 24-hour system.)  
**Example:** 13:30

START TIME 13:30

6. Press **[SET]**.

PARTY ?

7. Enter the fax number.  
You can use one-touch dial, Directory or number keys.  
**Example:** One-touch dialing:  
Press a one-touch key (0-9).  
Programming is required in advance.  
See pages 48-54.

Alison McNab

8. Press **[SET]**.  
➔ A beep sounds.

<TIMER Tx. 13:30>

- Press **[STOP]** to interrupt a transmission or to remove a document set for transmission.
- If you make a mistake when entering the number, press **[STOP]**, then enter the correct number.
- If you make a mistake when entering the start time, press **[DELETE]** then enter the correct time.

### Canceling timer transmission

To cancel a programmed timer transmission:

1. Press **[MENU]** 3 times.

3 : TIMER Tx. ?

2. Press **[SET]**.

➔ The display shows "CANCEL ?".

CANCEL ?

3. Press **[SET]**.

➔ A beep sounds.

• To remove inserted documents, press **[STOP]**.

CANCELLED !

### Changing programmed timer transmission

1. Press **[MENU]** 3 times.

3 : TIMER Tx. ?

2. Press **[SET]**.

➔ The display shows "CANCEL ?".

CANCEL ?

3. Press **[MENU]** to select "CHANGE ?".

➔ The display shows "CHANGE ?".

CHANGE ?

4. Press **[SET]**.

START TIME 13:30

5. Enter the correct delayed start time.

Example: 15:00

START TIME 15:00

6. Press **[SET]**.

1112222

7. Press **[STOP]** to delete the wrong number.

PARTY ?

8. Enter the correct fax number.

You can use one-touch dial,

Directory or number keys.

Example: 4445555

4445555

9. Press **[SET]**.

➔ A beep sounds.

<TIMER Tx. 15:00>

### Timer transmission report

Using feature switch No. 32, you can program the SFX-111 to automatically issue a timer transmission report (See pages 63-67):

00	OFF (No report issued)
01	ON (after each timer transmission)
02	ON (when an error occurs)

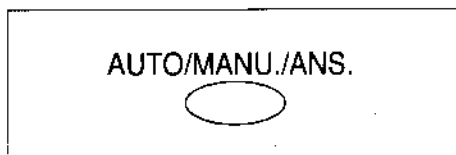
- The switch is initially factory-set to the OFF (no report) position.
- If a fax number is busy when timer transmission is attempted, the number is automatically redialed three times.

The number of redials can be changed using feature switch No. 05. (See pages 63-67.)

### Selecting a reception mode

The SFX-111 provides three reception modes: AUTO, MANUAL and ANSWER.

The [AUTO/MANU./ANS.] key switches between the AUTO, MANUAL and ANSWER modes.



#### AUTO mode

Receiving faxes is automatic in AUTO mode. No operation is required on the SFX-111 or other telephones connected to the same line to receive faxes.

Select this mode when you have a dedicated fax line. Ring delay resetting may be desirable.

With the user-selectable ring delay feature, the AUTO mode is also suitable for single line users who receive both fax and voice calls on the same number.

#### Ring delay in AUTO mode

When the unit is in the AUTO mode, the SFX-111 rings 3 times\* before it connects to the line.

And, if the call is not answered, it issues certain simulated rings\* after the line is connected.

\*Both first and second sets of ring counts are user-selectable.

Default setting of the simulated rings is no rings. As soon as the line is connected, the SFX-111 answers the call with fax tone.

See the next 2 pages for more details on the AUTO reception mode.

#### MANUAL mode

Select this mode if you use the SFX-111 mainly for fax transmission, and wish to receive faxes with your control only. Incoming faxes can be received only after you answer the call.

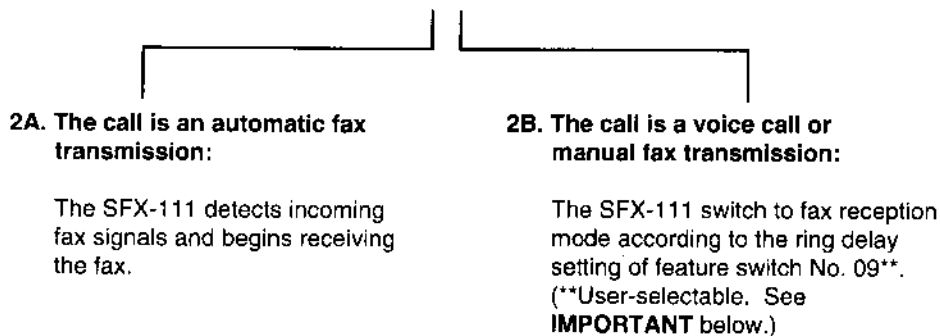
#### ANSWER mode

Select this mode when you connect an answering machine to the SFX-111 and want to receive both fax and voice messages while you are away. See page 41 for more details.

### AUTO reception operation sequence

1. When a call arrives, the SFX-111 connects to the line after 3 rings\*. (\*User-selectable ring delay. See **IMPORTANT** below.)

➔ From this moment, callers will be charged for the phone call.



\*\* RECEIVING \*\*

#### IMPORTANT

When you select the AUTO mode, you may wish to change the ring delay settings to best suit your fax and telephone use — whether you have a dedicated fax number or you use a single line for both fax and voice calls. Use feature switches No. 07 and No. 09.

\* **Feature switch No. 07** (first set of rings) can be set to a short ring or regular rings (1-11 rings). Default setting is 3 rings.

\*\* **Feature switch No. 09** (second set of rings) can be set to no rings or 3-11 rings. Default setting no rings.

See pages 63-67 for feature switch resetting procedures.

#### FAX/TEL use

If you use a single line for both fax and telephone use, it is recommended to change the second ring counts (Feature switch No. 09) to 3-11 rings (code # 01-05).

#### FAX only use

If you have a dedicated fax line, it is recommended that you change the first ring count (Feature switch No. 07) to **one short ring** (code# 00), and the second ring count (Feature switch No. 09) to the **OFF** (code# 00) position.

