Introduction

Thank you for purchasing the SFX-30. This international-standard high-speed digital facsimile transceiver has many outstanding features, including:

- 10-page automatic document feed
- Automatic switching between telephone, fax machine and answering system
- 28-number automatic dialing memory
- Paper-save mode reception with reform copy capability
- Superfine resolution
- Halftone
- 30-meter roll of recording paper

- 16-character digital display
- Built-in telephone handset
- Voice response (with auto reception)
- Automatic paper cutter
- Enlargement/reduction copy
- Compatible with new plain-paper quality thermal paper (high-grade thermal paper)
- Built-in anti-curl system

In order to use the SFX-30 effectively and keep it in good working order for a long time, read this instruction manual thoroughly and keep it for future reference.
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Specifications


Unpacking

To unpack the SFX-30:
1. Open the carton.
2. Remove the accessories (handset, recording paper roll, etc.) from the carton.
3. Remove the fax machine along with the foam braces on both sides.
4. Remove the polyethylene wrapping around the fax machine.
5. Remove the transportation tapes.
6. Save the carton and the foam braces for later storage and/or shipping.
7. Place the machine where there is access to an AC outlet and a modular phone jack. (Be sure to observe the precautions below.)

Placement precautions
● Avoid placing the SFX-30 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-30 to the same AC 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 SFX-30 away from water. If water accidentally enters the unit, unplug the AC power cord immediately. DO NOT PLUG THE UNIT IN AGAIN. Contact an authorized Sanyo service center or dealer.

Handling precautions
● Do not remove any parts that are held in place with screws. (The SFX-30 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.
Part names and functions

Front view

Recording paper cover
Protective cover

Open button
Original guide
Handset

Operation panel
Original exit
Original slot

Right side

AUTO/MANU switch
PULSE/TONE switch

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

Accessories

- Handset × 1
- Adhesive label × 1
- High-grade thermal paper × 1
- Instruction manual × 1
- Recording paper tray × 1
Left side

- Handset jack
- Monitor volume switch
- Ringer volume switch

Rear view

- Recording paper exit
- Rear cover
- AC cord
- Telephone line jack (LINE)

Inner view

- Document sensor
- Paper holder
- Document release lever
- Document feed roller
- Green release lever
## Operation panel

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Display</td>
<td>Shows calendar and clock functions, operation guidance, machine status, etc.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>One-Touch Keys</td>
<td>Frequently dialed numbers can be stored in memory using these 8 keys. The one-touch keys are also used when entering names in memory.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>ERROR Lamp</td>
<td>Lights if a communication error occurs.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>MENU Key</td>
<td>Press this key when selecting various functions.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SET Key</td>
<td>Press this key to confirm selections.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>ANSWER Key</td>
<td>Press this key to set to answer mode.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>ANSWER Lamp</td>
<td>Lights when the unit is set to answer mode.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SPEED DIAL Key</td>
<td>Press this key when using speed dial.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>REDIAL/PAUSE Key</td>
<td>Press this key to redial the last number dialed. Press this key to insert a pause between two digits in a number being dialed.</td>
<td></td>
</tr>
<tr>
<td>Key</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number Keys 0-9 *</td>
<td>These keys are used to dial fax and phone numbers and to change various functions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TONE Key</td>
<td>Press this key to switch from pulse dialing to Touch-Tone dialing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOLD Key</td>
<td>Temporarily places a call on hold.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPEAKER Key</td>
<td>Allows you to monitor a call without using the handset.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTRAST Key</td>
<td>Press this key to select contrast settings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESOLUTION Key</td>
<td>Press this key to select resolution settings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>START Key</td>
<td>Press to start transmission or manual reception.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COPY Key</td>
<td>Press to make a copy.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOP/C Key</td>
<td>Press to interrupt transmission/reception/copying or to stop the ERROR indicator lighting.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Press to cancel various setting and dialing functions and to remove an original document that has been placed in the unit.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Telephone line and AC connections**

**Connecting to AC**

Connect AC plug into AC outlet.

**Connecting to telephone line**

- The SFX-30 should not share a telephone line cord with other communication equipment except extension telephone and/or answering machine prepared for the connection, as this may obstruct the proper functioning of the unit.

* The telephone line cord differ with each country.

**Connecting extension telephone/answering machine**

- Another telephone and/or answering machine can be connected to the SFX-30 through the line cord supplied with the SFX-30 or by the SANYO Dealer.
Setting the dialing mode switch

Set the dialing mode switch (DIAL) to the correct position for your telephone line.

- Your current telephone
  - Push-button telephone
  - Short audible tones
  - Continuous clicking sounds
- The sound heard when you dial
  - Touch-Tone
- Your telephone line is
  - Pulse-Dialing

Set the switch to

If you are not sure which dialing system your telephone is using, contact your telephone company.
Recording paper

How to install the recording paper roll:

1. Open the protective cover and rear cover. Press the [OPEN] button to open the recording paper cover.

2. Place the supplied roll, in the direction shown in the diagram, in the paper holder with both sides seated securely.
   - Remove any slack from the roll. Insert the end of the roll into the recording paper exit slot.

3. Pull out the end of the roll from the recording paper exit until it extends 4 inches.

4. Close the recording paper cover by pressing both left and right corners of the far end of the cover firmly. The SFX-30 cuts the extra recording paper automatically.

- Use only the recording paper specified for the SFX-30.
- The rear cover must be left open while the SFX-30 is in standby mode.
High-grade thermal paper
The SFX-30 is compatible with the high-grade thermal paper, a new type fax recording paper with plain-paper quality. Unlike regular thermal paper, the high-grade thermal paper does not fade with time, can be written on with pencil and can be erased.
SANYO Type: 3RE2182800450, 216 mm (8.5") wide and 25 m (82') long.
A 12-meter (39') long roll is supplied with your SFX-30.

Thermal paper
SANYO Type: R-4079448-1, 216 mm (8.5") wide and 30 m (98') long.
To purchase, contact your dealer.

Anti-curl system
The SFX-30 has a built-in anti-curl system that prevents thermal recording paper (high-grade or regular) from curling.
Confirming proper operation (copying)

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

1. Place the original document face down.

2. Press [COPY].

3. Press [SET].
   → Copying begins.

4. After copying is completed, the recording paper is cut automatically.

To enlarge or reduce a copy, press [MENU] after pressing [COPY] at step 2. The percentage of enlargement or reduction is determined by the number of times the [MENU] key is pressed: 125% – 100% – 80%. For reform, see page 35.

