

# Panasonic

Compact Plain Paper Fax with 900MHz Cordless  
and Answering System

## Operating Instructions

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Model No. **KX-FPC165**  
**KX-FPC166**



**FOR FAX ADVANTAGE ASSISTANCE:**

– CALL

*1-800-HELP-FAX (1-800-435-7329)*

– E-MAIL TO

*consumerproducts@panasonic.com*

for customers in the U.S.A. or Puerto Rico

– REFER TO

*www.panasonic.com*

for customers in the U.S.A. or Puerto Rico

Please read these Operating Instructions before using the unit and save for future reference.

**This model is designed to be used only in the U.S.A.**

Thank you for purchasing a Panasonic facsimile.

## Things you should keep a record of

Attach your sales receipt here

### For your future reference

Date of purchase

Serial number

(found on the rear of the unit)

Dealer's name and address

Dealer's telephone number

### Caution:

- The Telephone Protection Act of 1991 requires the following information to be clearly stated either at the top or bottom margin of the first message page when transmitting messages via telephone facsimile:
  - date and time of transmission,
  - identification of the business, entity or person(s) sending the facsimile, and
  - telephone number of the business, entity or person(s).To program this information into your unit, complete all the instructions on pages 17 to 20.
- Note that the images of copied or received documents will remain on the used ink film. Use discretion when disposing of the used ink film.
- Do not rub or use an eraser on the printed side of recording paper, as the print may smear.

### Energy Star

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.



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# For best performance

## Battery charge

Place the handset on the cradle of the base unit for about **4 hours** before initial use.

Slowly place the handset on the cradle vertically (①), then lean it back (②).

- A beep will sound, and the following will be displayed for an instant time on the base unit.

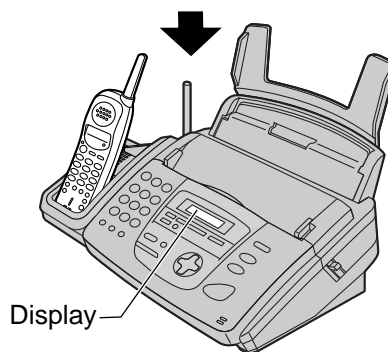
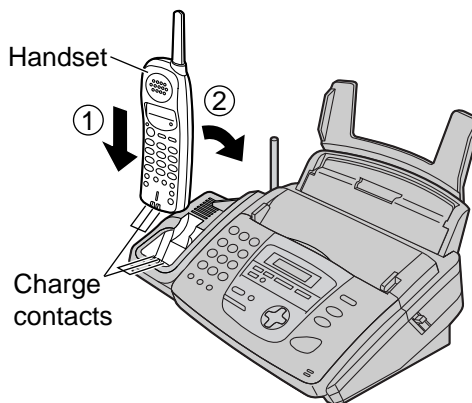
Display: 

CHARGING
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The display will show the date and time.

- If the base unit is in use, a beep may not sound and the above display may not be shown.



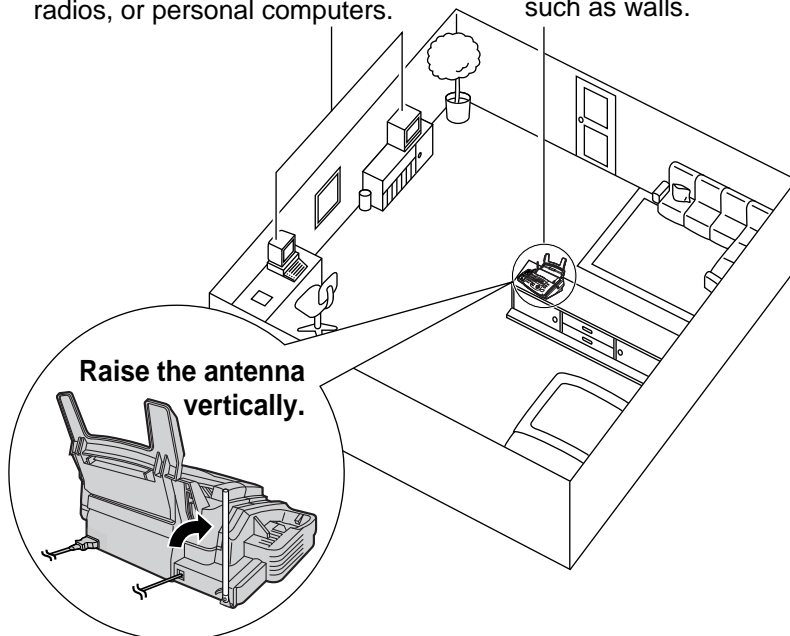
## Operating distance and noise

Calls are transmitted between the base unit and the handset using wireless radio waves.

**For maximum distance and noise free operation**, the recommended base unit location is:

Away from electrical appliances such as TVs, radios, or personal computers.

In a **HIGH** and **CENTRAL** location with no obstructions such as walls.



# Safety instructions

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## Important safety instructions

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When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bath tub, wash bowl, kitchen sink, or the like.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. For safety purposes this unit is equipped with a grounded plug. If you do not have this type of outlet, please have one installed. Do not use any type of adaptor plug to defeat this safety feature.
9. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
10. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
11. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
12. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized service center when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
13. Unplug this unit from the wall outlet and refer servicing to an authorized service center when the following conditions occur:
  - A. When the power supply cord or plug is damaged or frayed.
  - B. If liquid has been spilled into the unit.
  - C. If the unit has been exposed to rain or water.
  - D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized service center.
  - E. If the unit has been dropped or physically damaged.
  - F. If the unit exhibits a distinct change in performance.
14. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
15. Do not use this unit to report a gas leak, when in the vicinity of the leak.

**SAVE THESE INSTRUCTIONS**

## CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the battery(ies) specified.
2. Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

## INSTALLATION:

- 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 interface.
- Use caution when installing or modifying telephone lines.

## WARNING:

- To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.

## OTHER INFORMATION:

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of this unit.
- Do not touch the plug with wet hands.

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## Help

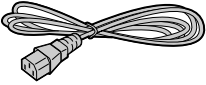



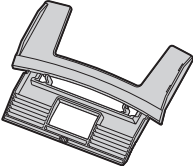
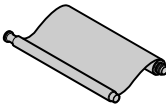
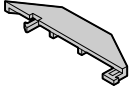

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# Accessories

## Included accessories

<p>Power cord.....1</p>  <p>Part No. PFJA1030Z</p>	<p>Telephone line cord...1</p>  <p>Part No. PQJA10075Z</p>	<p>Cordless handset ....1</p>  <p>— The rechargeable battery is pre-installed.</p>	<p>Belt clip .....1</p>  <p>Part No. PQKE10083Z1</p>
<p>Paper tray .....1</p>  <p>Part No. PFKS1056Z2</p>	<p>Ink film.....1 (included film roll)</p> 	<p>A4 paper guide .....1</p>  <p>Part No. PFZMFPC165M</p>	<p>Operating instructions .....1</p>  <p>Part No. PFQX1594Z</p>

- If any item is missing or damaged, check with the place of purchase.
- The part numbers listed above are subject to change without notice.
- Save the original carton and packing materials for future shipping and transportation of the unit.

## Accessory information

The included film roll is 10 meters (32½') long. We recommend that you buy full size replacement film – 50 meters (164') for continuous use of your unit. For best results, use genuine Panasonic replacement film Model No. KX-FA53 or KX-FA55.

Model No.	Item	Specifications / Usage
KX-FA53	Replacement film	1 roll – 216 mm x 50 m (8½" x 164')
KX-FA55	Replacement film	2 rolls – 216 mm x 50 m (8½" x 164')
KX-FA50B	Legal paper tray	To install legal size recording paper.
P-P504	Rechargeable battery	Ni-Cd battery for the cordless handset.
KX-TCA87	Headset	For a hands-free telephone conversation.

- **The ink film is not reusable. Do not rewind and use the ink film again.**
- To place an order:
  - Telephone:** Call 1-800-332-5368.
  - Fax:** Send a fax to 1-800-237-9080.  
Include: — your name, shipping address and telephone number,  
— credit card type, number, expiration date and your signature,  
— order part number and quantity.
  - Internet:** Visit our web site: <http://www.panasonic.com/store>  
(for customers in the U.S.A. or Puerto Rico ONLY)
- If you have any questions about internet orders, please contact us at:
  - E-mail:** [panasonicdirect@panasonic.com](mailto:panasonicdirect@panasonic.com)
  - Telephone:** 1-201-348-7292



## Help function

You can print a quick reference for assistance as follows.

**1** Press **HELP**.

Display: PRESS NAVI. [◀ ▶]  
& SET

**2** Press **◀** or **▶** until the desired item is displayed.

1. How to send faxes with the voice guide.

SEND GUIDE  
PRESS SET

2. How to set the date, time, your logo and fax number.

QUICK SET UP  
PRESS SET

3. How to program the features.

FEATURE LIST  
PRESS SET

4. How to store names in the directory and how to dial them.

DIRECTORY  
PRESS SET

5. Help with problems operating the answering device.

TAD OPERATION  
PRESS SET

6. Help with problems sending/receiving faxes.

FAX SND/RCV  
PRESS SET

7. How to use the copier function.

COPIER  
PRESS SET

8. Frequently asked questions and answers.

Q and A  
PRESS SET

9. Explanation of error messages shown on the display.

ERRORS  
PRESS SET

10. List of available reports.

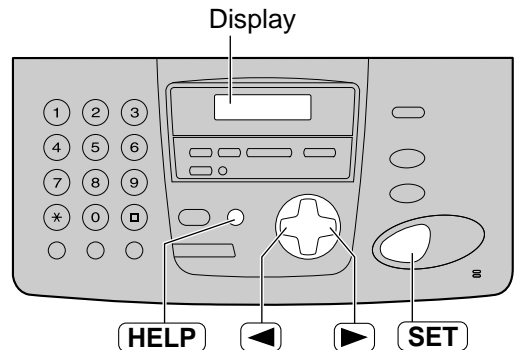
REPORTS  
PRESS SET

11. How to use the Caller ID service.

CALLER ID  
PRESS SET

**3** Press **SET**.

PRINTING



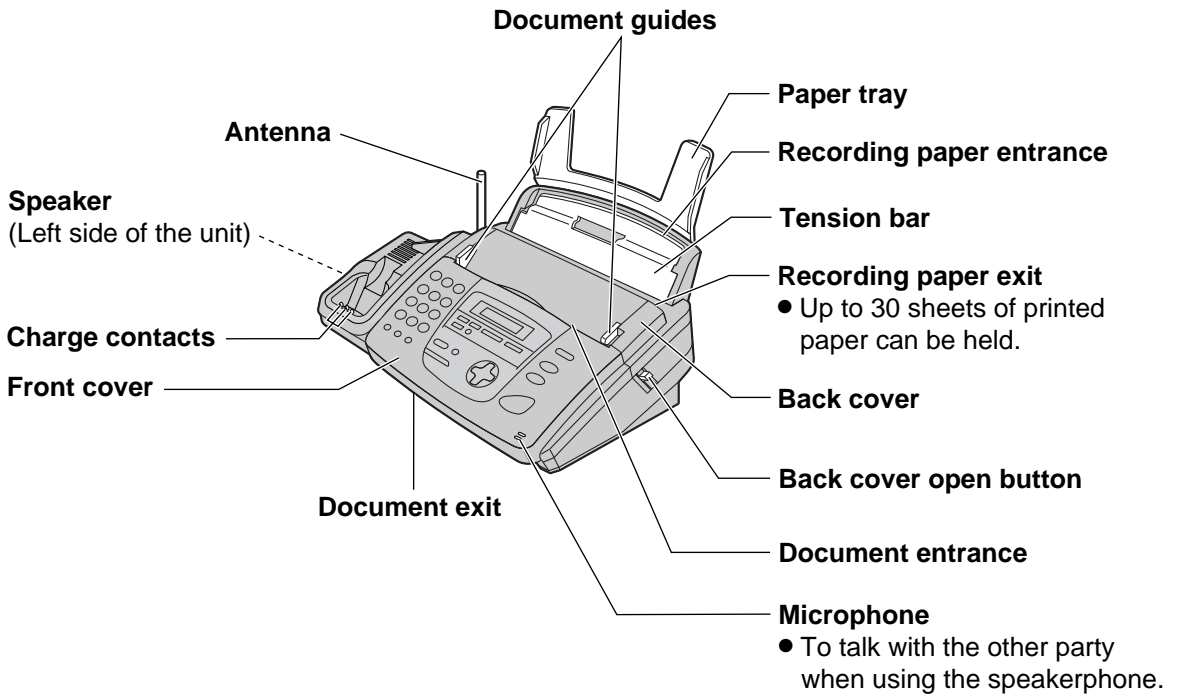
# Finding the Controls (Base Unit)