**What to do if you answer a fax call before the SFX-111 connects to the line.**

- If you use the handset of the SFX-111, fax reception starts automatically. Replace the handset.
- If you pick up the call from an extension phone connected to the SFX-111, press [3] and then [3] firmly on the extension phone to activate fax reception on the SFX-111.

See **Remote reception** on pages 42.

Remote reception activation number can be changed to any 2-digit number from 10 to 99.

(The default setting of the remote reception number is set to [3], [3] by feature switch No. 08.)

- Pressing the [START] key on the SFX-111 will always initiate fax reception.

**Duplex ringing service**

When you have a duplex ringing service and have assigned a number for fax use, the SFX-111 always switches to fax reception mode after 2 rings. See page 25 for the details of Duplex ringing service.

## Manual reception mode

When set in MANUAL mode, the SFX-111 rings just like a telephone. When a call arrives, the unit and an extension telephone connected to the unit ring until you answer the call using either. Incoming faxes can be received with your initiation only.

1. Lift the handset when the telephone rings.

**2A. The call is a voice call:**

Talk.

- 3A.** If caller wants to send a fax after the conversation is complete, press [START]. Your caller can send a fax after hearing a fax tone.

**2B. The call is an incoming fax:**

You hear an incoming fax tone. The SFX-111 receives the incoming fax automatically\*.

\*You may need to press the [START] key to initiate fax reception, if you have a noisy line or if feature switch No. 54 has been turned OFF (00). The switch is initially factory-set to ON (01).

- 3B.** Replace the handset.

\*\* RECEIVING \*\*

- 4B.** When reception is complete, the display shows date and time.

26 Jun.' 98 12:00

**If you answer a fax call on an extension phone:**

- If you pick up the call from an extension phone connected to the SFX-111, press [3] twice firmly on the extension phone to activate fax reception.

See **Remote reception** on pages 42.

## Answer reception mode

Use this mode if you want to receive both phone messages and faxes while you are away. (Connect an answering machine to the EXT. TEL jack on the back of the SFX-111.)

### When a call arrives:

1. The SFX-111 (and an extension telephone connected to the unit) rings according to the ring delay setting of your answering machine.
2. The line connects and your answering machine answers the call with your greeting.

### 3A. The call is an Incoming fax (by automatic transmission):

The SFX-111 automatically receives the fax after your greeting is played.

**\*\* RECEIVING \*\***

### 3B. The call is a phone call (or a manual fax call):

Your answering machine starts recording after the beep following your greeting. Callers can now leave a message.

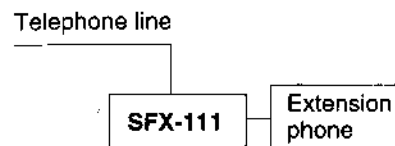
Advise your callers, in your greeting, that a fax can be received during or after the greeting.

**Example: If you are sending a fax, start transmission now. Or please leave a voice message after the tone.**

- ➔ If no voice is heard for 6 seconds after the beep following your greeting, the SFX-111 automatically switches to the fax receiving mode and sends a fax tone to the caller.
- ➔ The answering machine must be set to answer a call within 4 rings.
- ➔ When the SFX-111 is set to ANSWER mode, there may be some difficulties in accessing your answering machine by remote. If you need to access the answering machine by remote, the SFX-111 must be set to MANUAL mode.

## Remote reception

The remote reception feature allows for fax reception after a telephone call is answered by an extension telephone connected to the SFX-111.



Feature switch No. 08 (Remote receiving) must be set to ON. (The initial factory setting is ON).

1. When an incoming call is received, lift the handset of the extension phone.
2. Talk if it is a voice call. If it is a fax, then:
3. Enter **[3]** twice on the extension phone to activate a fax reception.
4. Replace the handset.

- **Remote reception activation number** is initially set to 33. To change this number, use feature switch No. 08. (See pages 63-67.)

### Notes:

- Remote reception may not work when the reception mode is set to ANSWER mode.
- Remote reception may not function properly on certain telephones.

## Polling reception

The polling reception feature allows you to call another party and instruct their machine to transmit a document to your number. (The other party's fax machine must be set to polling transmission mode.)

The cost of the call is billed to the receiving party.

1. Press **[MENU]** once.

1 : POLLING R x. ?

2. Press **[SET]**.

PARTY ?

3. Dial the other party's fax number.

**Example:** 111-2222

You can use one-touch dial, Directory or the number keys.

1 1 1 2 2 2 2 ■

4. Press **[SET]**.

➔ The unit begins dialing.

• When the line is connected, reception begins automatically.

1 1 1 2 2 2 2

• Press **[STOP]** to interrupt a reception.

### Note:

• The other fax machine must be using international standard (ITU-T) polling.

## Selective reception

This feature allows you to be selective about whom you want to receive faxes from. You may decide to refuse faxes sent from certain parties by setting Feature switch No. 26 to ON. The initial factory-set position is OFF. See pages 63-67.

### Refuse list

The SFX-111 allows you to create a Refuse list and store up to 20 fax numbers in its memory. The SFX-111 will not receive faxes sent from these numbers.

- The Refuse feature checks the last 4 digits of a number.
- When the Refuse mode is selected, the SFX-111 will not receive faxes from any party whose unit does not have a station identification number.

### Programmed the Refuse list

1. Press **[MENU]** 4 times.

4 : FAX SET-UP ?

2. Press **[SET]**.

1 : SET CLOCK ?

3. Press **[MENU]** 4 times.

5 : REFUSE LIST ?

4. Press **[SET]**.

(01) : ■

5. Press **[MENU]** to select a Refuse list number from 01 to 20.

(01) : ■

- The number display scrolls one at a time as you press **[MENU]**.

6. Enter the last 4 digits (or fewer) of the number you want to refuse.

(01) : 1 2 3 4

**Example:** 1234

7. Press **[SET]**.

➔ A beep sounds.