MEMO sheet
You can issue a blank sheet to write a memo.
Press [COPY] with no original inserted in the original slot. The SFX-30 produces about 10-cm (4") long blank memo sheet. The MEMO sheet feature can also be used during telephone use.
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Phone calls

Making phone calls

1. Press SPEAKER (or lift the handset).

2. Dial the number you want to call.
   Example: 012345

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

Answering telephone call

1. The telephone rings.
   Lift the handset.

2. Talk.

3. Hang up when the conversation is completed.

- If you hear an incoming fax tone at step 1, replace the handset after the display shows RECEIVING. The SFX-30 receives the incoming fax automatically.

Notes
- The AC cord must be connected to an electrical outlet for telephone calls to be placed from the SFX-30.
Hold

1 Press HOLD during a telephone call.

2 Replace the handset. (The call is put on hold.)

3 Lift the handset to continue the conversation.

If you do not replace the handset at step 2, press HOLD again to resume the conversation.

If an extension phone is picked up while a call is on hold, the extension phone user cannot talk with the other party.

The music-on-hold feature offers several musical choices. To select the music of your choice, set feature switch No. 10. (See page 61.)

The choices are:
- Silence (no music)
- MINUET
- GREENSLEEVES

(The factory preset default setting is GREENSLEEVES.)

Redial

The REDIAL key redials the last number dialed.

1 Press SPEAKER (or lift the handset).

2 Press REDIAL/PAUSE. The last number dialed is redialed.

3 Lift the handset and talk.
One-touch dial

This feature allows you to dial a stored number at the touch of a single button. Before one-touch dialing can be used, the phone numbers of the parties must be programmed into memory. A maximum of 8 one-touch dialing numbers can be stored in memory. (See page 48 for programming instructions.)

To place a call using one-touch dialing buttons:

1. Press SPEAKER (or lift the handset).

2. Press the one-touch key (1—8) for the party you want to call. The phone number programmed in the one-touch dialing memory is dialed out.

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

This feature allows you to place a call without dialing the entire number. Before speed-dialing can be used, the phone numbers of the parties must be programmed into memory. A maximum of 20 speed-dialing numbers can be stored in memory. (See page 50 for programming instructions.)

**To place a call using speed-dialing:**

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

2. Press [SPEED DIAL].

3. Enter the speed-dialing number (01—20) for the number you want to call.

4. When the call is answered, lift the handset and talk.
Extension telephone/answering machine

An answering machine and/or extension phone can be connected to the SFX-30 through the line cord supplied with the SFX-30 or by the SANYO Dealer.

Answer reception mode
When an answering machine is connected to the SFX-30 through the line cord supplied with the SFX-30 or by the SANYO Dealer, you can set the SFX-30 to receive both voice and fax messages while you are away.
(See page 28 and 31 for more details.)

Remote reception
You can switch the SFX-30 to fax reception mode from the connected extension phone if a caller wants to transmit a fax after a telephone conversation.
(See Remote reception on page 32.)

You can use the connected extension phone to place a phone call when original documents are placed in the original slot for timer transmission (page 39.)
<table>
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<th>Section</th>
<th>Page</th>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>Contrast/resolution</td>
<td>21</td>
</tr>
<tr>
<td>Placing original documents</td>
<td>22</td>
</tr>
<tr>
<td>Manual dialing transmission</td>
<td>23</td>
</tr>
<tr>
<td>Automatic dialing transmission</td>
<td>24</td>
</tr>
<tr>
<td>One-touch dialing transmission</td>
<td>25</td>
</tr>
<tr>
<td>Speed-dialing transmission</td>
<td>26</td>
</tr>
<tr>
<td>Redial</td>
<td>27</td>
</tr>
<tr>
<td>Reception</td>
<td>28</td>
</tr>
<tr>
<td>Reception modes</td>
<td>28</td>
</tr>
<tr>
<td>Automatic reception mode</td>
<td>29</td>
</tr>
<tr>
<td>Manual reception mode</td>
<td>30</td>
</tr>
<tr>
<td>Answering reception mode</td>
<td>31</td>
</tr>
<tr>
<td>Remote reception</td>
<td>32</td>
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<td>Phone reservation</td>
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<td>Copying (enlargement/reduction/reform)</td>
<td>35</td>
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<tr>
<td>Diagnostic reports</td>
<td>36</td>
</tr>
</tbody>
</table>
Original documents

■ Transmittable original size

216 mm (8.5")

Maximum

148 mm (5.8")

Minimum

1.5 m (4.9’)

Insertion direction

Note: An original other than specified should be reduced or enlarged by a photocopier then the copy can be used as an original document.

■ Effective text width

208 mm (8.2“)

Insertion direction

■ Effective thickness

<table>
<thead>
<tr>
<th></th>
<th>1 original sheet</th>
<th>multiple sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td>thickness</td>
<td>0.05 – 0.15 mm</td>
<td>0.08 – 0.13 mm</td>
</tr>
<tr>
<td>(per sheet)</td>
<td>(0.002“ – 0.006“)</td>
<td>(0.003“ – 0.005“)</td>
</tr>
</tbody>
</table>

■ 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.
The SFX-30 allows you to select different contrast/halftone and resolution modes for fax transmission and copying. Select the most suitable mode for your original documents after placing the documents in the original slot.

You can also set the SFX-30 either to remain in the selected mode until another selection is made, or to return to the default mode after each transmission/copying. Use the feature switch No. 27 and 28 to switch between Not return and Return home modes. (See page 61.) The initial factory setting is Not return position.

- **CONTRAST**
  - NORMAL: For normal contrast documents.
  - LIGHT: For low contrast documents which need to be transmitted or copied darker.
  - HALFTONE: For transmitting or copying halftone documents (photographs, for example). When HALFTONE is selected, the resolution mode is automatically set to FINE.

- **RESOLUTION**
  - STD: For text in standard typefaces.
  - FINE: For text with fine type and for drawings.
  - SUPER FINE: For text with very small characters and/or graphics. The superfine communication is possible only with Sanyo fax models with superfine feature and non-Sanyo models that have ITU-T standard superfine feature.
Placing original documents

1. Open the protective cover.

2. Adjust the paper guide to the width of the document.

3. Place the document face down between the guides and gently insert it in the original slot. The document advances slightly.