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## Overview

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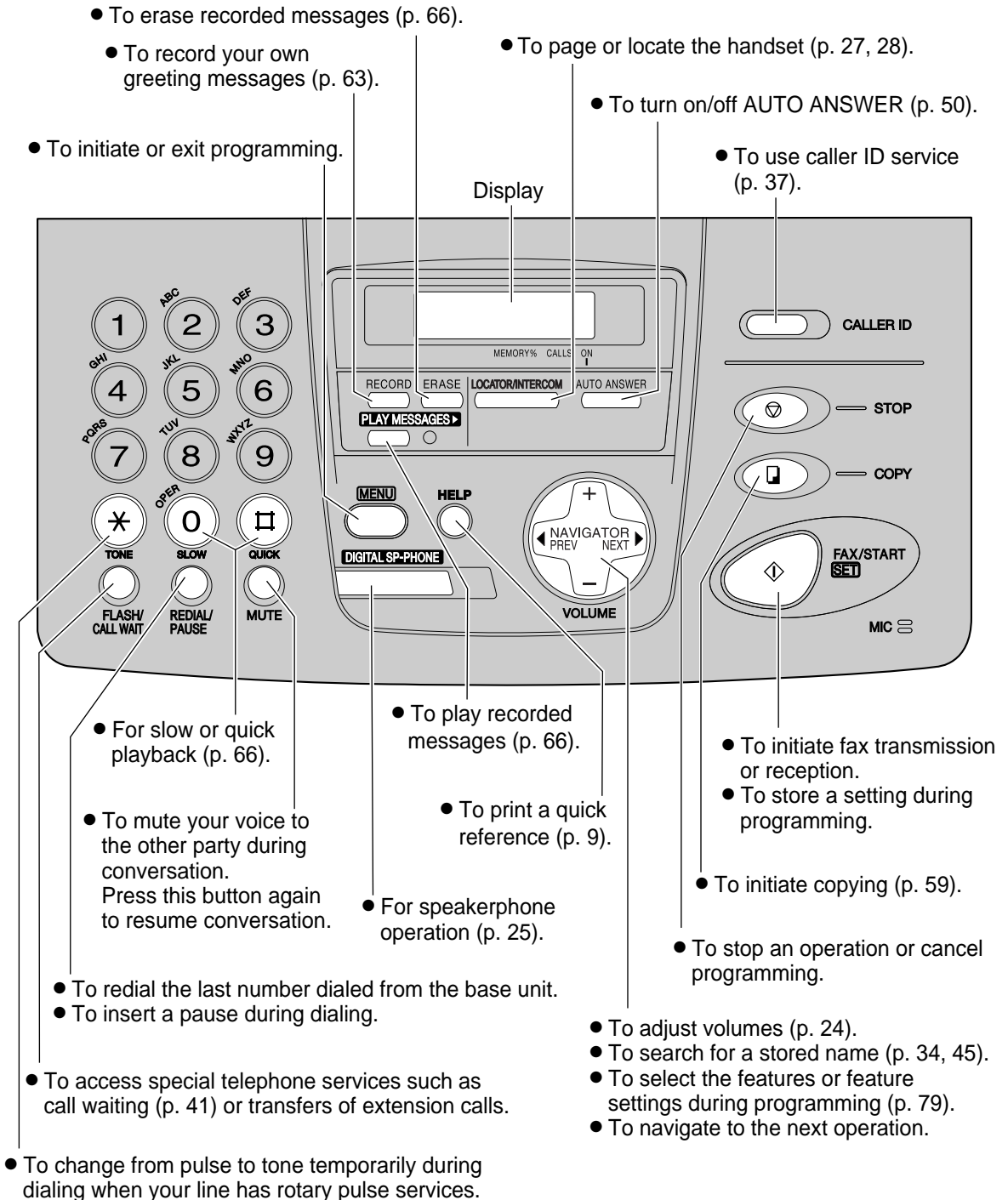


### Note:

- The document will be ejected from the front of the unit. Install the unit on a desk or floor with a smooth surface and do not place anything in front of the unit.

# Finding the Controls (Base Unit)

## Location



# Setup (Base Unit)

## Ink film – installing / replacing

Install the included ink film or replace the used ink film with new one.

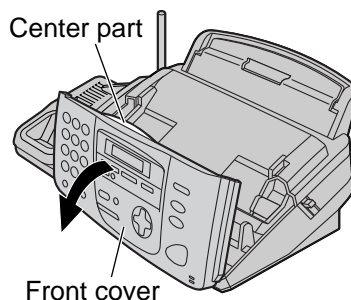
The following ink films are available for replacement.

**Model No. KX-FA53:** Replacement film (1 roll)

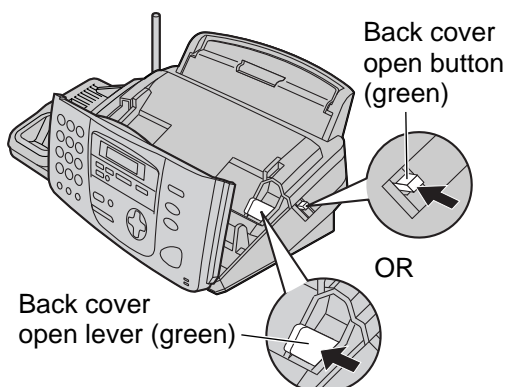
**Model No. KX-FA55:** Replacement film (2 rolls)

Each roll prints about 150 letter-size pages. See page 8 for accessory information.

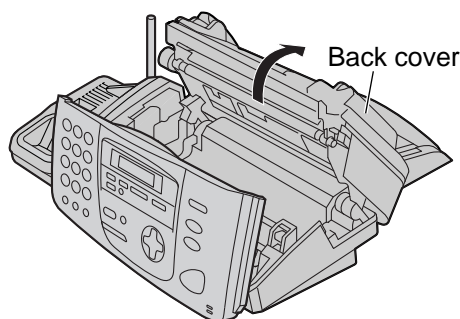
- 1 Open the front cover by pulling up the center part.
  - If the handset is on the cradle, take it off before opening the cover.



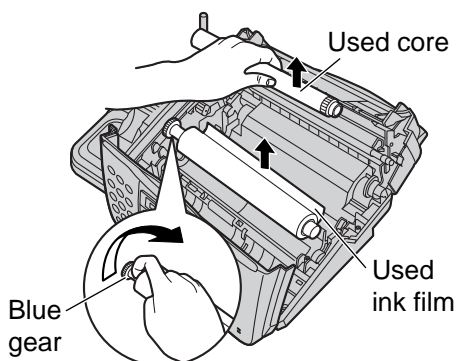
- 2 Push the back cover open button (green) on the right side of the unit.  
OR  
Push the back cover open lever (green) inside of the unit.



- 3 Open the back cover.
  - If you are installing the included ink film for the first time, skip to step 6.

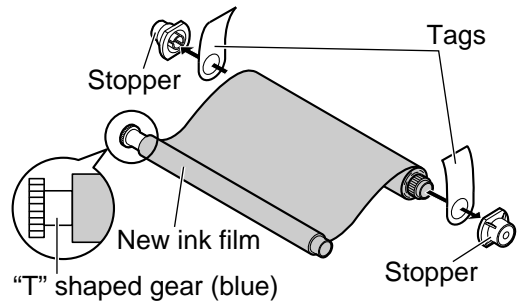


- 4 **For replacement only**  
Pull out the blue gear and remove the used ink film. Remove the used core.

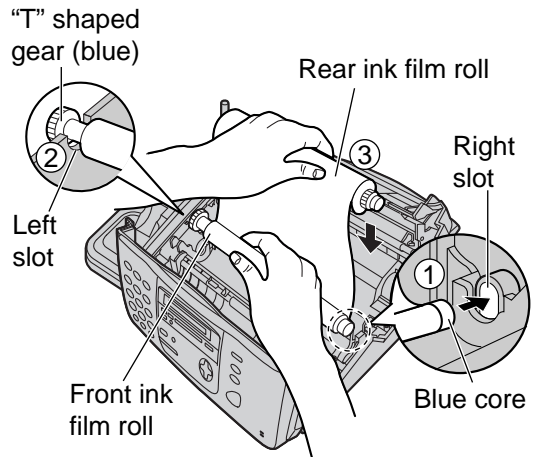


# Setup (Base Unit)

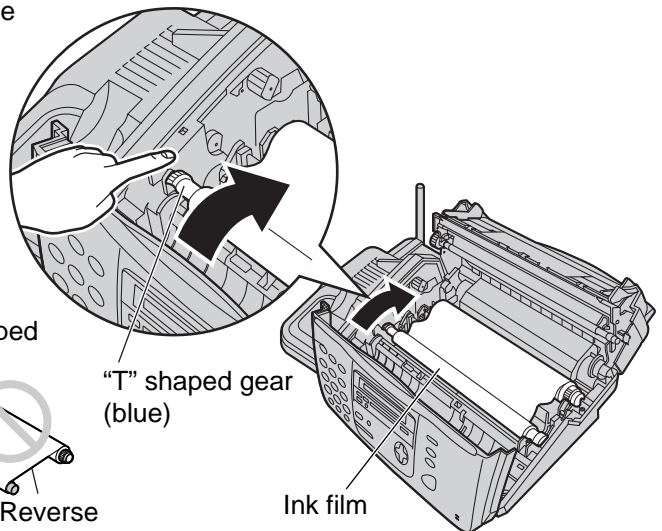
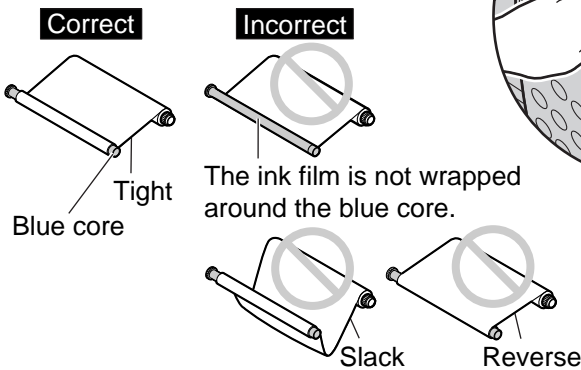
- 5 For replacement only**  
Remove the stoppers and tags from the new ink film. Find the "T" shaped gear (blue).



- 6** Insert the blue core of the front ink film roll into the right slot of the unit (①). Insert the "T" shaped gear (blue) into the left slot of the unit (②).  
Insert the rear ink film roll (③).

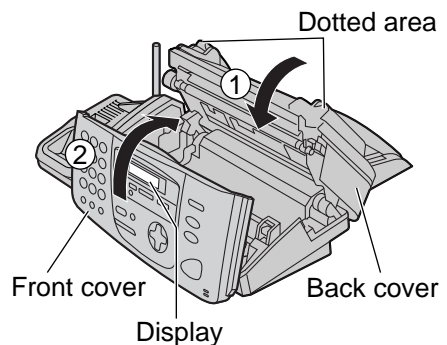


- 7** Turn the "T" shaped gear (blue) in the direction of the arrow.  
• Make sure that the ink film is wrapped around the blue core at least once.



- 8** Close the back cover securely by pushing down on the dotted area at both ends (①). Close the front cover securely (②).  
• The following will be displayed while the unit is checking that there is no slack in the ink film.

Display: PLEASE WAIT



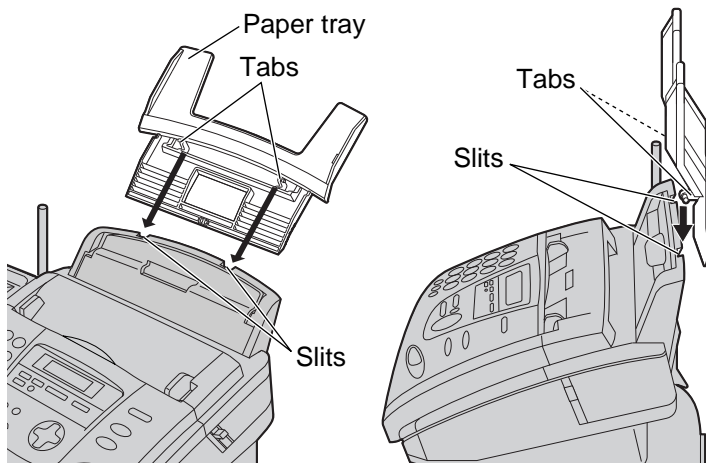
**Note:**

- The ink film is completely safe to touch, and will not rub off on your hands like carbon paper.

# Setup (Base Unit)

## Paper tray

Insert tabs on the paper tray into slits on the back of the unit.



### Note:

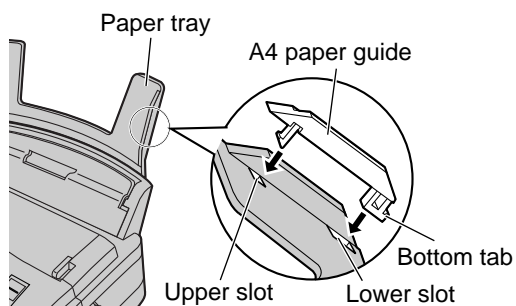
- Do not place the unit in areas where the paper tray may be obstructed by a wall, etc.

### To use A4 size paper

Insert the bottom tab on the A4 paper guide into the lower slot.

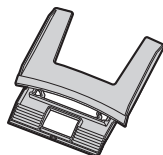
Press the guide into the upper slot.

- Change the recording paper size (feature #16 on page 81).



### To use legal size paper

Please purchase a legal paper tray, Model No. KX-FA50B (p. 8) and install as shown above.



KX-FA50B  
Legal paper tray

## Recording paper

Letter, legal or A4 size recording paper can be loaded. The unit can hold up to 50 sheets of 60 g/m<sup>2</sup> to 75 g/m<sup>2</sup> (16 lb. to 20 lb.) paper or 30 sheets of 90 g/m<sup>2</sup> (24 lb.) paper.