- To program other numbers, repeat steps 5-7.

(02) : ■

8. Press **[STOP]** twice to return to stand-by mode.

26 Jun.' 98 12:00

- If you make a mistake when entering the number, press **[DELETE]** and then re-enter the correct number.
- When a caller whose number is programmed in your Refuse list calls you, the SFX-111 rings, but will not receive a fax.  
You can still pick up the phone and talk to the caller.
- To turn off the selective reception feature, change the setting on Feature switch No. 26 to OFF.

#### To change a number programmed in the Refuse list:

1. Repeat steps 1-4 of the programming procedure.
2. Press **[MENU]** to select the Refuse list number you want to change.
3. Press **[DELETE]**.
4. Enter the new 4 digits (or fewer).
5. Press **[SET]**.  
➔ A beep sounds.
6. Press **[STOP]** twice.

#### To delete a number programmed in the Refuse list:

1. Repeat steps 1-4 of the programming procedure.
2. Press **[MENU]** to select the Refuse list number you want to delete.
3. Press **[DELETE]**.
4. Press **[SET]**.  
➔ A beep sounds. Repeat steps 2-4.
5. Press **[STOP]** twice.

## Phone reservation

This feature allows you to start a phone conversation after sending or receiving a fax.

#### To start a phone conversation after sending a fax:

1. Lift the handset during fax transmission.
  - When the fax transmission is completed, a beep sounds at the other side for 7 seconds.
2. When the other party picks up the handset, you hear a beep. Talk to the other party.

#### To start a phone conversation after receiving a fax:

1. Lift the handset during fax reception.
  - When the reception is completed, a beep sounds at the other side for 14 seconds.
2. When the other party picks up the handset, you hear a beep. Talk to the other party.

- If you lift the handset and replace it, phone reservation is canceled.
- If the other party does not pick up the handset while the beep sounds, the phone line will be disconnected.
- If the other unit does not have a phone reservation feature, the phone line will be disconnected.

#### Phone reservation reception

If the other party initiates phone reservation, a beep sounds and the display shows **PHONE CALLING**. Lift the handset and talk to the calling party.



## Diagnostic reports

The codes shown below appear on the activity and timer transmission reports to help you diagnose any problems quickly and accurately.

ERROR CODE	DESCRIPTION
OK:	• Transmission/reception satisfactory.
10:	• No response from other party. Contact other party to make sure their machine is ready to receive. • Make sure the telephone line is connected to the <b>LINE</b> jack of the unit.
12:	• No response to timer transmission.
16:	• Mechanical error (See page 70).
20:	• <b>[STOP]</b> key pressed during transmission/reception.
21:	• Original document jammed. Remove and replace correctly.
23:	• Recording paper ran out during reception. Replace recording paper.
24:	• Recording paper jammed during reception. Check the recording paper.
25:	• Cutter did not work during reception. Contact an authorized Sanyo service center.
27:	• Timer transmission failed or no original has been inserted for timer transmission.
30:	• Printing quality poor due to poor telephone line connection. If this code appears frequently, contact an authorized Sanyo service center.
40:	• Other party's fax machine is in abnormal condition (no recording paper, etc.). Contact the other party.
50:	• Transmission was halted by the other party. (Line was disconnected during transmission/reception.)
60:	• Communication impossible due to poor telephone line.
71:	• Communication impossible due to compatibility problems. Contact other party. Make sure the feature switch No. 26 is set to OFF.

## Entering names

Before programming the dialing memory or your station name, you need to know how to enter names using number keys.

The number keys and cursor keys (◀, ▶, ▲ and ▼) are used for programming names.

The characters are grouped as shown below:

Keys \ Groups	Upper case characters	Lower case characters	Numbers
1	& ' ( ) , - .	& ' ( ) , - .	1
2	A B C	a b c	2
3	D E F	d e f	3
4	G H I	g h i	4
5	J K L	j k l	5
6	M N O	m n o	6
7	P Q R S	p q r s	7
8	T U V	t u v	8
9	W X Y Z	w x y z	9
0	(space)	(space)	0
*	*	*	*
#	#	#	#

### Selecting a character

1. Use [▲] or [▼] to select the desired character group.

- The character group changes each time the key is pressed:  
Upper case characters - Lower case characters - Numbers.



2. Use number keys to select desired character.

**Example:** Each time the number key [2] is pressed, the display changes A - B - C - A.

3. Press [▶] to enter the selected character.

- If next character is selected on another key, the cursor moves to the right automatically.

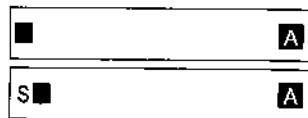
4. Repeat steps 1 to 3 to finish writing a name.

- To leave a blank space in a name, press number key [0] in upper or lower case characters group.
- To backspace the cursor, press [◀] (one-touch key 5).
- To advance the cursor to the right, press [▶] (one-touch key 6).
- To erase a character, move the cursor over the character to be erased, and then press the [DELETE] (one-touch key 0).

**Example:** To enter SFX 111

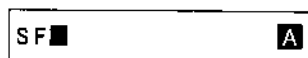
1. To write S:

- Press [▲] or [▼] to select the upper case character group.
- Press [7] 4 times to select "S".



2. To write F:

- Press [3] 3 times to select "F".
- As soon as another key is pressed, the cursor moves to the next position.



3. To write X:

- Press [9] twice to select "X".



4. To leave a space:

- Press [0].



5. To write 111:

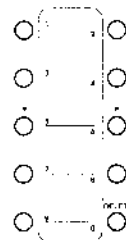
- Press [▲] or [▼] to select the number group.
- Press [1], [1] and [1], and press [▶].



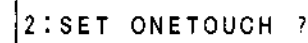
- To make a correction, move the cursor over the wrong letter and delete it by pressing [DELETE] (one-touch key 0). Then write the correct letter.
- If the procedure is interrupted for more than one minute, the display returns to standby mode. To restart, begin from step 1.