■ When transmitting multiplepage document:
Stack the sheets with the front edges staggered backward. The first page must be lowest. See below.

Correct insertion direction

Wrong insertion direction

Note:
- Up to 10 sheets can be placed in the original slot at one time. When transmitting more than 10 sheets, place the first 10 and then add more during transmission.
Manual dialing transmission

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

2. Select a contrast/resolution mode if necessary. (See page 21.)

3. Lift the handset and dial the number. Example: 123456.

4. When the line is connected, transmission begins automatically.

5. Replace the handset.

- Press STOP/C to interrupt a transmission or to remove a document set for transmission.
- If you make a mistake when entering a phone number, press STOP/C, then enter the correct number.
- The feature switch No. 54 must be set to the ON (01) position for automatic transmission to take place at step 4. (Default position of factory setting is ON.) If it is set to the OFF (00) position, the START key has to be pressed to initiate transmission. (See page 61.)
Automatic dialing transmission

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

2. Select a contrast/resolution mode if necessary. (See page 21.)

3. Dial the number. Example: 0123456

4. Press START. When the line is connected, transmission begins automatically.

- Press STOP/C to interrupt a transmission or to remove a document set for transmission.
- If you make a mistake when entering the number, press STOP/C, then enter the correct number.
One-touch dialing transmission

1. Place an original document face down.

2. Select a contrast/resolution mode if necessary. (See page 21.)

3. Press the one-touch key for the party you want to send a fax to.

4. When the line is connected, transmission begins automatically.

- Press STOP/C to interrupt a transmission or to remove a document set for transmission.
- If you make a mistake when pressing one-touch key, press STOP/C, then enter the correct number.

Note:
- For detailed instructions on programming one-touch dial numbers, see page 48.
Speed-dialing transmission

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

2. Select a contrast/resolution mode if necessary. (See page 21.)

3. Press SPEED DIAL.

4. Press the speed-dial number (01—20) for the party you want to send a fax to. When the line is connected, transmission begins automatically.

For detailed instructions on programming speed-dial numbers, see page 50.
Press STOP/C to interrupt a transmission or to remove a document set for transmission.
If you make a mistake when entering a speed-dial number, press STOP/C, then enter the correct number.
Redial

If a number that has been dialed (using manual dialing, one-touch/speed-dialing or timer transmission) is busy, the SFX-30 automatically redials. You can also redial manually by pressing the REDIAL/PAUSE key.

Automatic redial

The dialed number is automatically redialed. (If the document has been removed, automatic redialing is canceled.)

(about 3 min.) (about 3 min.)

Dial → Busy → Auto redial → Busy → Auto redial → Busy → Press REDIAL/PAUSE to continue redialing.

Start transmission

Start transmission

- The SFX-30 is set to redial a number twice (three times for a number dialed using the timer transmission feature). These settings can be changed using the feature switches. (See page 58.)
- Display shows:

  Automatic redial (Normal transmission)  WAITING REDIAL  Redial (Timer transmission)  <TIMER Tx. 17:03>

Manual redial

Press REDIAL/PAUSE. The number is redialed. (If the document is removed, the number cannot be redialed.)

DEALER A
Reception

Reception modes

The SFX-30 provides 3 reception modes: AUTO, MANUAL and ANSWER. Set the AUTO/MANU switch to select the AUTO or MANUAL mode.

Press ANSWER key to set to the ANSWER mode.

AUTO
The SFX-30 receives incoming fax messages automatically. The feature switches No. 09 and No. 16 offer you a variety of selections regarding the auto reception mode settings. See page 60 and 61. Incoming telephone calls are received by the built-in phone. The telephone rings.

MANUAL
Use this mode if you use the SFX-30 mainly for phone calls. You can receive an incoming fax message after completing a phone conversation.

ANSWER
Use this mode if you expect both phone calls and faxes while you are away. Incoming phone calls are received by the built-in handset (and a connected answering machine). Incoming faxes are received by the SFX-30 automatically.

See the next 3 pages for more details of each reception mode.
Auto reception mode

When an automatically transmitted fax is received:
Incoming faxes that are automatically transmitted are received automatically.

When a voice call or manually transmitted fax is received:
A voice call or manual fax transmission is automatically connected to the line and the built-in voice response answers the caller. (The voice response can be turned off. See note 1 below.)

Here's what happens when a voice call or manual fax transmission is received:

Incoming call.
The built-in telephone and connected extension phone both ring.
As soon as the line is connected (see note 2), the voice response 1 is heard.

Voice response 1
"Please wait for a moment".

After this voice response, the SFX-30 can receive a fax. If the caller does not start fax transmission or the telephone is not picked up, the SFX-30 continues to ring 7 more times. Voice response 2 is heard.

Voice response 2
"No one is here now, however if you wish to send a fax, please transmit at the tone."

The SFX-30 automatically switches to the fax receiving mode, and fax reception starts.

Notes

1 Using the feature switch No. 16, you can switch the voice response on or off. (See page 60.) If this switch is set to 00, no voice response will be heard.

2 Once connected to the line, the caller is billed for the call.

3 The number of simulated rings that sound after the line is connected and the first voice response is heard can be changed to no rings (position 00) or any odd number between 3 – 11 rings. Use the feature switch No. 09 (page 60.)
(If this switch is set to 00, no voice response will be heard.)

IMPORTANT If you connect an answering machine to the SFX-30, do not select the auto reception mode unless the answering machine is set to ring longer than the SFX-30. Select the answer reception mode. (page 31.)
Manual reception mode

Use this mode if you use the SFX-30 mainly for phone calls. You can receive an incoming fax message when a phone conversation ends.

1. Lift the handset when the telephone rings.
   - If the call is for a fax transmission (you hear an incoming fax tone), the SFX-30 receives incoming fax automatically when the feature switch No. 09 is set to any auto switching positions (01, 02, 03, 04 or 05). See page 60. Replace the handset after initiating the reception.

2. When the conversation is complete, press START.
   Your caller can start fax transmission after hearing a fax tone.

3. Replace the handset.

4. When reception is complete, a beep sounds.

Note:
- If the SFX-30 is located in a noisy place, the unit may not pick up the incoming fax signal and automatic receiving will not start. Press [START] button to initiate receiving.
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 SFX-30 through the line cord supplied with the SFX-30 or by the SANYO Dealer.)