**For best results, only use inkjet paper such as Hammermill Jet Print. If you use other types of paper, the print quality may be affected.**

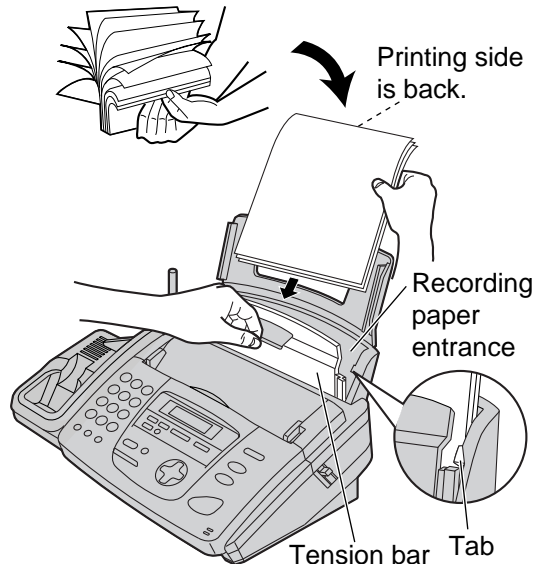
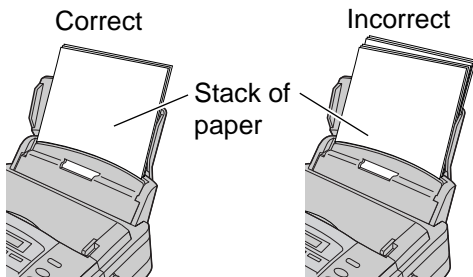
— To use legal size paper, please install an optional legal paper tray, Model No. KX-FA50B (p. 8, 14).

— To use A4 size paper, see page 14.

**1** Fan the stack of paper to prevent a paper jam.

**2** Pull the tension bar forward and hold open while inserting the paper.

- The paper should not be over the tab.
- If the paper is not inserted correctly, readjust the paper, or the paper may jam.



### Note for recording paper:

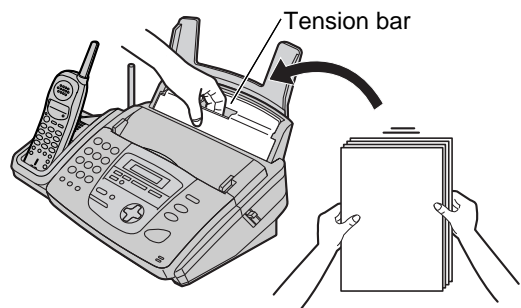
- Avoid using paper with a cotton and/or fiber content that is over 20%, such as letterhead paper or paper used for resumes.
- Do not use different types or thicknesses of paper at the same time. This may cause a paper jam.
- Avoid extremely smooth or shiny paper that is highly textured.
- Avoid paper that is coated, damaged or wrinkled.

### Note:

- Avoid double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copiers or printers, or the paper may jam.
- Some paper only accepts print on one side. Try using the other side of paper if you are not happy with the print quality.

## Adding paper

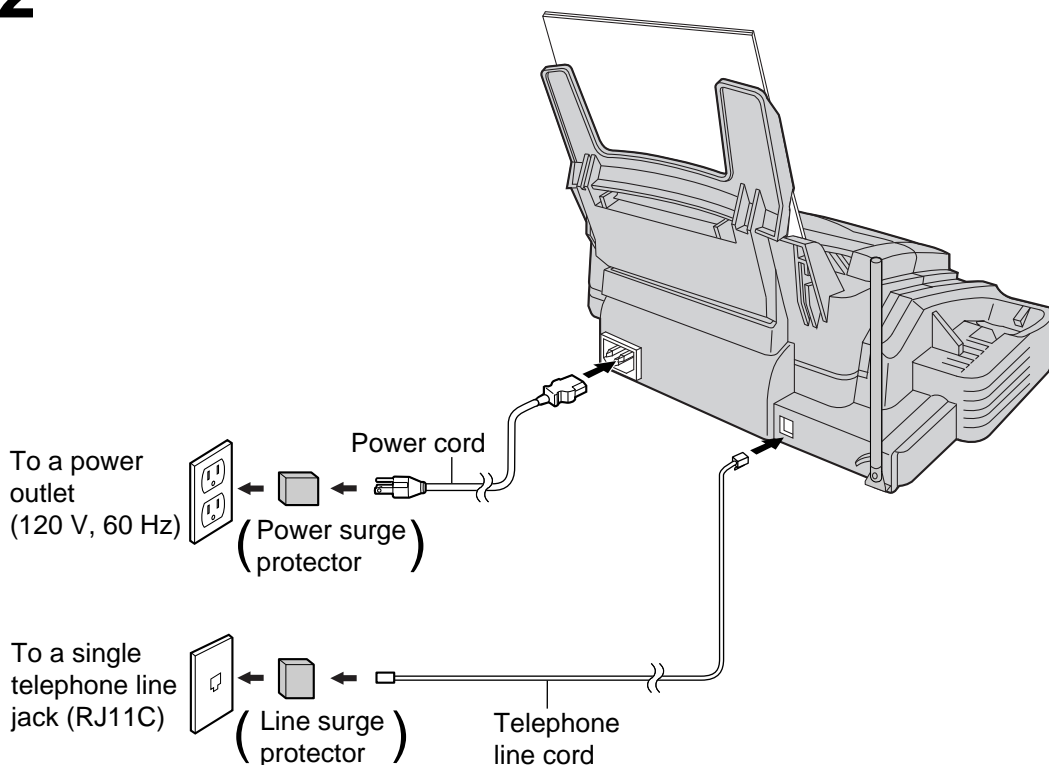
1. Pull the tension bar forward and hold open while removing all of the installed paper.
2. Add paper to the removed paper and straighten.
3. Fan the stack of paper.
4. Pull the tension bar forward and hold open while inserting the paper.



# Setup (Base Unit)

## Connections

- 1 Connect the telephone line cord.
- 2 Connect the power cord.



### Caution:

- When you operate this product, the power outlet should be near the product and easily accessible.

### Note:

- For additional equipment protection, we recommend you use a surge protector. The following types are available: TELESPIKE BLOK MODEL TSB (TRIPPE MFG. CO.), SPIKE BLOK MODEL SK6-0 (TRIPPE MFG. CO.), SUPER MAX (PANAMAX) or MP1 (ITW LINX).  
The warranty does not cover damage due to power line surges or lightning.

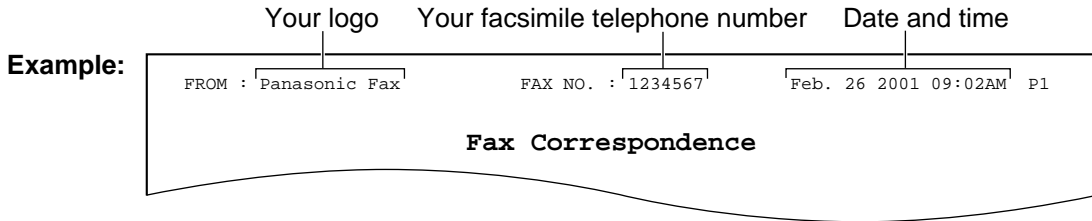
### To use the fax machine with a computer on the same line

- We recommend you use separate wall jacks for the fax machine and the computer.
- Set the fax machine to TEL mode (p. 52).
- The device which has the shortest ring setting will answer the call first.
- If the computer provides a port for telephone line, connect the fax machine to the port on the computer.



## Date and time, your logo and facsimile telephone number

You should program the date and time, your logo and facsimile telephone number. This information will be printed on each page transmitted from your unit.



### Setting the date and time

**1** Press **MENU**.

Display: SYSTEM SET UP  
PRESS NAVI. [◀ ▶]

**2** Press **◀** or **▶** until the following is displayed.

SET DATE & TIME  
PRESS SET

**3** Press **SET**.

Cursor  
Example: M:01/D:01/Y:01  
TIME: 12:00AM

**4** Enter the correct month/day/year by selecting 2 digits for each, using the dial keypad.

**Example:** Aug. 10, 2001

Press **081001**.

M:08/D:10/Y:01  
TIME: 12:00AM

**5** Enter the correct hour/minute by selecting 2 digits for each, using the dial keypad.

Press **\*** to select "AM" or "PM".

**Example:** 3:15PM

1. Press **0315**.

M:08/D:10/Y:01  
TIME: 03:15AM

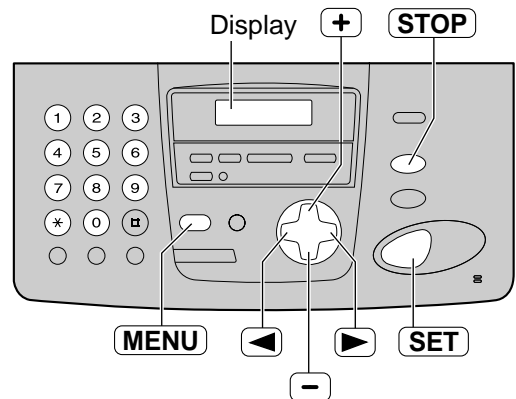
2. Press **\*** until "PM" is displayed.

M:08/D:10/Y:01  
TIME: 03:15PM

**6** Press **SET**.  
• The next feature will be displayed.

YOUR LOGO  
PRESS SET

**7** Press **MENU**.



#### Note:

- You can enter the number by pressing **+** or **-** in steps 4 and 5. In this case, press **▶** to move the cursor.
- The accuracy of the clock is approximately  $\pm 60$  seconds a month.

#### To correct a mistake

- Press **◀** or **▶** to move the cursor to the incorrect number, and make the correction.
- If you press **STOP** while programming, the display will return to the previous one.

# Setup (Base Unit)

## Setting your logo

The logo can be your company, division or name.

**1** Press **MENU**.

Display: SYSTEM SET UP  
PRESS NAVI. [◀ ▶]

**2** Press **◀** or **▶** until the following is displayed.

YOUR LOGO  
PRESS SET

**3** Press **SET**.

LOGO=

**4** Enter your logo, up to 30 characters, using the dial keypad. See the next page for details.

**Example:** "Bill"

1. Press **2** 2 times.

Cursor  
LOGO=B

2. Press **4** 6 times.

LOGO=Bi

3. Press **5** 6 times.

LOGO=Bi1

4. Press **▶** to move the cursor to the next space and press **5** 6 times.

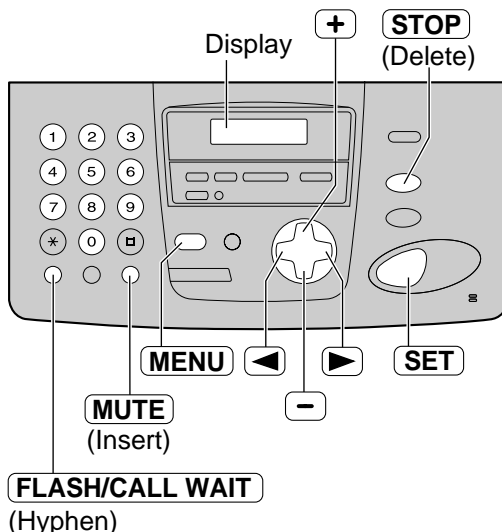
LOGO=Bill

**5** Press **SET**.

• The next feature will be displayed.

YOUR FAX NO.  
PRESS SET

**6** Press **MENU**.



### Note:

- You can enter your logo by pressing **+** or **-** (see the next page) in step 4. In this case, press **▶** to move the cursor.

### To correct a mistake

- Press **◀** or **▶** to move the cursor to the incorrect character, and make the correction.

### To delete a character

- Move the cursor to the character you want to delete and press **STOP** (Delete).



### To insert a character

1. Press **◀** or **▶** to move the cursor to the position to the right of where you want to insert the character.
2. Press **MUTE** (Insert) to insert a space and enter the character.

# Setup (Base Unit)


## To select characters with the dial keypad

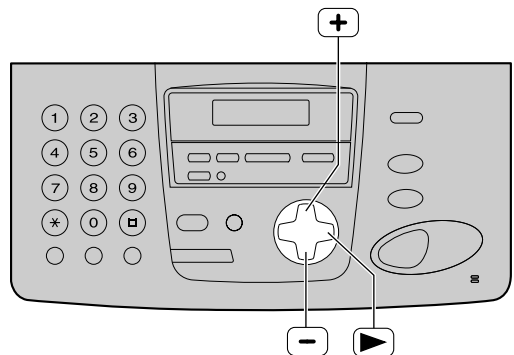
Pressing the dial keys will select a character as shown below.

Keys	Characters
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
⑩	0 ( ) < > ! " # \$ % & ¥ * @ ^ ' →
<b>FLASH/CALL WAIT</b>	<b>Hyphen</b> button (To insert a hyphen.)
<b>MUTE</b>	<b>Insert</b> button (To insert one character or one space.)
<b>STOP</b>	<b>Delete</b> button (To delete a character.)
	▶ key (To move the cursor to the right.) To enter another character using the same number key, move the cursor to the next space.
	◀ key (To move the cursor to the left.)

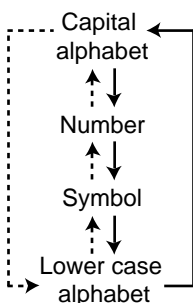
## To select characters using **+** or **-**

Instead of pressing the dial keys, you can select characters using **+** or **-**.

1. Press **+** or **-** until the desired character is displayed.
2. Press  to move the cursor to the next space.
  - The character displayed in step 1 is inserted.
3. Return to step 1 to enter the next character.



## Display order of characters



→ : Pressing **+**

---> : Pressing **-**

# Setup (Base Unit)

## Setting your facsimile telephone number

**1** Press **MENU**.

Display: SYSTEM SET UP  
PRESS NAVI. [◀ ▶]

**2** Press **◀** or **▶** until the following is displayed.

YOUR FAX NO.  
PRESS SET

**3** Press **SET**.

NO. =

**4** Enter your facsimile telephone number, up to 20 digits, using the dial keypad.

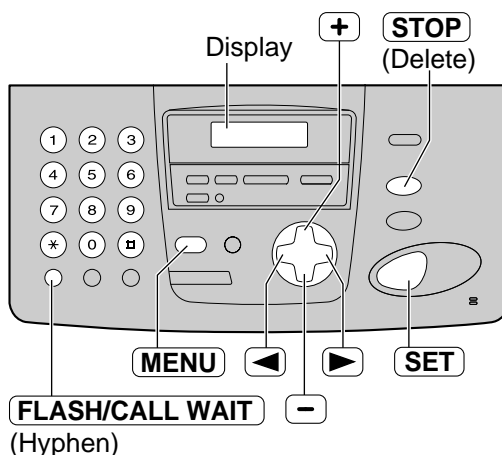
Example: NO. = 1234567

**5** Press **SET**.

- The next feature will be displayed.