## Programming one-touch dialing numbers

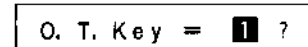
Up to 10 telephone or fax numbers (and corresponding names) can be stored in the one-touch dialing memory. The tel/fax numbers stored using one of the 10 one-touch dialing keys (0-9) can be dialed at the touch of a single key.



1. Press [MENU] twice.

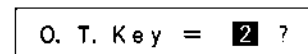


2. Press [SET].



3. Press a one-touch dialing key (0-9).

**Example:** To program a number for one-touch key 2, press [one-touch key 2].



4. Press [SET].

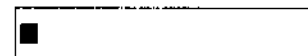


5. Enter the party's name (to a maximum of 16 characters).

See pages 48-49 for detailed instructions.



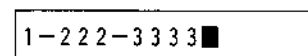
6. Press [SET].



7. Enter the fax (or telephone) number.

(A maximum of 32 digits can be entered including pauses and hyphens.)

**Example:** 1-222-3333



8. Press **[SET]**.

➔ A beep sounds.

- To program other one-touch numbers, repeat steps 3-8 above.

O. T. Key. = **3** ?

9. Press **[STOP]** to finish one-touch number programming.

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- For instructions on printing out a numerical list of programmed names and numbers, see page 54.
- To interrupt programming, press **[STOP]**.
- To enter a hyphen (-), press **[one-touch 8]**.
- To enter a three-second pause between two digits of a number, press **[REDIAL/P]** in the appropriate place. A semicolon (;) in the display indicates a pause.
- If you make a mistake in entering a fax/phone number, position the cursor over the digit to be changed using the cursor keys **[▶]** (one-touch key 6) or **[◀]** (one-touch key 5), and press **[DELETE]** (one-touch key 0) to delete the digit. Then enter the correct digit.

### Changing programmed one-touch dialing numbers

1. Press **[MENU]** twice.

2:SET ONETOUCH ?

2. Press **[SET]**.

O. T. Key. = **1** ?

3. Press the one-touch dialing key you want to change.

**Example:** To change the one-touch dialing number 1, press the one-touch key 1.

O. T. Key = **1** ?

4. Press **[SET]**.

➔ The display shows "CHANGE".

AAA :CHANGE

5. Press **[SET]**.

AAA A

6. Position the cursor over the character to be erased, press **[DELETE]**, and then enter the new name. (See "Entering names" on pages 48-49.)

ABC A

7. Press **[SET]**.

1112222

8. Position the cursor over the digit to be erased, press **[DELETE]**, and then enter the new number.

4445555

9. Press **[SET]**.

➔ A beep sounds.

Repeat steps 3-9 to change other one-touch dialing numbers.

O. T. Key = **2** ?

10. Press **[STOP]** to finish.

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### Canceling programmed one-touch dialing numbers

1. Press **[MENU]** twice.

2 : SET ONETOUCH ?

2. Press **[SET]**.

O. T. Key. = 1 ?

3. Press the one-touch dialing key you want to cancel.

O. T. Key. = 2 ?

**Example:** To cancel one-touch dialing number 2, press the one-touch key 2.

4. Press **[SET]**.

BBB : CHANGE

5. Press **[MENU]** to select "CANCEL".

BBB : CANCEL

6. Press **[SET]**.

\*\* CANCELLED \*\*

➔ A beep sounds.

Repeat steps 3-6 to cancel other one-touch dialing numbers.

7. Press **[STOP]** to finish.

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## Printing a one-touch dial list

You can print a list of the programmed one-touch dialing numbers.

### Printing one-touch dial list

1. Press **[MENU]** twice.

2 : SET ONETOUCH ?

2. Press **[COPY]**.

ONETOUCH LIST

3. After the list is printed, press **[STOP]** to return to standby mode.

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### Sample of one-touch dialing number list

\*\*\* ONETOUCH DIAL LIST \*\*\*

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No.	PARTY'S NAME	NUMBER
1	AAA	111222333
2	BBB	444555666
3	CCC	777888999

## Programming Directory™ numbers

You can add new entries to the Directory™ list. The entries programmed by yourself will remain in the list until you erase them. They will not be bumped by new entries.

1. Press [  ].

SEARCH : ■

2. Press [ \* ].

■

3. Enter the desired number.

(A maximum of 32 digits including pauses and hyphens.)

1 1 1 2 2 2 2 ■

4. Press [SET].

■ A

5. Enter the desired name.

(A maximum of 16 characters.)

See pages 48-49 for instructions on how to enter names.

JOHN ■

6. Press [SET].

➔ A beep sounds.

The display shows the name you entered.

To program other numbers, repeat steps 1-6 above.

JOHN

7. Press [STOP] to finish Directory™ programming.

26 Jun.' 98 12:00

- To interrupt programming, press [STOP].
- To enter a hyphen (-), press [one-touch key 8].
- To enter a three-second pause between two digits of a number (as in a long distance number), press [REDIAL/P] in the appropriate place. A semicolon (;) in the display indicates a pause.
- If you make a mistake entering a number or letter, position the cursor, using the cursor keys (▶ and ◀), over the character to be changed and press [DELETE] to delete. Then enter the correct digit or letter.
- To print out a Directory™ list, see page 57.

## Editing/transferring Directory™ entries

You can edit a displayed number and add a name to it. You can also transfer any entry in the Directory™ list to the one-touch dial memory.

- A maximum of 16 characters (for the name) and 32 digits (for the number) can be stored in each Directory entry.

To edit the name/number shown in the display:

1. Press [SET].

The cursor blinks on the number display.

1 1 2 2 2 2

2. Enter the desired changes.

3 3 3 4 4 4 4 ■

3. Press [SET].

The cursor blinks on the name display.

A L I C E A

4. Enter the desired changes.

See pages 48-49 for instructions on how to enter names.

A L F R E D ■ A

5. Press [SET], [START] or [MENU].

[SET]: To save the changes you made.

[START]: To save the changes and dial out the number.