1. The telephone rings according to the ring delay setting of your answering machine.

When an incoming fax signal is received:
The SFX-30 automatically switches to the receiving mode.

When a phone call is received:
The built-in phone rings and the connected answering machine plays your announcement and then takes messages.

- The SFX-30 can receive a fax after the answering machine plays the announcement if the caller is trying to send a fax manually.
- If there is no incoming voice signal for 6 seconds, the SFX-30 automatically switches over to the fax receiving mode and sends a fax signal to the caller.
- Be sure to advise callers in your announcement that fax reception takes place after the message.
  Example: Please leave a message or send a fax after you hear the tone.

2. Fax reception starts.

3. Reception is completed.

- The answering machine must be set to answer a call within 10 rings. (If the telephone is allowed to ring more than 11 times, the SFX-30 switches to fax receiving mode.)
- Automatic switching may not function properly on certain answering systems.
- When the SFX-30 is set to the ANSWER mode, there may be some difficulties in remote message retrieval operation of the connected answering machine. If you need to access the answering machine by remote, the SFX-30 must be set to the MANUAL mode.
Remote reception

The remote reception feature allows a fax reception after a telephone call is answered by an extension telephone connected to the same line as the SFX-30 either in series or parallel.

### Series connection
- **Telephone line**
- SFX-30
- Extension phone

### Parallel connection
- **Telephone line**
- SFX-30
- Extension phone
- Extension phone

---

The remote reception features are initially set to the OFF position. Reset the feature switches No. 08 and No. 57. See page 60 and 62.

**Using the extension phone directly connected to the SFX-30 (series connection):**

The feature switch No. 08 must be set to ON.

1. When an incoming call is received, lift the handset of the extension phone.
2. Talk.
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, follow the instructions on page 64.
Using a touch-tone extension phone connected to the same line in parallel:
The feature switch No. 57 must be set to ON.

1. When an incoming call is received, lift the handset of the extension phone.

2. Talk.

3. Enter * and then # on the extension phone to activate a fax reception.

4. Replace the handset.

You can also deactivate a fax reception from an extension phone:
If you answer a voice call on an extension phone while the SFX-30 is issuing the second set of rings in the auto reception mode, you can turn off the ringing by entering * and then # from the extension phone. Then the SFX-30 will not switch to fax receiving mode.

Notes
- Remote reception cannot be used from a parallel-connected, pulse-dialing extension phone.
- Remote reception does not work when the reception mode is set to ANSWER, use AUTO or MANUAL.
- Remote reception may not function properly on certain telephones.
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 14 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 reception 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.

- 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 phone reservation function, 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.
The copying feature of the SFX-30 offers four modes: normal (100%), enlargement (125%), reduction (80%) and reform mode.

The reform mode is used to stretch compressed images received by the paper-save mode back to the original appearance. The paper-save reception feature can be set using the menu. See paper-save reception on page 43.

Place the original document face down.

Select a contrast/resolution mode if necessary. (See page 21.)
- For copying, the SFX-30 uses FINE or SUPERFINE resolution only. (If the RESOLUTION key is set to STD, FINE setting is automatically used.)

Press \textit{COPY}.

Press \textit{MENU} to select the desired mode.
- The display changes each time the key is pressed: 125% – 80% – REFORM – 100%.

Press \textit{SET}.
- Copying begins.

A beep sounds when copying is completed.

The feature switch No. 50 turns the zoom copy function (enlargement, reduction and reform) on and off. The initial setting is ON (01). (See page 61.)
## Diagnostic reports

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

<table>
<thead>
<tr>
<th>ERROR CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>OK:</td>
<td>• Transmission/reception satisfactory.</td>
</tr>
</tbody>
</table>
| 10:        | • No response from other party. Contact other party to make sure other machine is ready to receive.  
            • Make sure the telephone line is connected to "LINE" on the rear of the SFX-30. |
| 12:        | • No response (to timer transmission). |
| 20:        | • STOP/C 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 jams during reception. Check the recording paper. |
| 25:        | • Cutter did not work during reception. Contact your dealer. |
| 27:        | • Timer transmission canceled or no original 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 in abnormal condition (no recording paper, etc.) Contact the other party. |
| 50:        | • Transmission was halted by the other party or their fax machine. (Line was disconnected during transmission/reception.) |
| 60:        | • Communication impossible due to poor phone line. |
| 71:        | • Communication impossible due to compatibility problems. Contact other party. Also make sure feature switch No. 26 position. |
Programming Functions

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Header print
   (setting your station name and fax number) .......................... 54
Calendar and clock ............................................................. 56
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Closed network communication (feature switch No. 26) .............. 63
Remote reception activation number ........................................ 64
Menu selection

Press MENU a variety of times to select the function that you want to program or change.

Press once.

To set timer transmission

Press twice.

To set polling reception

Press 3 times.

To set paper-save mode

Press 4 times.

To print activity report

Press 5 times.

To enter set mode

Various programming modes for the SFX-30 features and functions can be selected using MENU and SET keys. For detail see page 45.

Return to stand-by mode.
Timer transmission

The SFX-30 can be programmed for delayed fax transmission. The delayed start time can be set up to 24 hours in advance. A document of up to 10 pages can be programmed for timer transmission to one destination.

1. Place the original document face down.

2. Select a contrast/resolution mode if necessary. (See page 21.)

3. Press MENU.

4. Press SET.

5. Enter a delayed start time using the number keys. (The start time must be entered using the 24-hour system.)
   Example: 12:30

6. Press SET.
Enter the fax number.
Example: One-touch dial 1 for DEALER A

Press \textbf{SET}.

Incoming fax messages can still be received (auto and manual reception) after a timer transmission is set. It is also possible to transmit fax messages and make copies after timer transmission is set. To do this, press \textbf{STOP/C} and remove the document inserted for timer transmission. When transmission or copying are completed, simply replace the document intended for timer transmission.
To cancel a programmed timer transmission:

1. Press [MENU].

2. Press [SET].

3. Press [STOP/C] and then press [SET].

To remove inserted documents, press [STOP/C].