SENDING REPORT  
MODE=ERROR [±]

**6** Press **MENU**.



### Note:

- You can enter your facsimile telephone number by pressing **+** or **-** in step 4. If you use **+** or **-**, press **▶** to move the cursor.
- The **\*** button replaces the digit with a "+" and the **#** button replaces it with a space.

**Example** (using the dial keypad): +234 5678

Press **\*234#5678**.

- To enter a hyphen in a telephone number, press **FLASH/CALL WAIT** (Hyphen).

### To correct a mistake

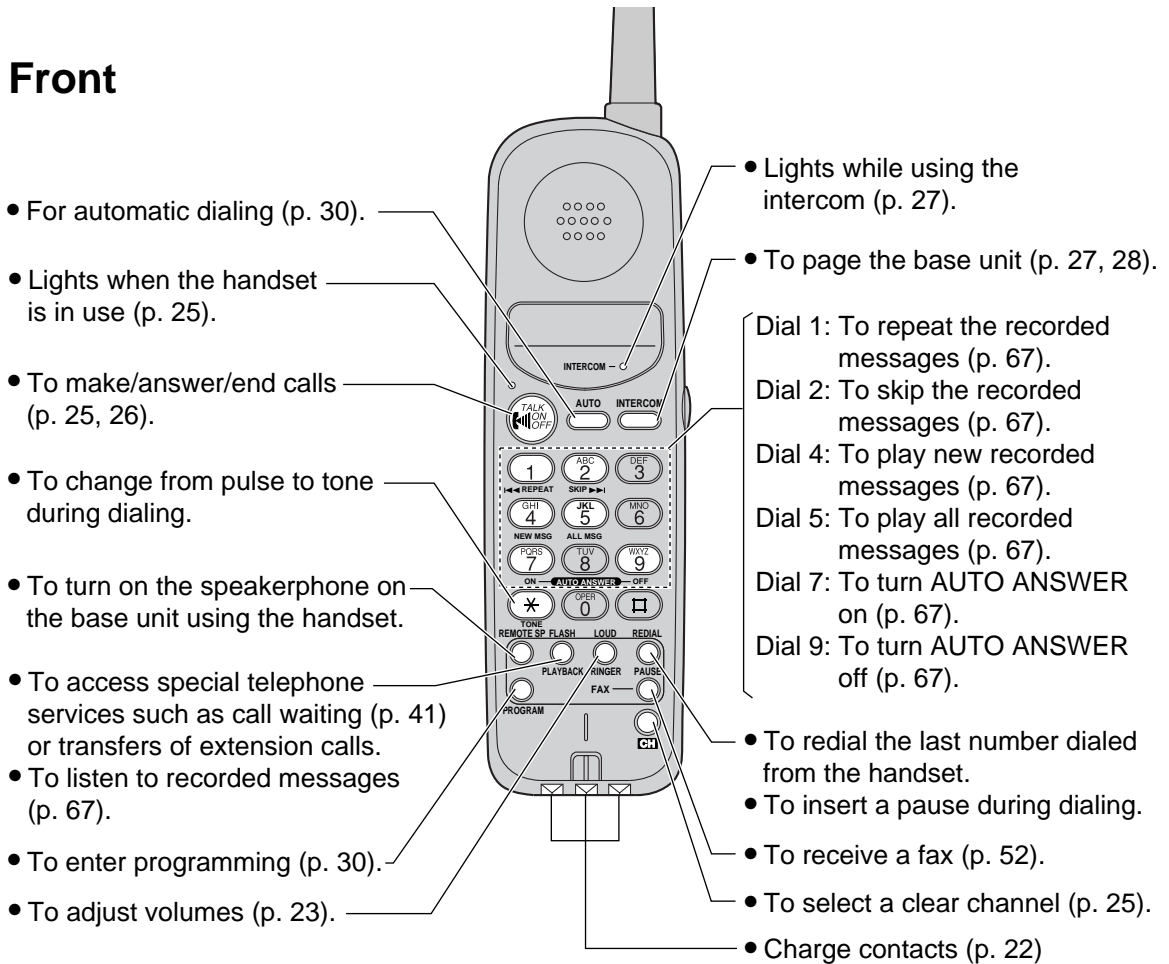
- Press **◀** or **▶** to move the cursor to the incorrect number, and make the correction.

### To delete a number

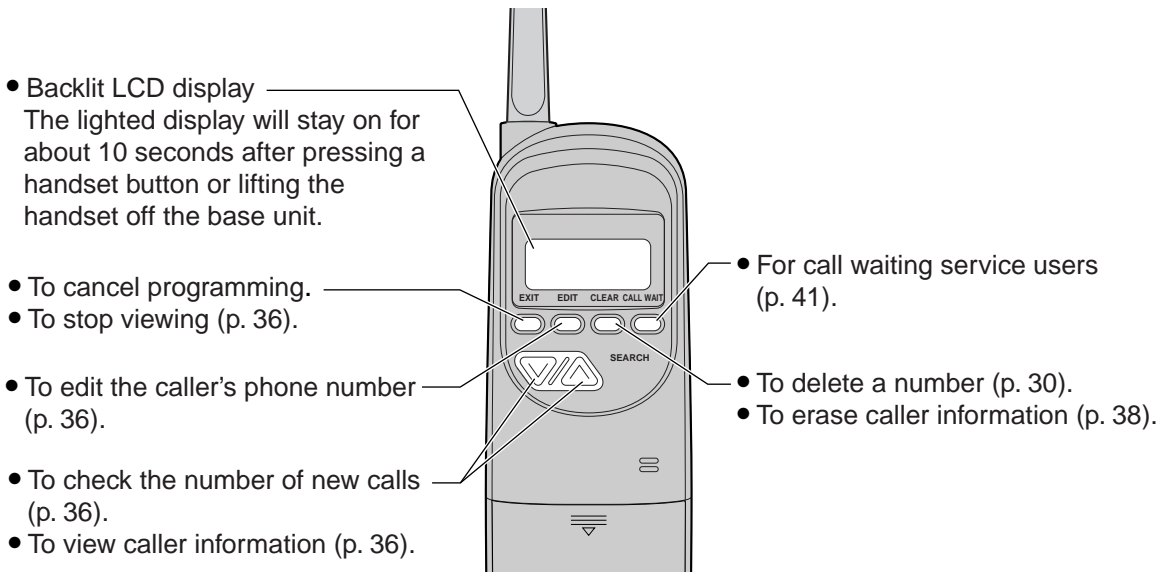
- Move the cursor to the number you want to delete and press **STOP**.

## Location

### Front



### Back



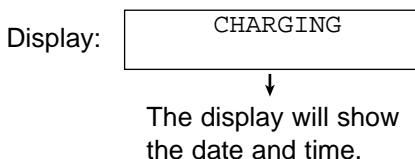
# Setup (Handset)

## Battery charge

Place the handset on the cradle of the base unit for about **4 hours** before initial use.

Slowly place the handset on the cradle vertically (①), then lean it back (②).

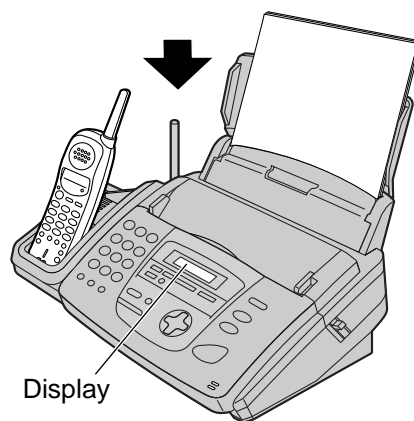
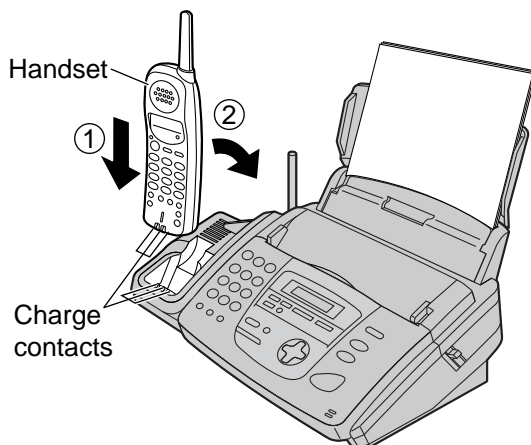
- A beep will sound, and the following will be displayed for an instant time on the base unit.



- If the base unit is in use, a beep may not sound and the above display may not be shown.

### Note:

- Clean the handset and the base unit charge contacts with a dry cloth once a month, or the battery may not charge properly.
- The battery cannot be overcharged.



## Battery strength

You can check the battery strength on the handset display while the handset is in use, or for about 5 seconds after using the handset.

Handset display	Battery strength
{■■■■}	Fully charged
{■■■}	Medium
{■■}	Low
{■■} (flashing)	Needs to be recharged.

## Battery life

If your Panasonic battery is fully charged;

- the battery life will last up to 8 hours while in use (in conversation).
- it will last for up to about 21 days while not in use (off the base unit).
- Battery life may vary depending on usage conditions and ambient temperature.

## Recharge

Recharge the battery when:

- the handset beeps intermittently while it is in use, or
- the following message is shown or “{■■}” flashes on the handset display.



- Recharge the handset battery for more than 15 minutes, or the display will continue showing the above indication.

## Automatic security code setting

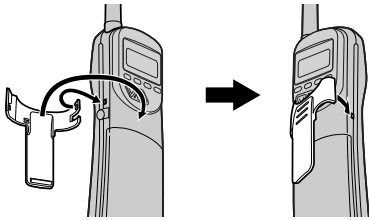
Whenever you place the handset on the base unit, the unit will automatically select one of a million security codes. These codes help to avoid unauthorized use of your telephone line by another cordless telephone.

# Setup (Handset) / Volumes

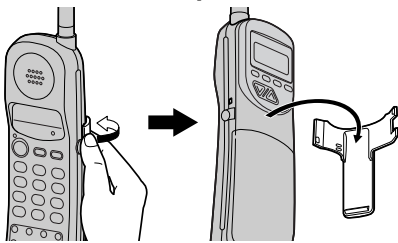
## Belt clip and headset

### Belt clip

#### ■ To install the belt clip



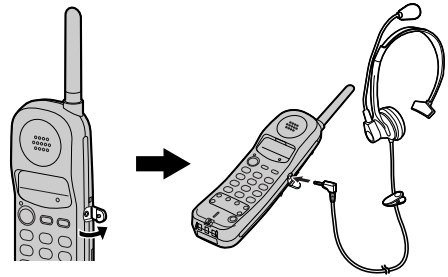
#### ■ To remove the belt clip



### Headset (optional)

Plugging the headset into the handset allows a hands-free telephone conversation. For best results, use the Panasonic headset Model No. KX-TCA87. See page 8 for accessory information.

#### ■ To connect the headset



## Adjusting handset volumes

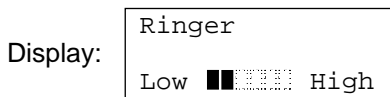
### Ringer volume

3 levels (high/low/off) are available.

**Make sure the TALK indicator is off.**

Press **LOUD/RINGER**.

- The current ringer will sound.
- To change the volume, press **LOUD/RINGER** again within 5 seconds.



#### ■ To turn the ringer off:

Press and hold **LOUD/RINGER** until you hear 2 beeps.

Ringer off
------------

- To turn the ringer back on, press **LOUD/RINGER**.

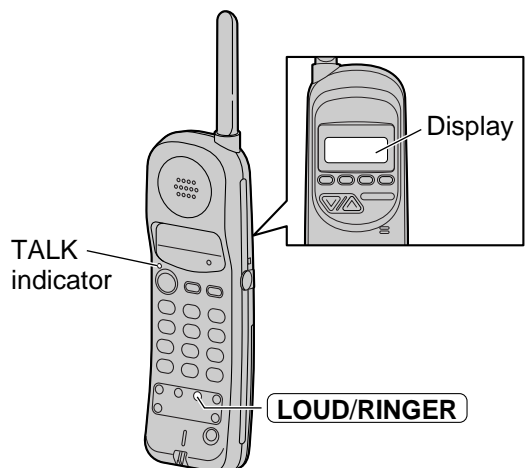
#### ■ While the ringer volume is set to off:

When receiving a call, the handset will not ring, and the TALK indicator will flash.

### Handset receiver volume

3 levels (high/middle/low) are available.

**While talking, press **LOUD/RINGER**.**



# Volumes

## Adjusting base unit volumes

### Ringer volume

4 levels (high/middle/low/off) are available.

**While the unit is idle**, press **+** or **-**.

- If any documents are in the document entrance, you cannot adjust the ringer volume. Confirm that there are no documents in the entrance.