[MENU]: To transfer the entry to one-touch dialing memory.

Once an entry has been edited, it will remain in the Directory™ until you erase or transfer it.

To transfer a displayed entry to the one-touch dialing memory:

1. Press the [MENU] key once while any information page of the entry you want to transfer is on the display.

O. T. LOCATION ?

2. Press the one-touch key to which you want to transfer the number.

O. T. Key = 1 ?

**Example:** To transfer to the one-touch key 1:

Press one-touch 1 key

3. Press [SET].

➔ A beep sounds.

The name and number are stored in the one-touch dialing memory.

An entry that has been transferred to the one-touch dialing memory is automatically cleared from the Directory™.

## Erasing entries from Directory™ list

1. Press **[DELETE]** when the entry you want to erase is shown on the display.
2. Press **[SET]**.  
➔ A beep sounds.

## Printing Directory™ list

You can print the entire Directory™ list.

Press the **[COPY]** key while the display shows any Directory™ entry.

### Sample of Directory list

* * * DIRECTORY LIST * * *				
No.	PARTY'S NAME	NUMBER	NEWEST DATE	TIMES
1	HIZOO NDOO	4334-5555	26 Jun. 16:42	0 2
2	R ALISON MCNAB	6666-7777	26 Jun. 16:50	1 1
3	T SOPH SUTHERLAND	2222-3333	26 Jun. 16:54	0 3
4	MARY ETNERSEN	7777-9999	26 Jun. 16:57	0 0
5	N JOHN SMITH	1111-2222	26 Jun. 16:59	0 4



R: Received call  
T: Number to which you sent a fax  
N: New call

## Calendar and clock

To set the date and the clock time:

1. Press **[MENU]** 4 times.

4: FAX SET-UP ?

2. Press **[SET]**.

1: SET CLOCK ?

3. Press **[SET]**.

2 3 04.' 98 15:00

4. Enter the day, month, year and time using the number keys.

- The time must be entered using the 24-hour system.

- The day, month and year should be entered as 2 digits each.

**Example:** to enter 26 June, 1998, 12:00,  
press [2], [6], [0], [6], [9], [8], [1],  
[2], [0] and [0].

2 6 06.' 98 12:00

5. Press **[SET]**.

➔ A beep sounds.

2: STATION CODE ?

6. Press **[STOP]** to finish calendar/clock setting.

26 Jun.' 98 12:00

- If you make a mistake, move the cursor to the appropriate place, then enter the correct number.

Press **[▶]** to move the cursor to the right.

Press **[◀]** to move the cursor to the left.

## Header print (Setting your station name and fax number)

Once you have programmed your station name and fax number into the SFX-111 memory, this information appears at the top of all faxes you send.

1. Press **[MENU]** 4 times.

4 : FAX SET-UP ?

2. Press **[SET]**.

1 : SET CLOCK ?

3. Press **[MENU]**.

2 : STATION CODE ?

4. Press **[SET]**.

■ A

5. Enter your station name.

A maximum of 24 characters can be entered.

(See "Entering names" on pages 48-49.)

CHARLES ■ A

6. Press **[SET]**.

■

7. Enter your fax number.

Your fax number can be up to 20 digits in length.

**Example:** 111-2222

111-2222 ■

8. Press **[SET]**.

➔ A beep sounds.

3 : FEATURE SW. ?

9. Press **[STOP]** to finish header programming.

26 Jun. '98 12:00

- To interrupt programming, press **[STOP]** twice.
  - If you make a mistake in entering a number, move the cursor over the wrong digit using the **[▶]** (one-touch key 6) or **[◀]** (one-touch key 5). Press **[DELETE]** (one-touch key 0) to erase it. Then enter the correct digit.
  - To enter a hyphen (-) between two digits, press **[one-touch 8]**.
  - To enter a plus sign (+) preceding your fax number, press **[HOLD]**.
  - The header can be printed either outside the original document (in the top margin) or inside the document itself. You can select the desired setting using feature switch No. 20 (See pages 63-67.) Default setting is printing outside of the original.
- NOTE:** If you choose to print the header inside the document, the top of the original document (about 1 cm/0.4") may not be reproduced.

### Printing header outside of the original.

26 Jun. '98 12:00                      SANYO                      FAX 012345                      P.1

### Printing header inside of the original.

-----  
26 Jun. '98 12:00                      SANYO                      FAX 012345                      P.1

# Activity report

You can program the SFX-111 to issue an activity report once each day or after about 20 transmissions/receptions have been performed. It can also be set to issue no activity report.

1. Press **[MENU]** 4 times.

4 : FAX SET-UP ?

2. Press **[SET]**.

1 : SET CLOCK ?

3. Press **[MENU]** 3 times.

4 : ACT. REPORT ?

4. Press **[SET]**.

ACT. REPORT ON

5. Press **[MENU]** to select ON or OFF.

- If you choose OFF, proceed to step 8.

**Example:** ON

ACT. REPORT ON

6. Press **[SET]**.

PRINT TIME : ■

7. Enter the time you wish the activity report issued using the number keys.

- The time must be entered using the 24-hour system.

**Example:** 16:00

PRINT TIME 16:00

8. Press **[SET]**.

- ➔ A beep sounds.

5 : REFUSE LIST ?

9. Press **[STOP]** to return to standby mode.

26 Jun.' 98 12:00

- If you make a mistake when entering the issuing time, press **[DELETE]** to clear the incorrect time, and then enter the correct time.
- If the issuing time is not entered at step 7, an activity report is printed automatically when the number of activities (transmission and reception) reaches about 20.
- The initial factory setting is ON with no issuing time set.