Timer transmission report

When a timer transmission is completed, a timer transmission report is printed out automatically.

```
*** TIMER TRNS. REPORT ***

26 Oct. '93 12:31

No. START PARTNER SET TIME PAGE RESULT ERROR CODE
    1 12:30 DEALER A 1 12:30 OK
```

If a fax number is busy when a timer transmission is attempted, the number is automatically redialed three times. The number of redials can be changed using the feature switch No. 05. (See page 60.)
Polling reception

The polling reception feature allows the SFX-30 to call another party and instruct the other party's 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 (if any) is billed to the receiving party.


2. Press [SET].

3. Dial the other party's fax number. Example: 123456789

4. Press [SET]. The unit begins dialing. When the line is connected, reception begins automatically.

Note:
- The other fax must be using ITU-T compatible polling.
Paper-save reception

Once this feature is set, the images of all received faxes are automatically compressed in length 50% or 75%, so less recording paper is used.

The compression ratio (50% or 75%) can be selected using the feature switch No. 55 (see page 62).

The factory-set position is 50%.

To set paper-save reception

1. Press \textit{MENU} 3 times.

2. Press \textit{SET}.

3. Press \textit{MENU}. Each time the \textit{MENU} key is pressed, the display shows ON-OFF. Press \textit{SET} at your desired selection.

4. Press \textit{SET}. \textit{A} beep sounds.

- To turn off the paper-save function, select OFF at step 3.
- This feature is effective only when the original document is transmitted in the STD (standard) resolution mode with NORMAL or LIGHT contrast.
- This feature is not effective for copying.
- The copy received in the paper-save mode can be reformatted to its original document size. (See \textit{reform copy} on page 35.)
Issuing activity report

You can print out an activity report at any time. The report shows up to 20 of the most recent transmissions and/or receptions.

1. Press MENU 4 times.

2. Press SET.

Sample of activity report

<table>
<thead>
<tr>
<th>TRNS.</th>
<th>DATE</th>
<th>START</th>
<th>TIME</th>
<th>PARTNER</th>
<th>PAGE</th>
<th>RESULT</th>
<th>ERROR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>26 Oct.</td>
<td>9:00</td>
<td>1'23</td>
<td>AAA</td>
<td>2</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>26 Oct.</td>
<td>10:00</td>
<td>0'45</td>
<td>BBB</td>
<td>1</td>
<td>OK</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECV.</th>
<th>DATE</th>
<th>START</th>
<th>TIME</th>
<th>PARTNER</th>
<th>PAGE</th>
<th>RESULT</th>
<th>ERROR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>26 Oct.</td>
<td>9:30</td>
<td>1'02</td>
<td>CCC</td>
<td>1</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>26 Oct.</td>
<td>10:30</td>
<td>0'38</td>
<td>DDD</td>
<td>1</td>
<td>OK</td>
<td></td>
</tr>
</tbody>
</table>

You can set the SFX-30 to issue a transmission report after each transmission. Consult your sector to set to the ON (issue) position the SFX-30 is initially factory-set to the OFF (non issue) position.
Setting mode selection

Various programming modes for the SFX-30 features and functions can be selected using [MENU] and [SET] keys.

1. Press [MENU] 5 times.
   Display shows: SET MODE ?

2. Press [SET].
   Display shows:
   (One-touch dialing memory programming mode) O.T DIAL SET ?

3. Press [MENU] a variety of times to select the set mode that you want to program or change.
   Press once
   (Speed-dialing memory programming mode) SPEED DIAL SET ?
   Press twice
   (Header print programming mode) STATION CODE SET
   Press 3 times.
   (Calendar/clock setting mode) TIME SET ?
   Press 4 times.
   (Feature switch setting mode) FEATURE SW. SET ?
   Press 5 times*.
   (Remote reception activation number programming mode) REMOTE NO. SET ?

*This display appears only when the feature switch No. 08 is set to ON.
The initial factory-setting is OFF. See page 60.
Entering names

Before programming the one-touch and speed-dial memory, you need to know how to enter names using number keys. Each alphabetical letter and symbol are assigned to a 2-digit code as shown on the next page.

### Entering letters

Example: To enter SFX

1. Press \[3 \cdot 6\] to enter S.  
   ![S]

2. Press \[2 \cdot 3\] to enter F.  
   ![SFX]

3. Press \[4 \cdot 1\] to enter X.  
   ![SFX]

4. Press \[0 \cdot 0\] to enter space.  
   ![SFX]

### Entering numbers

Example: To enter 67

1. Press \[6\] to enter 6 and then press \[#\] key to move the cursor to the right.  
   ![SFX 6]

2. Press \[7\] to enter 7.  
   ![SFX 67]
### Table of letter and symbol codes

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>space</td>
<td>(</td>
<td>K</td>
<td>Y</td>
<td>m</td>
<td>00</td>
</tr>
<tr>
<td>.</td>
<td>01</td>
<td>L</td>
<td>Z</td>
<td>n</td>
<td>01</td>
</tr>
<tr>
<td>,</td>
<td>02</td>
<td>M</td>
<td>a</td>
<td>o</td>
<td>02</td>
</tr>
<tr>
<td>:</td>
<td>03</td>
<td>N</td>
<td>b</td>
<td>p</td>
<td>03</td>
</tr>
<tr>
<td>;</td>
<td>04</td>
<td>O</td>
<td>c</td>
<td>q</td>
<td>04</td>
</tr>
<tr>
<td>-</td>
<td>05</td>
<td>P</td>
<td>d</td>
<td>r</td>
<td>05</td>
</tr>
<tr>
<td>+</td>
<td>06</td>
<td>Q</td>
<td>e</td>
<td>s</td>
<td>06</td>
</tr>
<tr>
<td>/</td>
<td>07</td>
<td>R</td>
<td>f</td>
<td>t</td>
<td>07</td>
</tr>
<tr>
<td>&amp;</td>
<td>08</td>
<td>S</td>
<td>g</td>
<td>u</td>
<td>08</td>
</tr>
<tr>
<td>*</td>
<td>09</td>
<td>T</td>
<td>h</td>
<td>v</td>
<td>09</td>
</tr>
<tr>
<td>#</td>
<td>10</td>
<td>U</td>
<td>i</td>
<td>w</td>
<td>10</td>
</tr>
<tr>
<td>!</td>
<td>11</td>
<td>V</td>
<td>j</td>
<td>x</td>
<td>11</td>
</tr>
<tr>
<td>*</td>
<td>12</td>
<td>W</td>
<td>k</td>
<td>y</td>
<td>12</td>
</tr>
<tr>
<td>+</td>
<td>13</td>
<td>X</td>
<td>l</td>
<td>z</td>
<td>13</td>
</tr>
</tbody>
</table>

- To enter number:
  0 — 6 Enter the number and press # to move cursor right.
  7 — 9 Enter the number. The cursor moves to the right automatically.