#### ■ To turn the ringer off:

1. Press **-** repeatedly until the following is displayed.

Display: 

RINGER OFF= OK? YES: SET/NO: STOP
--------------------------------------

2. Press **SET**.

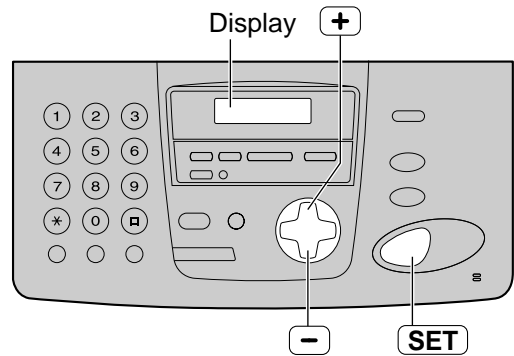
RINGER OFF
------------

- To turn the ringer back on, press **+**.

#### ■ While the ringer volume is set to off:

When a call is received, the unit will not ring and will display the following.

INCOMING CALL
---------------



### Ringer pattern

- You can select one of the three ringer patterns. Change the setting (feature #17 on page 81). The ringer pattern you selected will sound when the unit receives a call.

### Speaker volume

8 levels (high to low) are available.

**While using the speakerphone**, press **+** or **-**.

### Fax voice guidance volume

9 levels (high to off) are available.

**While listening to the fax voice guidance**, press **+** or **-**.

### Answering device volume

9 levels (high to off) are available.

**While listening to the recorded messages**, press **+** or **-**.



# Making and Answering Calls

## Phone calls - making

### With the handset

#### 1 Handset is off the base unit:

Press **TALK**.

#### Handset is on the base unit:

Lift the handset and press **TALK**.

- The TALK indicator will light.

#### 2 Dial the telephone number.

Example:

Talk 1112222
-----------------

CH10

Channel number

- If noise interferes with the conversation, press **CH** to select a clear channel or move closer to the base unit.

#### 3 When finished talking, press **TALK** or place the handset on the base unit.

- The TALK indicator will turn off.



#### Note:

- If short beeps sound when you press **TALK**;
  - move towards the base unit, or
  - place the handset on the base unit.Then try again.
- If **TALK** is pressed while using the base unit, the call will be switched to the handset and the base unit is disconnected.

### With the base unit

#### 1 Press **DIGITAL SP-PHONE**.

Display:

TEL= PRESS NAVI. [ ▶ ]
---------------------------

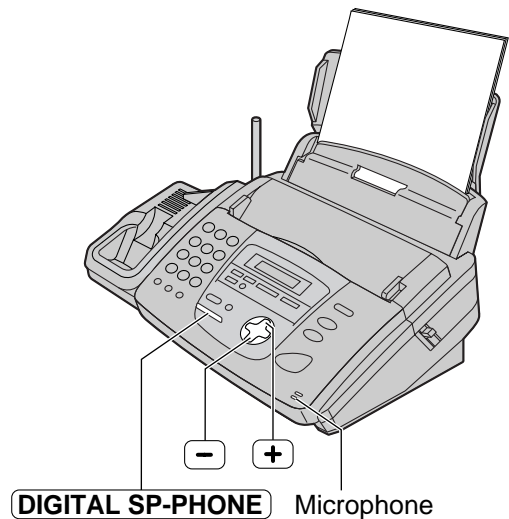
#### 2 Dial the telephone number.

Example:

TEL=2345678
-------------

#### 3 When the other party answers, talk into the microphone.

#### 4 When finished talking, press **DIGITAL SP-PHONE**.



#### Speakerphone operation

- Use the speakerphone in a quiet room.
- Adjust the speakerphone volume using **+** or **-**.

# Making and Answering Calls

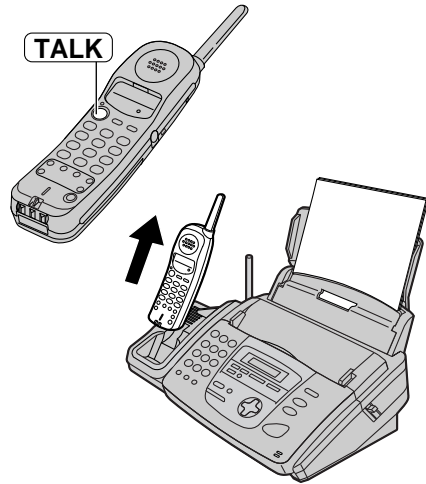
## Phone calls - answering

### With the handset

- 1 Handset is off the base unit:**  
Press **TALK** when the handset rings.
  - You can also answer a call by pressing any dial key 0 to 9, \*, or #.  
**(Any key talk feature)**

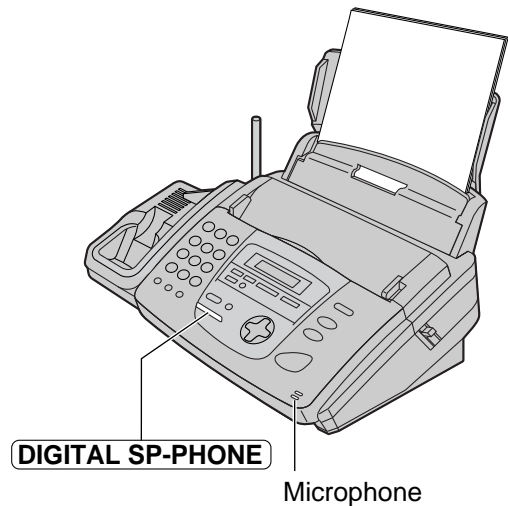
**Handset is on the base unit:**  
Lift the handset when the base unit rings.

- 2** When finished talking, press **TALK** or place the handset on the base unit.



### With the base unit

- 1** When the base unit rings, press **DIGITAL SP-PHONE** and talk into the microphone.
- 2** When finished talking, press **DIGITAL SP-PHONE**.



## Intercom calls

### Paging the base unit from the handset

- 1 Handset:**  
Press **INTERCOM**.
- The INTERCOM indicator will flash and the base unit will ring. Then the INTERCOM indicator will light, and you can talk with the base unit user.

Handset display:  
(Example)

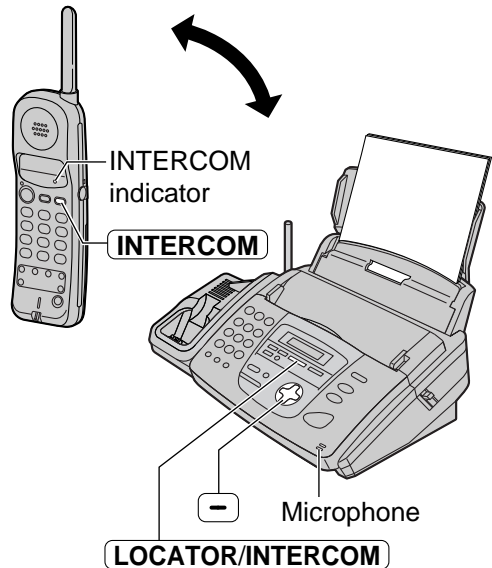
Intercom
00-01-12 [■■■■]
Conversation time

- 2 Base unit:**  
Answer through the microphone.

Base unit display:

INTERCOM CALL
---------------

- 3 Handset:**  
When finished talking, press **INTERCOM**.
- The INTERCOM indicator will turn off.



**Note:**

- If the handset user has difficulty hearing the base unit user, ask the base unit user to decrease the speaker volume by pressing **-**.
- Intercom calls can only be ended using the handset.

### Paging the handset from the base unit

Using this feature, you can locate the handset if it has been misplaced (**Handset locator**).

- 1 Base unit:**  
Press **LOCATOR/INTERCOM**.
- The base unit will page the handset for about 1 minute.

Base unit display:

PAGING
--------

Handset display:

Paging
Press INTERCOM

- To stop paging, press **LOCATOR/INTERCOM** again.

- 2 Handset:**  
Press **INTERCOM** to answer.
- The INTERCOM indicator will light.

Handset display:  
(Example)

Intercom
00-01-12 [■■■■]

- 3 Base unit:**  
Speak into the microphone.

Base unit display:

INTERCOM CALL
---------------

- 4 Handset:**  
When finished talking, press **INTERCOM**.

- The INTERCOM indicator will turn off.

**Note:**

- Intercom calls can only be ended using the handset.

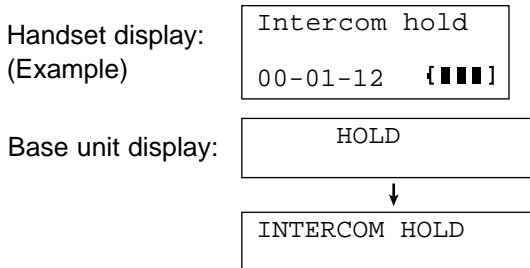
# Making and Answering Calls

## Transferring a call

The intercom can be used during a conversation. This feature enables you to transfer an outside call between the handset and the base unit.

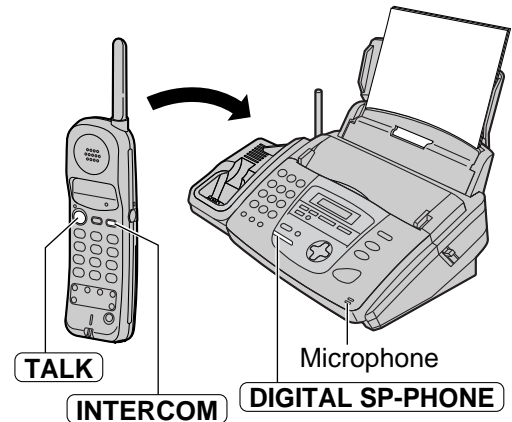
### From the handset to the base unit

- 1 Handset:**  
During an outside call, press **INTERCOM** to page the base unit.
- The handset user can talk with the base unit user.
  - The outside call will be put on hold.



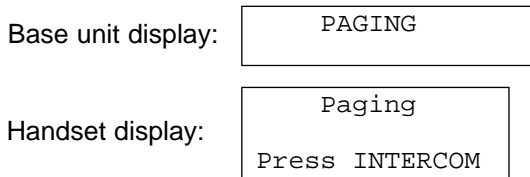
- If there is no answer on the base unit, press **TALK** to return to the outside call.

- 2 Base unit:**  
Talk with the handset user through the microphone.
- 3 Base unit:**  
To answer the outside call, press **DIGITAL SP-PHONE**.

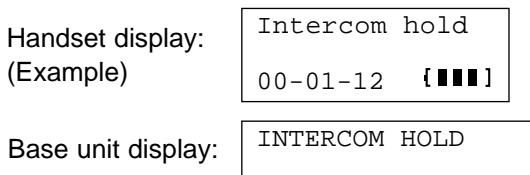


### From the base unit to the handset

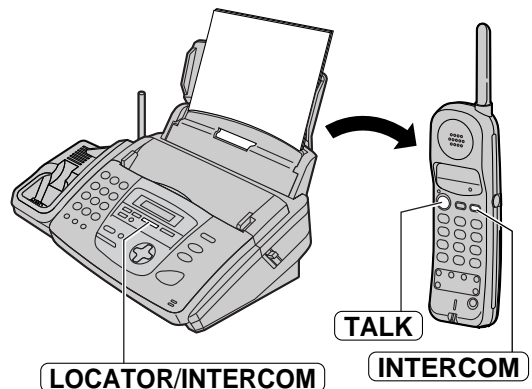
- 1 Base unit:**  
During an outside call, press **LOCATOR/INTERCOM** to page the handset.
- The base unit will start paging the handset for 1 minute.
  - The outside call will be put on hold.



- 2 Handset:**  
Press **INTERCOM** to answer the page.



- 3 Handset:**  
To answer the outside call, press **TALK**.



## Setting the auto talk feature

The auto talk feature allows you to answer a call by lifting the handset off the base unit without pressing **TALK**. This feature is set to on as a default. If you are subscribed to the Caller ID service, and want to view caller's information on the handset display before answering a call, turn this feature off.

**Make sure the TALK indicator is off.**

**1** Press **PROGRAM**.

Display:

```
Save AUTO# ?
v=Next    ^=Yes
```

- The TALK indicator will flash.

**2** Press  repeatedly until the following is displayed.

```
Talk switching?
v=Next    ^=Yes
```

**3** Press .

```
Auto talk
v=On      ^=Off
```

**4** To select "Off":  
Press .

```
Auto talk
Off
```

To select "On":  
Press .

```
Auto talk
On
```

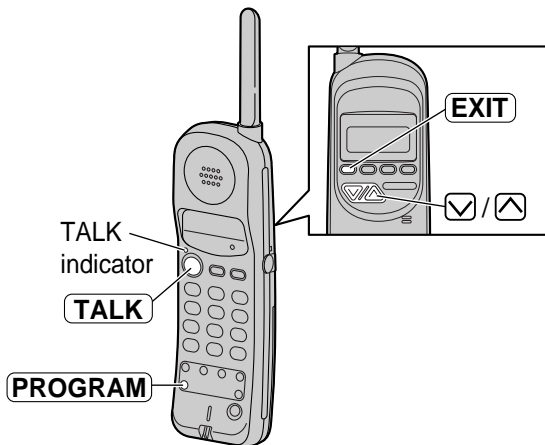
- A long beep will sound.
- The TALK indicator will turn off.

### Note:

- To answer a call when the auto talk feature is off, lift the handset off the base unit, and press **TALK**.

### To cancel during programming

- Press **EXIT** or **PROGRAM**.



# Automatic Dialing (Handset)

## Storing telephone numbers in the handset

You can store up to 10 telephone numbers in the handset. The dial keys (0 to 9) function as memory stations. **Make sure the TALK indicator is off.**

**1** Press **PROGRAM**.

Display: Save AUTO# ?  
v=Next    ^=Yes

- The TALK indicator will flash.

**2** Press **^**.

Enter phone no.

**3** Enter the telephone number up to 22 digits.

Example: 3334444  
AUTO=Save

- If you make a mistake, press **CLEAR**.  
Digits are erased from the right.