## Example of an activity report

\*\*\* ACTIVITY REPORT \*\*\*  
26 Jun. '98 12:00

				TRNS. TOTAL PAGE 000003			
				RECV. TOTAL PAGE 000002			
TRNS.							
No.	DATE	START	TIME	PARTNER	PAGE	RESULT	ERROR CODE
1	26 Jun.	9:00	1'23	AAA	2	OK	
2	26 Jun.	10:00	0'45	BBB	1	OK	
RECV.							
No.	DATE	START	TIME	PARTNER	PAGE	RESULT	ERROR CODE
1	26 Jun.	9:30	1'02	CCC	1	OK	
2	26 Jun.	10:30	0'38	DDD	1	OK	



# Feature switches

The various feature switches on the SFX-111 were factory-preset to standard (default) settings. To provide you with more choices, the SFX-111 allows you to change these feature switch settings.

The feature switches and their functions are listed on pages 65-66.

## To change feature switch settings:

1. Press **[MENU]** 4 times.

4 : FAX SET-UP ?

2. Press **[SET]**.

1 : SET CLOCK ?

3. Press **[MENU]** twice.

3 : FEATURE SW. ?

4. Press **[SET]**.

(0 0) DIAL MODE

5. Enter the number of the switch you want to change.

(0 1) PAUSE TIME

**Example:** To change the pause time, press **[0]** and **[1]** to select feature switch No. 01.

6. Press **[SET]**.

3 sec (0 3)

7. Enter the code of your choice.

(See pages 65-66 for available codes.)

**Example:** To change the pause time to 4 seconds, enter **[0]** and **[4]**.

4 sec (0 4)

8. Press **[SET]**.

Repeat steps 5-8 to make additional changes (as required).

(0 5) TIMER REDIAL

9. Press **[STOP]** twice to finish feature switch programming.

26 Jun.' 98 12:00

10. Print a feature switch list (see page 67) for your confirmation.

• To interrupt the feature switch setting procedure, press **[STOP]** twice.

## Feature switch list

Switch No.	Switch description	Code No.	Code description	Factory setting
00	Dial mode	00	TONE	01
		01	PULSE (10 PPS)	
01	Pause time	02	02 sec.	03
		03	03 sec.	
		04	04 sec.	
		12	12 sec.	
05	Number of redial attempts after timer transmission attempt. (3 to 4-minute intervals)	00	OFF (No redial)	03
		01	once	
		02	twice	
		03	3 times	
06	Number of automatic redial attempts for regular fax transmission after busy signal is detected using manual or one-touch dialing. (2-3 minutes intervals)	00	OFF (No redial)	02
		01	once	
		02	twice	
		03	3 times	
07	Ring delay Number of rings the unit issues before connecting to the line when the unit is set to the AUTO mode.	00	One short ring	03
		01	1 ring	
		02	2 rings	
		03	3 rings	
		11	11 rings	
08	Remote reception activation number	00	OFF	33
		10 to 99	ON (Select a 2-digit number of your choice)	
09	The simulated ring count that the SFX-111 issues after connecting to the line during the AUTO reception mode, but before switching to fax reception mode for an incoming manual fax (or voice call).	00	OFF (No rings/No auto switching)	00
		01	3 rings (Auto switching)	
		02	5 rings (Auto switching)	
		03	7 rings (Auto switching)	
		04	9 rings (Auto switching)	
		05	11 rings (Auto switching)	
10	Music-on-hold	00	OFF (No music)	01
		01	ON (Greensleeves)	
17	Key operation beeps	00	OFF	02
		01	LOW	
		02	HIGH	
20	Header print Determines whether your station name, fax number and date/time are printed on the header.	00	OFF	01
		01	ON (Printing outside of original)	
		02	ON (Printing inside of original)	

Switch No.	Switch description	Code No.	Code description	Factory setting
26	Selective reception Determines whether reception is controlled by your REFUSE list.	00	OFF	00
		01	ON	
27	Home position of the resolution mode	00	STANDARD	04
		01	FINE	
		02	SUPER FINE	
		03	HALFTONE	
28	Contrast mode	00	NORMAL	00
		01	LIGHT	
32	Timer transmission report	00	OFF (No report)	00
		01	ON (after each timer transmission)	
		02	ON (when an error occurs)	
36	Halftone quality (relative to transmission speed)	00	Faster transmission	01
		01	Better halftone quality at slower speed	
46	Call Display™	00	OFF	00
		01	ON (Call Display)	
54	Auto progress transmission/reception	00	OFF (need to press the <b>[START]</b> key for manual transmission/reception)	01
		01	ON (no need to press the <b>[START]</b> key for manual transmission/reception)	
56	Duplex ringing	00	OFF	00
		01	ON	

## Printing a feature switch list

You can print a list of all feature switches and their current settings.

1. Press [MENU] 4 times.

4:SET MODE ?

2. Press [SET].

1:SET TIME ?

3. Press [MENU] twice.

3:FEATURE SW. ?

4. Press [COPY].

FEATURE SW. LIST

5. Press [STOP] after printing to return to standby mode.

26 Jun.' 98 12:00

### Example of the feature switch list

```
* * * FEATURE SW. LIST * * *
26 Jun.' 98 12:00
```

No.	SWITCH NAME	SET CODE	INITIAL SET
[00]	DIAL MODE	(01) 10 PPS	(01) 10 PPS
[01]	PAUSE TIME	(03) 3 sec	(03) 3 sec
[05]	TIMER REDIAL	(03) 3 TIMES	(03) 3 TIMES
[06]	AUTO REDIAL	(02) 2 TIMES	(02) 2 TIMES
[07]	No. OF RINGS	(03) 3 TIMES	(03) 3 TIMES
[08]	REMOTE Rx.	(33) 33	(33) 33
[09]	F/T SW. OVER	(00) OFF	(00) OFF
[10]	MELODY	(01) GREENSLEEVES	(01) GREENSLEEVES
[17]	KEY SOUND	(02) HIGH	(02) HIGH
[20]	HEADER PRINT	(01) ON:OUTSIDE	(01) ON:OUTSIDE
[26]	SELECTIVE Rx	(00) OFF	(00) OFF
[27]	RESOLUTION	(04) NOT RETURN	(04) NOT RETURN
[28]	CONTRAST	(00) NORMAL	(00) NORMAL
[32]	TIMER REPORT	(00) OFF	(00) OFF
[36]	HALFTONE	(01) HIGH QUALITY	(01) HIGH QUALITY
[46]	CALL DISPLAY	(00) OFF	(00) OFF
[54]	AUTO PROGRES	(01) ON	(01) ON
[56]	DUPLEX RING.	(00) OFF	(00) OFF

## Thermal paper handling

Thermal paper is heat-sensitive. Follow the precautions below while handling it.