- If you make a mistake in entering a letter or a number, simply press # to move right or * to move left to the appropriate space and then enter the correct letter or number.
- To clear a name or a number, press STOP/C and re-enter.

### Placing the adhesive number sheet

An adhesive label for one-touch dialing number keys is attached. Once you have programmed one-touch dialing numbers, write the names that correspond to the keys and attach the label to the appropriate position.
One-touch dial memory programming

Up to 28 telephone or fax numbers (and corresponding names) can be stored in the SFX-30's memory. Each of the 8 one-touch dialing keys (1—8) can be used to store a fax number or a telephone number. An additional 20 numbers (fax or telephone) can be stored using the speed-dialing numbers (01—20).

1. Press [MENU] 5 times.

2. Press [SET].


4. Press one-touch dialing key (1-8).
   Example: To program a number in the one-touch key 2, press one-touch key [2].

5. Press [SET].

6. Enter the party's name (to a maximum of 16 characters).
   See page 46 for detailed instructions.
Enter the fax (or telephone) number. (A maximum of 16 digits can be entered including pauses and hyphens.)
Example: 0123456

Press SET.

Press SET.

Press STOP/C to finish one-touch number programming.

For instructions on printing out a numerical list of programmed names and numbers, see page 53.
To interrupt programming, press STOP/C.
To enter a hyphen (–), press SPEED DIAL.
To enter a three-second pause between two digits of a number, press REDIAL/PAUSE in the appropriate place. A semicolon (;) indicates a pause.
Speed-dial memory programming

1. Press [MENU] 5 times.

2. Press [SET].

3. Press [MENU].

4. Press [SET].

5. Enter a speed-dial number using the number keys.
   Example: To store a fax number in the speed-dial number 10, press 1, then 0.

6. Press [SET].

7. Enter the party's name (to a maximum of 16 characters).
   (See page 46 for detailed instructions.)
8  
Press SET.

9  
Enter the fax (telephone) number to be stored.
A maximum of 16 digits can be entered, including pauses and hyphens.
Example: 0123456

10  
Press SET.
Repeat steps 5 – 10 to program other numbers.

11  
Press STOP/C to finish speed-dial number programming.

- For instructions on printing out a list of programmed names and numbers, see page 53.
- To interrupt programming, press STOP/C.
- To enter a hyphen (—), press SPEED DIAL.
- To enter a three-second pause between two digits of a number, press REDIAL/PAUSE in the appropriate place. A semicolon (;) indicates a pause.
**Canceling programmed one-touch dialing numbers**

1. Press [MENU] 5 times.
3. Press the one-touch dialing key of the number you want to cancel.
4. Press [SET].
5. Press [STOP/C].
6. Press [SET]. Repeat steps 3—6 to cancel other one-touch key.

**Example:** One-touch 2

```
O.T No. = 2 ?
```

**Canceling programmed speed-dialing numbers**

1. Press [MENU] 5 times.
2. Press [SET].
3. Press [MENU].
4. Press [SET].
5. Press the number to be canceled.
6. Press [SET].
7. Press [STOP/C].
8. Press [SET]. Repeat steps 5—8 to cancel other speed-dial numbers.
9. Press [STOP/C].

**Example:** Speed-dial number 10

```
S.D No. = 10 ?
```
Printing a number list

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

**Printing one-touch dial list**

1. Press **MENU** 5 times.

2. Press **SET**.

3. Press **COPY**.

Sample of one-touch dial list.

---

*** ONETOUC DIAL LIST ***

26 Oct. '93 12:00

<table>
<thead>
<tr>
<th>No.</th>
<th>PARTY'S NAME</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AAA</td>
<td>000222333</td>
</tr>
<tr>
<td>2</td>
<td>BBB</td>
<td>444555666</td>
</tr>
<tr>
<td>3</td>
<td>CCC</td>
<td>777888999</td>
</tr>
</tbody>
</table>

**Printing speed-dial list**

1. Press **MENU** 5 times.

2. Press **SET**.

3. Press **MENU**.

4. Press **COPY**.

Sample of speed-dial list.

---

*** SPEED DIAL LIST ***

26 Oct. '93 12:00

<table>
<thead>
<tr>
<th>No.</th>
<th>PARTY'S NAME</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>DDD</td>
<td>111444666</td>
</tr>
<tr>
<td>02</td>
<td>EEE</td>
<td>333222111</td>
</tr>
<tr>
<td>03</td>
<td>FFF</td>
<td>555777999</td>
</tr>
</tbody>
</table>
Once you have programmed your station name and fax number into the SFX-30, this information is printed at the top of all faxes you send.

1. Press [MENU] 5 times.

2. Press [SET]


4. Press [SET]

5. Enter your station name. A maximum of 24 characters can be entered. (See page 46 for detailed instructions.)

6. Press [SET]
7 Enter your fax number. Your fax number can be entered up to 16 digits in length. Example: 0123456

8 Press SET

9 Print an activity report (See page 44) to make sure that your station name and fax number have been programmed correctly.

- To interrupt programming, press STOP/C
- If you make a mistake in entering a character, press STOP/C and then re-enter the letter or number.
- To enter a hyphen (-) between two digits, press SPEED DIAL
- To enter a plus sign (+) preceding your fax number, press HOLD
Calendar and clock

To set the date and the clock time.

1. Press **MENU** 5 times.

2. Press **SET**.

3. Press **MENU** 3 times.

4. Press **SET**.

5. Enter the day, month, year and time using the number keys.
   - The time must be entered using 24-hour system.
   - The day, month and year should be entered in 2 digits each.
   Example: to enter 26 October, 1993, 12:00, press 2, 6, 1, 0, 9, 3, 1, 2, 0, 9, 3 and 12.
If you make a mistake, move the cursor to the appropriate place, then enter the correct number.
Press `#` to move the cursor right.
Press `*` to move the cursor left.
The SFX-30 various feature switches were factory-preset to standard (default) settings before the unit was shipped to you. To provide you with more choices, the SFX-30 allows you to change these feature switch settings. The feature switches and their functions are listed on page 60, 61 and 62.