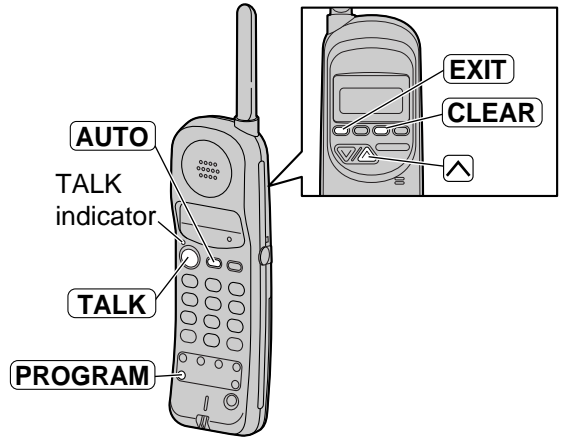
**4** Press **AUTO**.

Select 0-9  
to save in AUTO

**5** Press a memory station number (0 to 9).

Example: 3334444  
Save in AUTO 1

- A long beep will sound.
- The TALK indicator will turn off.



### To cancel during programming

- Press **EXIT** or **PROGRAM**.

### To change a stored number

- Follow from step 1 and enter a new number.

### To erase a stored number

1. Press **PROGRAM**.
2. Press **^**.
3. Press **CLEAR**.

Display: AUTO=Clear

4. Press **AUTO**.
5. Press the memory station number (0 to 9) you want to erase.
  - A beep will sound, and erasing will be completed.

## Making a phone call with the handset using stored numbers

**1** Press **TALK**.

- The TALK indicator will light.

**2** Press **AUTO**.

**3** Press the desired memory station number (0 to 9).

- The stored telephone number will be dialed.

# Navigator Directory (Base Unit)

## Storing names and telephone numbers in the directory

For rapid access to frequently dialed numbers, the unit provides the navigator directory (50 items).

For your convenience, the following item has been pre-programmed.

**HELP-FAX (1-800-435-7329):** If you cannot correct a problem after trying the help function (p. 9), call using this item (p. 34).

- If you do not need the above item, you can erase it (p. 33).

- 1** Press **MENU** until the following is displayed.

Display: 

DIRECTORY SET NAVI.=* BROAD=#
----------------------------------

- 2** Press **\*** to select "NAVI."

NAME= STORE:PRESS SET
--------------------------

- 3** Enter the name, up to 10 characters (see page 19 for instructions).

Example: 

NAME=Alice STORE:PRESS SET
-------------------------------

- 4** Press **SET**.

NO.=
------

- 5** Enter the telephone number, up to 30 digits, using the dial keypad.

Example: 

NO.=5552233
-------------

- If you want to enter a hyphen, press **FLASH/CALL WAIT**.

- 6** Press **SET**.

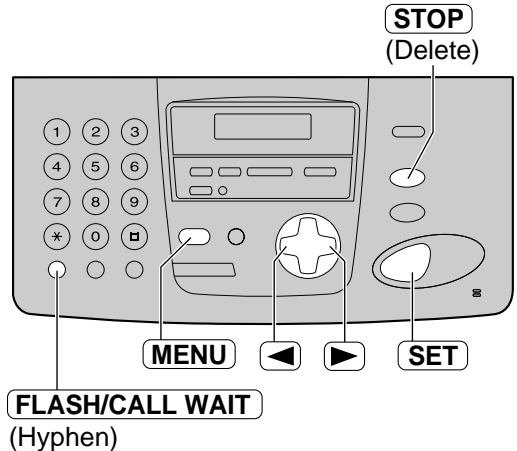
REGISTERED
------------

↓  

NAME= STORE:PRESS SET
--------------------------

- To program other items, repeat steps 3 to 6.

- 7** Press **MENU** to exit the program.



### Helpful hint:

- You can confirm the stored items on the telephone number list (p. 104).

### Note:

- When the following is displayed in step 6, you can store only 5 more items.

Display: 

REGISTERED SPACE= 5 DIRS.
------------------------------

- If there is no space to store new items, the following is displayed in step 6.

REGISTERED DIRECTORY FULL
------------------------------

Press **STOP** to exit the program.

To store new items, erase unnecessary items (p. 33).

- A hyphen or a space entered in a telephone number counts as two digits.

### To correct a mistake

- Press **◀** or **▶** to move the cursor to the incorrect character/number, and make the correction.

### To delete a character/number

- Move the cursor to the character/number you want to delete, and press **STOP**.

# Navigator Directory (Base Unit)

## Editing and erasing a stored item

### Editing a stored item

**1** Press **[▶]**.

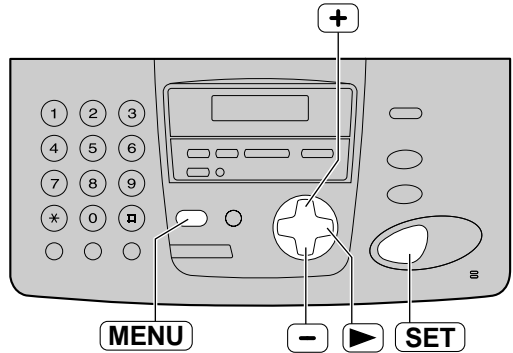
Display: 

DIRECTORY [+ -] <MAILBOX>▶
-------------------------------

**2** Press **[+]** or **[-]** until the desired item is displayed.

Example: 

Mary 0123456
↑↓
Mary EDIT:PRESS MENU



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

Example: 

NAME=Mary EDIT=* DELETE=#
------------------------------

**4** Press **[\*]** to select "EDIT".

Example: 

NAME=Mary STORE:PRESS SET
------------------------------

- If you do not need to edit the name, skip to step 6.

**5** Edit the name (see page 19 for instructions).

**6** Press **[SET]**.

Example: 

NO.=0123456
-------------

- If you do not need to edit the telephone number, skip to step 8.

**7** Edit the telephone number. For further details, see page 31.

**8** Press **[SET]**.

REGISTERED
------------



# Navigator Directory (Base Unit)

## Erasing a stored item

1 Press **▶**.

Display: 

DIRECTORY [+ -] <MAILBOX>▶
-------------------------------

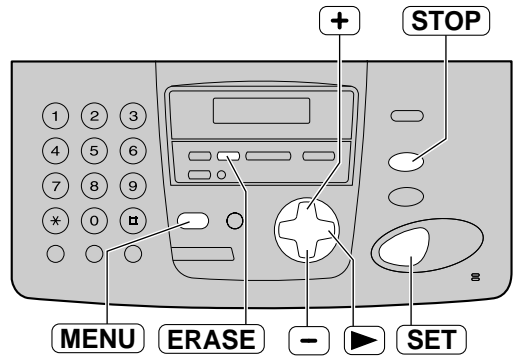
2 Press **+** or **-** until the desired item is displayed.

Example: 

Peter 9876543
------------------

  
↓  

Peter EDIT:PRESS MENU
--------------------------



3 Press **MENU**.

Example: 

NAME=Peter EDIT=* DELETE=#
-------------------------------

4 Press **#** to select "DELETE".

DELETE OK? YES:SET/NO:STOP
-------------------------------

- To cancel erasing, press **STOP**.

5 Press **SET**.

DELETED
---------

- The stored name and number are deleted.

### Note:

- You can use the following method to erase.
  1. Press **▶**.
  2. Press **+** or **-** until the desired item is displayed.
  3. Press **ERASE**.
  4. Press **SET**.

# Navigator Directory (Base Unit)

## Making a phone call using the directory

Before using this feature, program the desired names and telephone numbers into the directory (p. 31).

1 Press **▶**.

Display: 

DIRECTORY [+ -] <MAILBOX>▶
-------------------------------

2 Press **+** or **-** until the desired item is displayed.

Example: 

Lisa 2233445
↕
Lisa EDIT:PRESS MENU

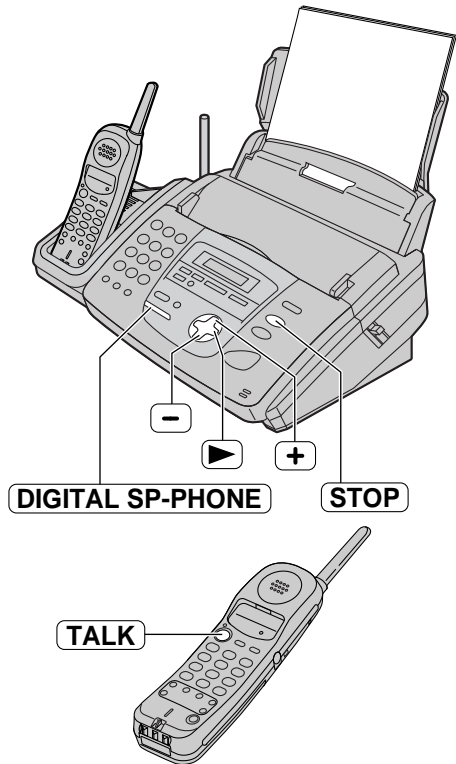
- If the desired name has not been stored, press **STOP** and dial the number manually.

3 **Handset is off the base unit:**  
Press **TALK** on the handset.

**Handset is on the base unit:**

Press **DIGITAL SP-PHONE** or lift the handset.

- The unit will start dialing automatically.



### To search for a name by initial

Example: "Lisa"

1. Press **▶**.

Display: 

DIRECTORY [+ -] <MAILBOX>▶
-------------------------------

2. Press **+** or **-** until any name is displayed.

Example: 

Alan 7891011
↕
Alan EDIT:PRESS MENU

3. Press **5** repeatedly until any name with the initial "L" is displayed (see the character table on page 19).

Example: 

Larry 12131415
-------------------

- To search for symbols (not letters or numbers), press **\***.

4. Press **+** until "Lisa" is displayed.

Example: 

Lisa 2233445
-----------------

- To stop the search, press **STOP**.
- To make a call:
  - press **TALK** on the handset,
  - press **DIGITAL SP-PHONE**, or
  - lift the handset from the base unit.

## Caller ID service from your phone company

This unit is compatible with the Caller ID service offered by your local telephone company. To use this feature, you must subscribe to the Caller ID service.

Change the following ring settings to 2 or more rings beforehand.

- TAD ring setting and FAX ring setting (feature #06 on page 80)
- TEL/FAX ring setting (feature #78 on page 87)

### How Caller ID is displayed

The calling party's name or telephone number will be displayed after the first ring. You then have the option of whether or not to answer the call depending on the caller.

Base unit display:  
(Example)

Chris Horner  
1-654-987-3210

Handset display:  
(Example)

Chris Horner  
1-654-987-3210

The unit will automatically store the caller information (name, telephone number and the time of the call). You can view the caller information (p. 36, 37) and print the caller ID list (p. 104).

#### Note:

- If the unit is connected to a PBX (Private Branch Exchange) system, you may not receive the caller information. Consult your PBX supplier.
- If the unit cannot receive caller information, the following will be displayed.

Base unit display

OUT OF AREA

Handset display

Out of area

The caller dialed from an area which does not provide Caller ID service.

PRIVATE CALLER

Private caller

The caller requested not to send caller information.

LONG DISTANCE

Long distance

The caller made a long distance call.

#### To confirm caller information using the Caller ID list

The unit will store the 30 most recent caller information.

- To print manually, see page 104.
- To print automatically after every 30 new calls, activate feature #26 (p. 82).

## Viewing and calling back using caller information

You can easily view caller information and call back.

### Important:

- Calling back will not be possible in the following cases.
  - The telephone number includes data other than numbers (i.e. \* or #).
  - The caller information does not include a telephone number.

## Using the handset

### 1 Handset is off the base unit:

Press  or .

### Handset is on the base unit:

Lift the handset.

Example: 

2 new calls
v=New    ^=Old

  
(2 new calls are received)

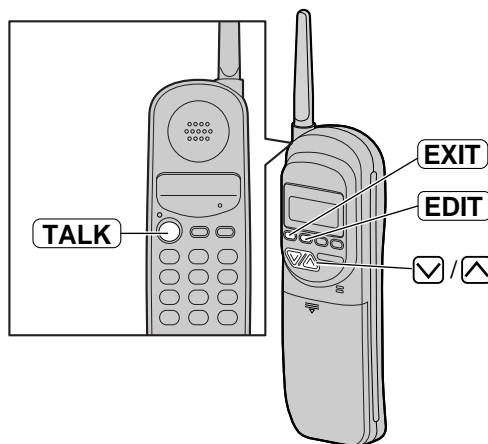
- ### 2
- Press  to show the most recent caller information.  
Press  to show the calls which have already been viewed.

Example: 

KEVIN PARKER
333-4444
11:50A JUN10 <input checked="" type="checkbox"/>

  
This means this call has already been viewed or answered.

- ### 3
- Press **TALK** to call back the displayed party.
  - The unit will start dialing automatically.



### To edit the telephone number for calling back

Press **EDIT** repeatedly after step 2.

Each time you press **EDIT**, the telephone number will change as follows.

- 1 -  -  -  ("1" added)
2.  (area code omitted)
3.  -
4. 1 -  ("1" added and area code omitted)

### Display while viewing

No caller data

When no calls have been received.

### To stop viewing

Press **EXIT** after step 2.