### Storage precautions

Thermal paper will start to discolor gradually at about 70°C (158°F). It should not be exposed to heat, humidity or light, even when not in use. Take the following storage precautions.

1. Store in a dark, cool and dry place.  
Avoid storing near heat-generating appliances or in enclosed places subject to high temperatures (the trunk of a car, for example.)
2. Once the package is opened, use the paper as soon as possible.

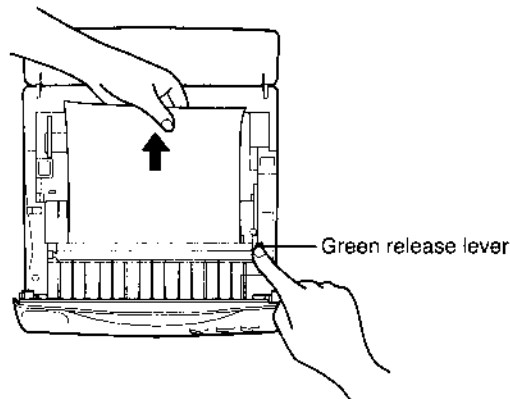
### Handling precautions

1. If thermal paper is touched with sweaty hands, fingerprints or smeared images may result.
2. If thermal paper is rubbed against a hand, coloring may be caused by heat due to friction.
3. Coloring or erasure may occur if oil or other chemicals are allowed to come into contact with the paper.  
Be careful in the following cases:
  - When gluing, use only water-soluble glue (commercially available).
  - When some adhesive tapes are used, coloring may result. The use of double-sided tapes on the back of the paper is recommended.
  - When storing the paper in plastic cases, use those made of polyethylene, polypropylene or polyester. (Do not use PVC cases.)
  - Do not stack the paper along with polyvinyl chloride (PVC) films or heat-sensitive wax-type paper. The recorded images will fade, as these materials contain plastics.
  - Do not stack the paper with diazo- or wet-type photocopies immediately after they have been copied on. Ammonia, etc., may cause discoloring.
  - The paper will discolor if it comes into contact with alcohol or other volatile organic solutions.
4. Avoid exposing the paper to direct sunlight, as this tends to cause yellowing.

## Jammed original

If an original document jams, a beep sounds and the display shows "ORIGINAL JAM".

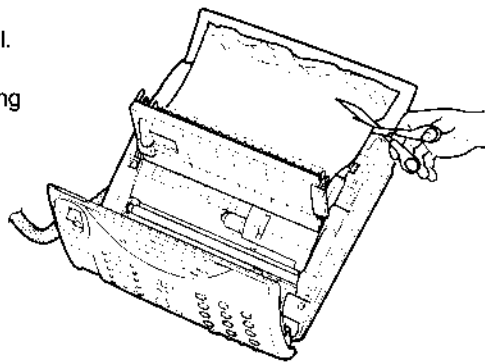
1. Lift the handset and open the operation panel.
2. Remove the jammed paper while pressing the green release lever.
3. Close the operation panel firmly.



## Jammed recording paper

A beep sounds and display shows "CHECK PAPER ROLL" if the recording paper jams.

1. Open the original document tray.
2. Lift the handset and open the operation panel.
3. Press the **[OPEN]** button to open the recording paper cover.
4. Pull out the jammed section of the recording paper, and cut it off.
5. Reinsert the end of the roll into the recording paper exit.
6. Close the recording paper cover securely by pressing on the left and right corners of the cover.  
➔ The recording paper is cut automatically.
7. Close the operation panel firmly.



- If the paper cutter blade blocks the recording paper exit slot, place the end of the recording paper on the roller, then close the recording paper cover. Recording paper is automatically fed, and the extra paper is cut.

## Mechanical error

When the display shows "MECHANICAL ERROR", observe the following procedures to correct the error.

1. Open the original document tray.
2. Lift the handset and open the operation panel.
3. Press the **[OPEN]** button to open the recording paper cover.
4. If the cogwheel ① is stuck in the cogwheel ② as shown in figure 1, lift the cogwheel ①. (See figure 2)
  - The correct positions of cogwheels ① and ② are shown in figure 3.
5. Reinsert the end of the recording paper roll into the recording paper exit.
6. Close the recording paper cover securely by pressing on the left and right corners of the cover.  
➔ The recording paper is cut automatically.
7. Close the operation panel firmly.

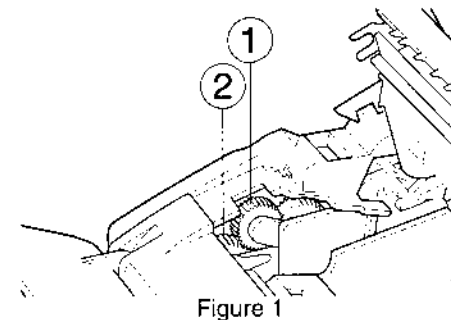


Figure 1

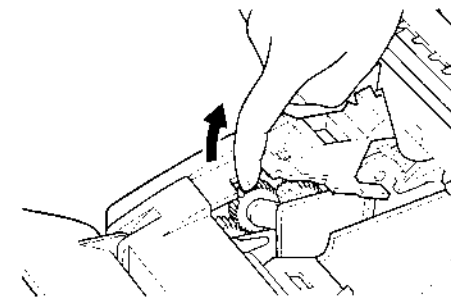


Figure 2

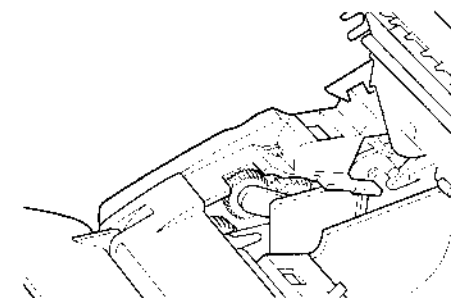


Figure 3

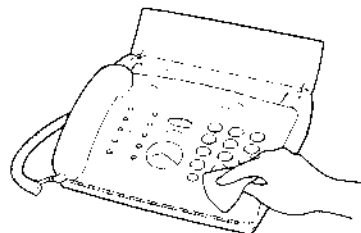
- If the "MECHANICAL ERROR" display still cannot be cleared, contact an authorized Sanyo service center.