To change feature switch settings:

1. Press MENU 5 times.

2. Press SET.

3. Press MENU 4 times.

4. Press SET.

5. Enter the number of the switch you want to change. Example: To change the remote reception capability, press 0 and 8 to select feature switch 08.

6. Press SET.
Enter the code of your choice.
Example: To able remote reception, enter 0 and 1 to select the PULSE mode.

Press SET.
Repeat steps 5—8 to make additional changes (as required).

Press STOP/C.

To print out a feature switch setting list, press COPY after step 3.
To interrupt the feature switch setting procedure, press STOP/C.

Sample of feature switch list

<table>
<thead>
<tr>
<th>SWITCH NAME</th>
<th>SW. No.</th>
<th>SET CODE</th>
<th>INITIAL SET</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAUSE TIME</td>
<td>01</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td>REPEAT CALL(TIMER)</td>
<td>05</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td>REPEAT CALL(REDIAL)</td>
<td>06</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>REMOTE RECEIVE</td>
<td>08</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>FAX/PHONE CHANGE</td>
<td>09</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td>HOLD BUTTON MELODY</td>
<td>10</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>VOICE RESPONSE</td>
<td>16</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>PRINT DENSITY</td>
<td>23</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>CLOSED NETWORK (RX.)</td>
<td>26</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>INITIAL (RESOLUTION)</td>
<td>27</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td>INITIAL (CONTRAST)</td>
<td>28</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td>HALFTONE QUALITY</td>
<td>36</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>EDGE ENHANCEMENT</td>
<td>37</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>ZOOM COPY</td>
<td>50</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>AUTO TX.</td>
<td>54</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>PAPER SAVE RATE</td>
<td>55</td>
<td>00</td>
<td>00</td>
</tr>
<tr>
<td>FAX/TEL PARALLEL CONN.</td>
<td>57</td>
<td>00</td>
<td>00</td>
</tr>
</tbody>
</table>
# Feature switch list

<table>
<thead>
<tr>
<th>Switch No.</th>
<th>Setting items</th>
<th>Setting No.</th>
<th>Description</th>
<th>Factory Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Pause time.</strong></td>
<td>02</td>
<td>02 sec.</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td>03 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>04</td>
<td>04 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>05</td>
<td>05 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>06</td>
<td>06 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07</td>
<td>07 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>08</td>
<td>08 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>09</td>
<td>09 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10</td>
<td>10 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>11</td>
<td>11 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12</td>
<td>12 sec.</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td><strong>Number of redial attempts after timer transmission attempt. (3 – 4 minute intervals)</strong></td>
<td>00</td>
<td>OFF (No redial)</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>1 time</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>2 times</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td>3 times</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td><strong>Number of automatic redial attempts after regular transmission attempt using manual, one-touch or speed-dialing. (2–3 minute intervals)</strong></td>
<td>00</td>
<td>OFF (No redial)</td>
<td>02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>1 time</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>2 times</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td>3 times</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td><strong>Remote receiving capability</strong></td>
<td>00</td>
<td>OFF (No remote reception possible)</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>PULSE (For pulse-dialing extension telephone)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>TONE (For touch-tone dialing extension phone)</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td><strong>The simulated rings that the SFX-30 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).</strong></td>
<td>00</td>
<td>OFF (No rings/No auto switching)</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>3 rings (Auto switching)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>5 rings (Auto switching)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td>7 rings (Auto switching)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>04</td>
<td>9 rings (Auto switching)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>05</td>
<td>11 rings (Auto switching)</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td><strong>Music on hold</strong></td>
<td>00</td>
<td>Silence (No music)</td>
<td>02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>Minuet</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>Greensleeves</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td><strong>Voice response</strong></td>
<td>00</td>
<td>OFF</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>Switch No.</td>
<td>Setting Items</td>
<td>Setting No.</td>
<td>Description</td>
<td>Factory Setting</td>
</tr>
<tr>
<td>-----------</td>
<td>---------------------------------------------------</td>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>23</td>
<td>Print density</td>
<td>00</td>
<td>Normal</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>Darker</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Closed network communication (Receiving)</td>
<td>00</td>
<td>OFF (Checks numbers of incoming calls)</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td>Determines whether reception is restricted</td>
<td>01</td>
<td>ON (Checks numbers of incoming calls)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to programmed fax number.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Home position of the resolution mode</td>
<td>00</td>
<td>STD</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>FINE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>SUPERFINE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td>No-return</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Home position of the contrast mode</td>
<td>00</td>
<td>NORMAL</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>LIGHT</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>HALFTONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td>Not return</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Halftone quality (relative to transmission speed)</td>
<td>00</td>
<td>Faster transmission</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>Better halftone quality at slower speed</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Character edge enhancement level for halftone*</td>
<td>00</td>
<td>To enhance character edge, set higher number.</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Enlargement/Reduction/Reform copy.</td>
<td>00</td>
<td>OFF (No enlargement/reduction/reform possible)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>ON (Enlargement/reduction/reform possible)</td>
<td>01</td>
</tr>
<tr>
<td>54</td>
<td>Auto progress transmission</td>
<td>00</td>
<td>OFF (need to press START key for manual transmission)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>ON (no need to press START key for manual</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>transmission)</td>
<td></td>
</tr>
</tbody>
</table>

* Make a copy to determine the most suitable level for your document quality.
<table>
<thead>
<tr>
<th>Switch No.</th>
<th>Setting Items</th>
<th>Setting No.</th>
<th>Description</th>
<th>Factory Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>The compression percentage of paper-save</td>
<td>00</td>
<td>50%</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>75%</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>FAX/TEL parallel connection.</td>
<td>00</td>
<td>OFF</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01</td>
<td>ON</td>
<td></td>
</tr>
</tbody>
</table>
This feature allows you to restrict reception to certain parties. When this feature is selected, the unit checks the other party's fax/phone number and decides whether to receive. Reception is possible only when the other party's number is stored in the one-touch and speed dialing memory of your SFX-30. (Be sure to enter the other party's telephone number correctly.)

Closed network communication can be turned ON or OFF using feature switch No. 26.

Notes:
- Unregistered numbers cannot be received.
- Even a registered number cannot be received if the other fax machine does not have a station identification feature or the station number has not been programmed in their fax machine. Check with your parties before setting this function.
Remote reception activation number

The remote reception activation number (set to 33 at factory) allows you to activate a fax reception from the extension telephone connected to the SFX-30. To change this number, follow the steps below.