## Using the base unit

**1** Press **CALLER ID** .

Example: 

2 NEW CALLS PRESS NAVI. [+ -]
----------------------------------

  
(2 new calls are received)

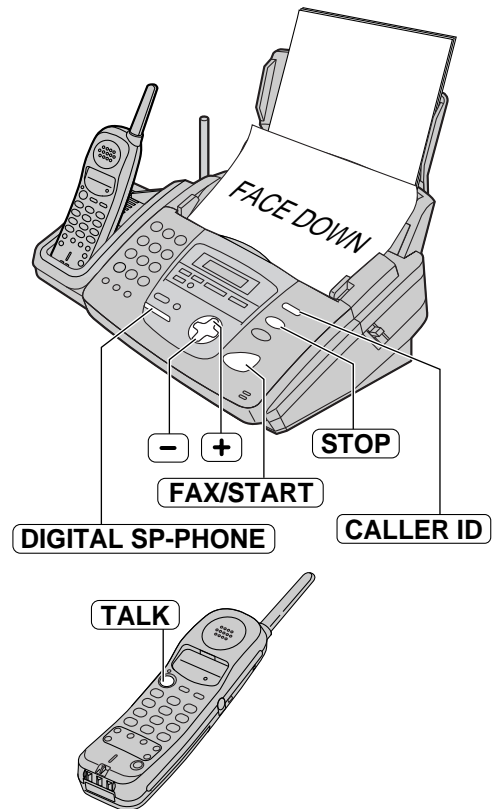
**2** Press **+** to show the most recent caller's name.  
Press **-** to show the calls which have already been viewed.

**3 Handset is off the base unit:**  
Press **TALK** on the handset to call back the displayed party.

### Handset is on the base unit:

Press **DIGITAL SP-PHONE** or lift the handset.

- The unit will start dialing automatically.
- To send a fax – insert the document **FACE DOWN** and press **FAX/START** .



## To display the caller's telephone number

Press **CALLER ID** after step 2.

Example: 

WENDY ROBERTS 11:20A Jul20 ✓	↔	1-345-678-9012 11:20A Jul20 ✓
---------------------------------	---	----------------------------------

 This means this call has already been viewed or answered.

## To edit the telephone number for calling back

Press **\*** repeatedly after step 2.

Each time you press **\***, the telephone number will be changed as follows.

1. **1** – **Area code** – **Local telephone number** ("1" added)
2. **Local telephone number** (area code omitted)
3. **Area code** – **Local telephone number**
4. **1** – **Local telephone number** ("1" added and area code omitted)

## Display while viewing

NO NAME RCVD
--------------

 When the unit could not receive a name.

NO CALLER DATA
----------------

 When no calls have been received.

## To stop viewing

Press **STOP** after step 2.

## Erasing caller information

You can erase all or specific caller information. Once erased, it cannot be accessed from neither the handset or the base unit.

### Erasing all caller information using the handset

#### 1 Handset is off the base unit:

Press  or .

#### Handset is on the base unit:

Lift the handset.

Example: 

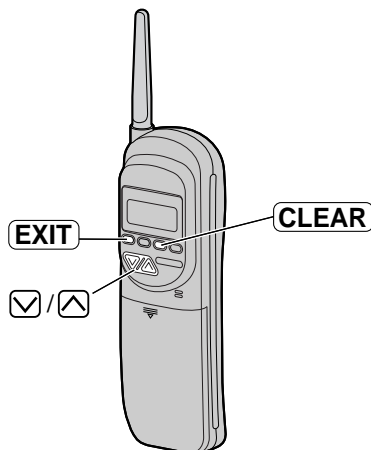
0 new call
√=New      ^=Old

#### 2 Press .

Press CLEAR for all clear

#### 3 Press again.

All clear



### Erasing specific caller information using the handset

#### 1 Handset is off the base unit:

Press  or .

#### Handset is on the base unit:

Lift the handset.

Example: 

3 new calls
√=New      ^=Old

#### 2 Press or repeatedly until the desired item is displayed.

Example: 

CINDY TURNER
1-234-456-7890
11:20A JAN12

#### 3 Press .

Clear



Example: 

TOM REAGAN
444-5555
12:20A JAN12

- To erase other items, repeat steps 2 and 3.

#### 4 Press to exit the program.

## Erasing all caller information using the base unit

- 1 Press **MENU** until the following is displayed.

Display: CALLER SET UP  
PRESS SET

- 2 Press **SET**.

CALL LIST ERASE  
PRESS SET

- 3 Press **SET**.

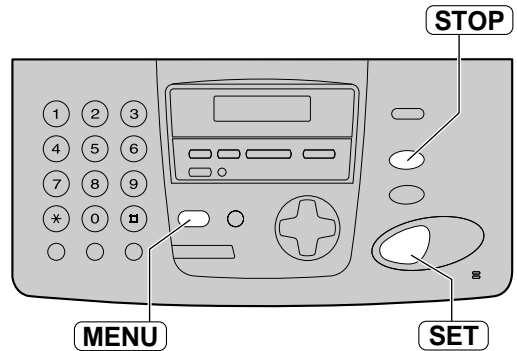
ALL ERASE OK?  
YES:SET/NO:STOP

- To cancel erasing, press **STOP**, then **MENU**.

- 4 Press **SET**.

ERASE COMPLETED

- 5 Press **STOP** to exit the program.



## Erasing specific caller information using the base unit

- 1 Press **CALLER ID**.

Example: 2 NEW CALLS  
PRESS NAVI.[+ -]

- 2 Press **+** or **-** until the desired item is displayed.

Example: WENDY ROBERTS  
12:10A Jul20

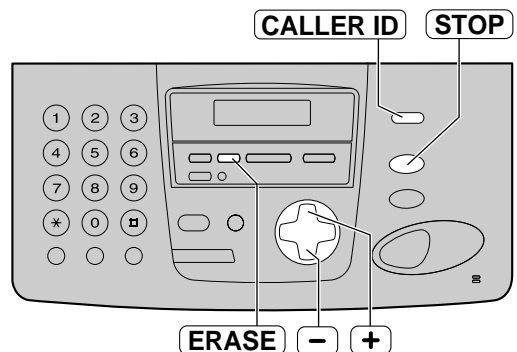
- 3 Press **ERASE**.

DELETED

Example: ALLAN STONE  
12:12A Jul20

- To erase other items, repeat steps 2 and 3.

- 4 Press **STOP** to exit the program.



## Storing caller information

### Important:

- This feature is not available in the following cases.
  - The telephone number includes data other than numbers (i.e. \* or #).
  - The caller information does not include a telephone number.

### In the handset

#### 1 Handset is off the base unit:

Press  or .

#### Handset is on the base unit:

Lift the handset.

Example: 

3 new calls
∇=New      ∧=Old

#### 2 Press or until the desired item you want to store is displayed.

Example: 

CINDY TURNER
1-234-456-7890
11:20A JAN12

#### 3 Press **AUTO**.

Display: 

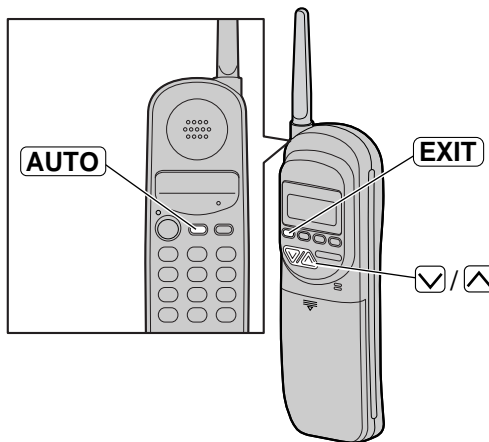
Save in AUTO
Select 0-9

#### 4 Press a memory station number (0 to 9).

Example: 

12344567890
Save in AUTO 0

#### 5 Press **EXIT** to exit the program.



### In the directory of the base unit

#### 1 Press **CALLER ID**.

Example: 

2 NEW CALLS
PRESS NAVI. [+ -]

#### 2 Press **+** or **-** until the item you want to store is displayed.

Example: 

WENDY
11:50A Apr14

#### 3 Press **MENU**.

Example: 

NAME=WENDY
STORE:PRESS SET

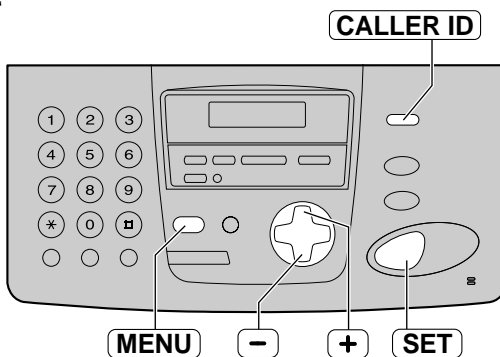
#### 4 Press **SET**.

Example: 

NO.=13456789012
-----------------

#### 5 Press **SET**.

REGISTERED
------------



### Note:

- You can confirm the stored items on the telephone number list (p. 104).
- The unit can only store a name of up to 10 characters long.
- To edit a name and number, see page 32.



## Visual Call Waiting (Call Waiting ID) Service

If you hear a call-waiting tone during a conversation, the display will show the second caller's information.

Handset display:  
(Example)

NANCY BROWN  
1-000-222-3333  
----Waiting----

Base unit display:  
(Example)

NANCY BROWN  
1-000-222-3333

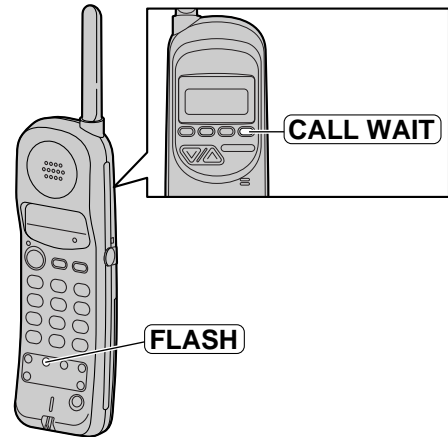
### Handset:

Press **FLASH** / **CALL WAIT** to answer the second call.

### Base unit:

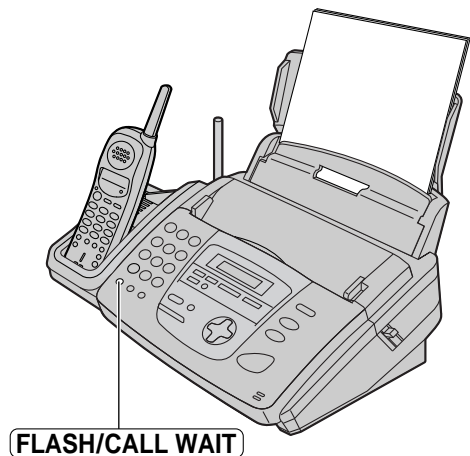
Press **FLASH/CALL WAIT** to answer the second call.

- The first call is put on hold and you can answer the second call.
- To return to the first caller, press **FLASH/CALL WAIT** or **FLASH** / **CALL WAIT** again.



### Note:

- The second caller's information will not be displayed when:
  - the answering system is recording an incoming message,
  - an extension telephone on the same line is in use, or
  - you are sending or receiving a fax document.
- Please contact your telephone company for details and availability of this service in your area.



# Voice Contact

## Talking to the other party after fax transmission or reception

You can talk to the other party after a fax message is completed. This will save the added expense and time of making another call.

**This feature only works when the other party's fax machine is equipped with a voice contact feature.**

### Initiating voice contact

- 1 Press **DIGITAL SP-PHONE** while transmitting or receiving documents.

Example:

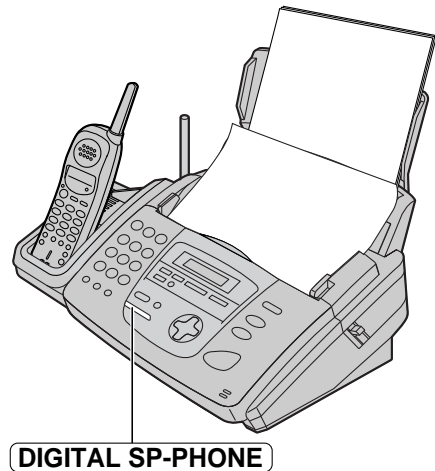
SENDING P 1
VOICE STANDBY

- Your unit will call the other party with a distinctive ring.
- When the other party answers, your unit will emit a distinctive ring.

- 2 To start talking:
  - press **DIGITAL SP-PHONE**,
  - lift the handset from the base unit, or
  - press **TALK** on the handset.

#### Note:

- If you initiate voice contact during transmission, the unit will call you with a distinctive ring after all of the documents have been transmitted.
- If you initiate voice contact during reception, the unit will call you with a distinctive ring after the current page of the document is received.



### Receiving a request for voice contact

- 1 If the other party initiates voice contact, your unit will sound a distinctive ring and the following will be displayed.

Base unit display:

PLEASE PICK UP
----------------

- 2 To start talking:
  - press **DIGITAL SP-PHONE**,
  - lift the handset from the base unit, or
  - press **TALK** on the handset, within 10 seconds of the distinctive ring.

#### Note:

- If you do not answer within 10 seconds of the distinctive ring;
  - in TAD/FAX mode, your unit will play a greeting message and record an incoming voice message.
  - in FAX ONLY, TEL or TEL/FAX mode, the line will be disconnected.

## Sending a fax manually

**1** Adjust the width of the document guides to the size of the document.

**2** Insert the document (up to 10 pages) **FACE DOWN** until a single beep is heard and the unit grabs the document.

Display: STANDARD  
PRESS NAVI. [+ -]

**3** If necessary, press **+** or **-** repeatedly to select the desired resolution (see below).

**4** Press **DIGITAL SP-PHONE**.

TEL=  
PRESS NAVI. [▶]

**5** Dial the fax number.

Example: TEL=5678901

**6** When a fax tone is heard:

Press **FAX/START**.  
OR

**When the other party answers your call:**

Ask them to press their start button. When the fax tone is heard, press **FAX/START**.

CONNECTING.....  
STANDARD [±]

### To redial the last number

Press **REDIAL/PAUSE**.