# Cleaning

## Cleaning the housing (exterior plastic parts)

Gently wipe the housing with a soft, clean cloth dampened with a small amount of neutral detergent.

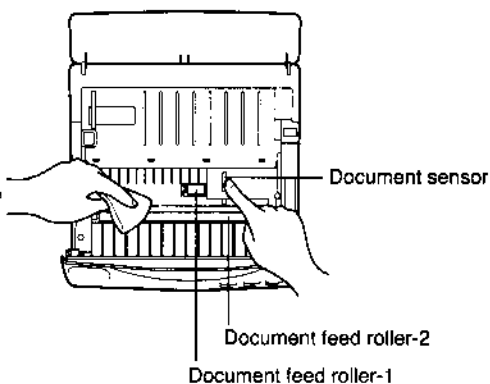
- Do not use a cleaning agent such as alcohol or benzene.



## Cleaning the two document feed rollers

If a streak or dirty pattern appears on a copy or a fax you have sent, and document jamming or overlapping frequently occurs, clean the two document feed rollers with a soft, clean cloth dampened with a small amount of neutral detergent.

1. Open the original document tray.
2. Lift the handset and open the operation panel.
3. In order to rotate both document feed rollers, press the document sensor as shown in the illustration.
4. Clean both document feed rollers, then dry them thoroughly to prevent documents from jamming.
5. Close the operation panel firmly.



# Troubleshooting

If problems occur during operation, check below before taking the unit for service. If the problem cannot be corrected, contact the dealer from whom the unit was purchased.

	Symptoms	Possible causes/solutions	Page
General	Unit does not operate.	AC plug may not be connected to electrical outlet.	10
	The display indicates <b>CHECK PAPER ROLL</b>	Recording paper may not be set properly.	12
		Recording paper may have run out.	12
	Document cannot be inserted.	Document may be too thin or too thick.	27
Another document may be jammed inside. Open operation panel and remove jammed document.		69	
You may have placed more than 10 sheets.		28	
Transmitting	Transmission is not possible.	Document may not be inserted far enough into the slot.	28
		Recording paper may have run out on receiving unit.	-
		Receiving unit may be set for manual reception.	-
		The telephone line is connected to EXT. TEL instead of LINE.	10
Reception	Reception is not possible.	Unit may be set for manual reception. Lift the handset and incoming fax transmission can be received without pressing <b>[START]</b> key.	40
		Power cord may not be connected.	10
		Recording paper may have run out.	12
		Selective reception may be set to on. Check feature switch No. 26.	44
		The telephone cord is connected to EXT. TEL instead of LINE.	10
	Received copy is not dark enough.	The recommended recording paper is not used.	13
		Transmitted original may be light.	29
	Received copy is blank.	Recording paper may have been inserted upside down.	12
		Transmitted original may have been upside down.	-
	Received copy contains illegible/distorted characters.	Phone connection may have been poor. (If problem continues, contact dealer.)	-
Red line appears on recording paper	Recording paper has almost run out. Install a new recording paper roll.	12	
Selective reception feature does not function.	The transmitting unit may not use TTI standard protocol.	44	

	Symptoms	Possible Causes/Solution	Page
Phone call	No dial tone when handset is picked up.	Telephone cord may not be connected properly.	10
	Sound from speaker is too low.	Monitor volume switch may be set to lower position.	7
	No rings are heard.	Ringer volume switch may be set to "OFF".	7
	Fax/phone call does not connect to other party.	Wrong dialing mode may be set. Check the feature switch No. 00.	11
Extension phone	Impossible to place phone call.	Fax possibly being transmitted or received.	-
	Telephone does not ring.	Too many phones may have been connected to the same line.	10
	Remote reception does not work	Remote reception feature switch (No. 08) may have been set to off.	65
If you have initiated the call from the extension phone, remote reception will not work.		-	
Caller ID	No name or number display on incoming calls.	You may not subscribe to Caller ID service.	19

## Specifications

Model	SFX-111
Type	Desktop type transceiver
Line connected	Public switched telephone network
Size of recording paper	216 mm (8.5") x 30 m (98') / 25 m (82')*
Effective scanning width	208 mm (8.2")
Effective recording width	212 mm (8.3")
Transmission speed	9600/7200/4800/2400 BPS
Main scanning density	8 pels
Sub scanning density	3.85 lines/mm (Standard mode) 7.7 lines/mm (Fine mode) 15.4 lines/mm (Super fine mode)
Compression mode	MH (Modified Huffman) and Sanyo original
Reading method	Flatbed by contact image sensor
Recording method	Flatbed by thermal printing head
Power supply	AC 220 V, 50/60 Hz
Power consumption	Stand-by: 5W, Transmission: 13W, Reception: 40 W, Copy: 45 W
Overall dimensions	284 (W) x 116 (H) x 257 (D) mm 11.2" (W) x 4.6" (H) x 10.1" (D)
Weight	Approx. 3 kg (6.6 lb)
Ambient temperature	5°C -35°C (41°F - 95°F)

\* High-grade thermal paper comes as 25-m roll.

### Optional accessories:

Part name	Part No.
Thermal paper (30m/98')	R-4079448-1
High-grade thermal paper (25m/82')	3RE2182800450