1. Press [MENU] 5 times.

2. Press [SET].

3. Press [MENU] 5 times.

4. Press [SET].

5. Enter your desired remote number (00—99). Example: 55

6. Press [SET].

To use the remote reception feature, the feature switch No. 08 must be set to the 01 (ON) position. The factory-set position is 00 (OFF). See page 60 to change the setting.

This feature may not function with some telephones.
Thermal paper handling

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

**Storage precautions**

The 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.
To store it, take the following 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 the thermal paper is touched with sweaty hands, fingerprints or smeared images may result.
2. If the 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 ones that are 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.
A beep sounds and display shows ORIGINAL JAM, if an original jams.
(If the ERROR lamp lights when the original jams, press [STOP/C] before operating below.)

1. Lift the operation panel forward.

2. Raise the document release lever.

3. Remove the jammed original while pressing the green release lever.

4. Reposition the release lever and close the operation panel.
Jammed recording paper

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

1. Open the protective cover and rear cover. Press OPEN button to open the recording paper cover.
2. Remove the jammed recording paper.
3. Cut off the jammed section of the recording paper and reinstall the roll.
4. Close the recording paper cover securely by pressing on the left and right front corners of the far end of the cover. The recording paper is cut automatically.
Cleaning

Cleaning the housing (exterior plastic parts)
Gently wipe the housing with a soft, clean cloth dampened with a small amount of a neutral detergent.
● Do not use a cleaning agent such as alcohol or benzene.

Cleaning the document feed roller-2
If a streak or dirty pattern appears on a copy or a fax you have sent, clean the document feed roller-2 with a soft, clean cloth dampened with a small amount of neutral detergent.

1. Open the operation panel.

2. In order to rotate the document feed roller-2, press the document sensor as shown in the figure.

3. Clean the document feed roller-2, then dry it thoroughly to prevent the document from jamming.
Cleaning the document feed roller-1

If the document jamming or overlapping frequently occurs, clean the document feed roller-1 with a cotton swab dampened with a small amount of a neutral detergent.

1. Open the operation panel then pull the document release lever as shown in the figure.

2. In order to rotate the document feed roller-1, press the document sensor as shown in the figure.

3. Clean the document feed roller-1, then dry them thoroughly to prevent the document from jamming.

Document feed roller-1
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.

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Possible Causes/Solutions</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit does not operate.</td>
<td>AC plug may not be connected to electrical outlet.</td>
<td>8</td>
</tr>
<tr>
<td>The display indicates CHECK PAPER ROLL</td>
<td>Recording paper may not be set properly.</td>
<td>10</td>
</tr>
<tr>
<td>Document cannot be inserted.</td>
<td>Recording paper may have run out.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Document may be too thin or too thick.</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Another document may be jammed inside. Open operation panel and remove jammed document. You may have placed more than 10 sheets.</td>
<td>66</td>
</tr>
<tr>
<td><strong>Transmission</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transmission is not possible.</td>
<td>Document may not be inserted enough into the slot.</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Recording paper may have run out on receiving unit.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Receiving unit may be set for manual reception.</td>
<td>30</td>
</tr>
<tr>
<td><strong>Reception</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reception is not possible. (Bell rings).</td>
<td>Unit may be set for manual reception. Just lift the handset. Incoming fax transmission can be received without pressing START</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>AC cord may not be connected.</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Recording paper may have run out.</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Closed network communication may be on. Check feature switch No. 26.</td>
<td>63</td>
</tr>
<tr>
<td></td>
<td>Recording paper may have run out.</td>
<td>10</td>
</tr>
<tr>
<td>Received copy is not dark enough.</td>
<td>The recommended recording paper is not used.</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Transmitted original may be light.</td>
<td>21</td>
</tr>
<tr>
<td>Received copy is blank.</td>
<td>Recording paper may have been inserted upside-down.</td>
<td>10</td>
</tr>
<tr>
<td>Received copy contains illegible/distorted characters.</td>
<td>Phone connection may have been poor. (If problem continues, contact dealer.)</td>
<td></td>
</tr>
<tr>
<td>Red line appears on recording paper.</td>
<td>Recording paper has almost run out. Install a new recording paper roll.</td>
<td>10</td>
</tr>
<tr>
<td><strong>Error Light</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Error lamp lights.</td>
<td>Press STOP/C to turn off the ERROR LIGHT.</td>
<td>44/36</td>
</tr>
<tr>
<td>Phone Call</td>
<td>Possible Causes/Solutions</td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>---------------------------</td>
<td></td>
</tr>
<tr>
<td>No dial tone when handset is picked up.</td>
<td>Telephone line may not be connected properly.</td>
<td></td>
</tr>
<tr>
<td>Sound from speaker is too low.</td>
<td>Monitor volume switch may be set to “L”.</td>
<td></td>
</tr>
<tr>
<td>No ringer volume is heard.</td>
<td>Ringer volume switch may be set to “OFF”.</td>
<td></td>
</tr>
<tr>
<td>Fax/phone call does not connect to other party.</td>
<td>Wrong dialing mode may be set.</td>
<td></td>
</tr>
<tr>
<td>Impossible to place phone call.</td>
<td>Fax possibly being transmitted or received.</td>
<td></td>
</tr>
<tr>
<td>Telephone does not ring.</td>
<td>Too many phones may have been connected to the same line.</td>
<td></td>
</tr>
<tr>
<td>Remote reception does not work. (in series connection)</td>
<td>Remote reception feature switch (No. 08) may have been set to off.</td>
<td></td>
</tr>
<tr>
<td>If you have initiated the call from the extension phone, remote reception will not work.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension Phone</td>
<td>Possible Causes/Solutions</td>
<td></td>
</tr>
<tr>
<td>Remote reception does not work. (in parallel connection)</td>
<td>FAX/TEL parallel connection feature switch (No. 57) may have been set to off.</td>
<td></td>
</tr>
<tr>
<td>If you have initiated the call from extension phone, remote reception will not work.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Specifications

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recording paper (30 m/98')</td>
<td>R-4079448-1</td>
</tr>
<tr>
<td>High-grade thermal recording (25 m/82')</td>
<td>3RE2182800450</td>
</tr>
</tbody>
</table>