- If the line is busy, the unit will automatically redial the number up to 2 times.
- During redial, the following will be displayed.

Display: WAITING REDIAL

- To cancel redialing, press **STOP**.

### Convenient way to send a fax

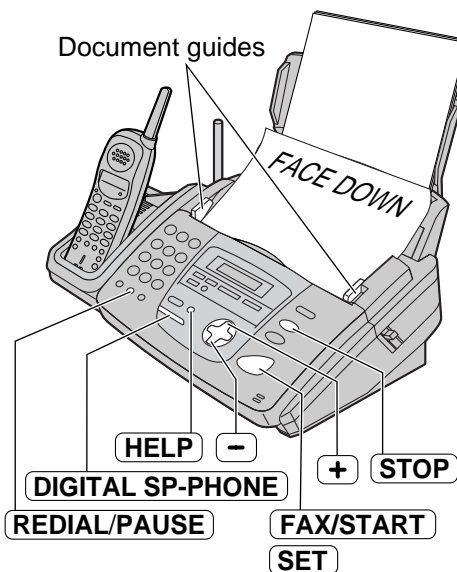
You can dial the fax number first before inserting the document. This is convenient if the other party's number is indicated on the document.

1. Enter the fax number.
2. Insert the document.
3. Press **FAX/START**.

### Sending a fax with the voice guide

You can send documents by following the voice guide.

1. Press **HELP** 2 times.
  2. Press **SET**.
  3. Follow steps 1 to 6 above.
- After transmission, the voice guide will turn off automatically.



### To select the resolution

Select the desired resolution according to the type of document.

- **STANDARD:** For printed or typewritten originals with normal-sized characters.
- **FINE:** For originals with small printing.
- **SUPER FINE:** For originals with very small printing. This setting only works with other compatible fax machines.
- **PHOTO:** For originals containing photographs, shaded drawings, etc.
- Using the "FINE", "SUPER FINE", or "PHOTO" setting will increase transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.

### Quick scan feature

With this feature, the unit will scan the document into memory before sending. This is helpful when you want to remove the document for other uses. To use this feature, activate feature #34 on page 83 and make a fax transmission. After storing, the unit will transmit the document.

- If the document exceeds the memory capacity (p. 108), sending will be canceled and this feature will be turned off automatically. Transmit the entire document manually.

### To stop transmission

Press **STOP**.

# Sending Faxes

## Reports for confirmation

### Sending report

This report will provide you with a printed record of transmission results. To use this feature, activate feature #04 (p. 80). For the communication message in the result column, see page 88.

### Journal report

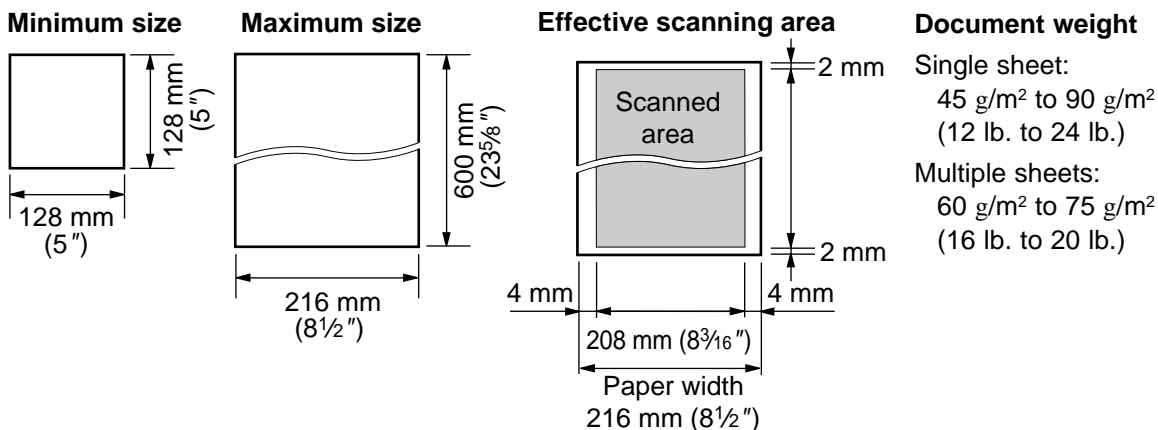
The unit stores the 30 most recent fax communication results.

— To print manually, see page 104.

— To print automatically after every 30 new fax communications, activate feature #22 (p. 82).

For the communication message in the result column, see page 88.

## Documents you can send



### Note:

- Remove clips, staples or other similar fasteners.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents. Use copies for fax transmission.
  - Chemically treated paper such as carbon or carbonless duplicating paper
  - Paper with printing on the opposite side that can be seen through the front (e.g. newspaper)
  - Electrostatically charged paper
  - Badly curled, creased or torn paper
  - Paper with a coated surface
  - Paper with a faint image
- To transmit the document(s) with a width of less than standard letter size (216 mm), we recommend using a copy machine to copy the original document on to a letter size paper, then transmit the copied document.

### To transmit more than 10 pages at a time

- Insert the first 10 pages of the document. Add the other pages (10 at a time) before the last page is fed into the unit.

## Sending a fax using the directory

Before using this feature, program the desired names and telephone numbers into the directory (p. 31).

- 1 Adjust the width of the document guides to the size of the document.
- 2 Insert the document (up to 10 pages) **FACE DOWN** until a single beep is heard and the unit grabs the document.

Display: STANDARD  
PRESS NAVI. [+ -]

- 3 If necessary, press **+** or **-** repeatedly to select the desired resolution (p. 43).

- 4 Press **▶**.

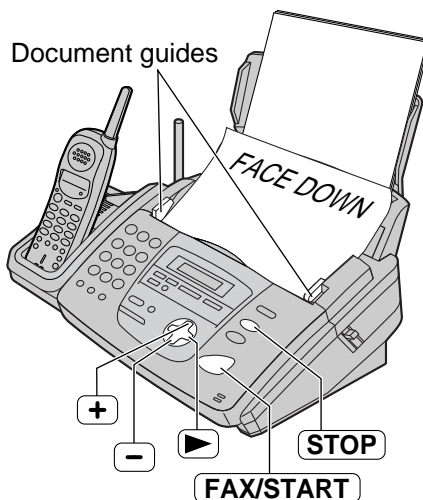
DIRECTORY [+ -]  
<MAILBOX>▶

- 5 Press **+** or **-** to display the desired item.

Example: Sam  
1789653

- For further details about using the directory, see page 34.

- 6 Press **FAX/START**.



### Fax auto redial

If the line is busy or if there is no answer, the unit will automatically redial the number up to 2 times.

- This feature is also available for delayed transmission (feature #25 on page 82).
- During redial, the following will be displayed.

Display: WAITING REDIAL

- To cancel redialing, press **STOP**.

### If your unit does not send a fax

- Confirm the stored telephone number on the display and check that the number dialed is answered by the other party's machine (p. 34).
- The connecting tone will be heard during dialing to tell you the status of the other party's machine (feature #76 on page 87).

# Sending Faxes

## Broadcast transmission

This feature is useful for sending the same document to selected parties (up to 20 items). First program the items, then see page 49 for transmission.

- To send to selected parties only once, see page 49.

### Programming the items in the broadcast memory

- 1** Press **MENU** until the following is displayed.

Display: 

DIRECTORY SET NAVI. =* BROAD=#
-----------------------------------

- 2** Press **▣** to select "BROAD".

DIR=	[00]
NAVI. [+ -] & SET	

- 3** Press **+** or **-** until the desired item is displayed.

Example: 

MIKE 1-987-654-3210
------------------------

- 4** Press **SET**.

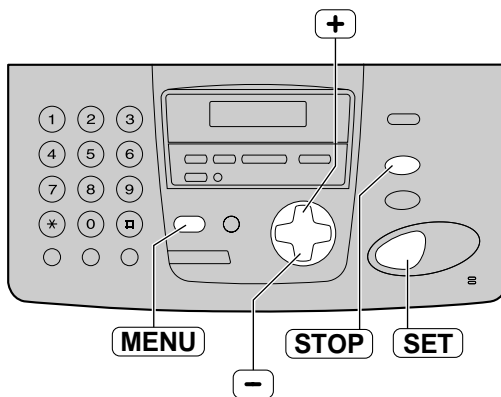
Example: 

DIR=MIKE	[01]
STORE:PRESS SET	

- To program other items, repeat steps 3 and 4 (up to 20 items).

- 5** Press **SET** to exit the program.

REGISTERED
------------



#### Note:

- If you enter the wrong item, press **STOP** after step 4 to erase the item.
- Confirm the stored items by printing a broadcast programming list (p. 104).

## Adding a new item in the broadcast memory

- 1** Press **[▶]**.  
• Confirm that there are no documents in the document entrance.

Display: 

DIRECTORY [+ -] <MAILBOX>▶
-------------------------------

- 2** Press **[+]** or **[-]** until the following is displayed.

<BROADCAST> EDIT:PRESS MENU
--------------------------------

- 3** Press **[MENU]**.

BROADCAST ADD=* DELETE=#
-----------------------------

- 4** Press **[\*]** to select "ADD".

- 5** Press **[+]** or **[-]** until the desired item you want to add is displayed.

Example: 

Mary 1-584-372-4123
------------------------

- 6** Press **[SET]**.

REGISTERED
------------

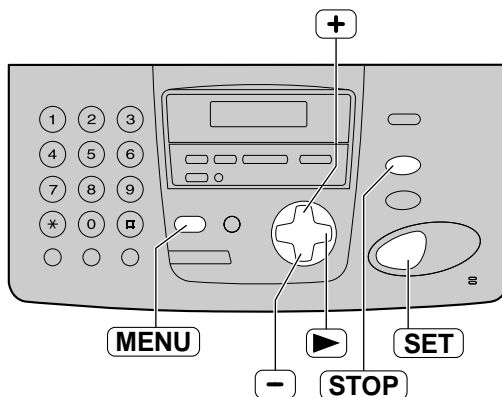


Example: 

Nikki 1-385-217-9365
-------------------------

- To add other items, repeat steps 5 and 6 (up to 20 items).

- 7** Press **[STOP]** to exit the program.



# Sending Faxes

## Erasing a stored item in the broadcast memory

- 1** Press **[▶]**.
- Confirm that there are no documents in the document entrance.

Display: 

DIRECTORY [+ -]
<MAILBOX>▶

- 2** Press **[+]** or **[-]** until the following is displayed.

<BROADCAST>
EDIT:PRESS MENU

- 3** Press **[MENU]**.

BROADCAST
ADD=* DELETE=#

- 4** Press **[#]** to select "DELETE".

- 5** Press **[+]** or **[-]** until the desired item you want to erase is displayed.

Example: 

Dick
1-328-143-2968

- To cancel erasing, press **[STOP]**.

- 6** Press **[SET]**.

DELETE OK?
YES:SET/NO:STOP

- 7** Press **[SET]**.

DELETED
---------

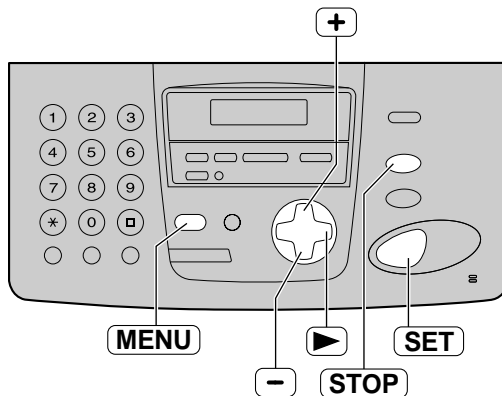


Example: 

Bob
0123456

- To delete other items, repeat steps 5 to 7.

- 8** Press **[STOP]** to exit the program.





## Sending the same document to pre-programmed parties

**1** Insert the document **FACE DOWN**.  
 ● If necessary, press **+** or **-** repeatedly to select the desired resolution (p. 43).

**2** Press **▶**.

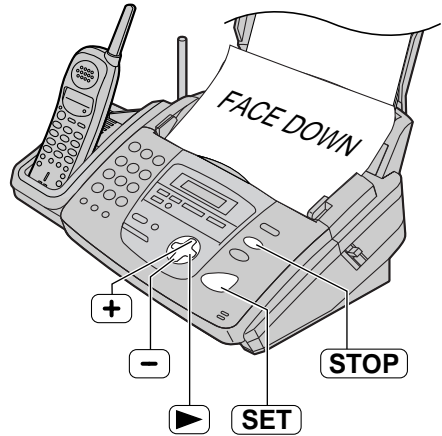
Display: DIRECTORY [+ -]  
<MAILBOX>▶

**3** Press **+** or **-** until the following is displayed.

<BROADCAST>  
SEND:PRESS SET

**4** Press **SET**.

- The document will be fed into the unit and scanned into memory. The unit will then transmit the data to each item, calling each number sequentially.
- After transmission, the stored document will be erased automatically, and the unit will automatically print a broadcast sending report.



**Note:**

- If you select the "FINE", "SUPER FINE" or "PHOTO" resolution, the number of pages that the unit can transmit will decrease.
- If the document exceeds the memory capacity (p. 108), sending will be canceled.
- If one of the items is busy or does not answer, the item will be skipped. All skipped items will be redialed up to 2 times after all of the other items have been called.

### To send to selected parties only once

You can also select the parties for each transmission.

1. Follow steps 1 and 2 above.
2. Press **+** or **-** until the following is displayed.

Display: <ONE TIME BROAD>  
PRESS SET

**3.** Press **SET** to start programming the items you want to transmit.

DIR= [00]  
NAVI.[+ -] & SET

**4.** Press **+** or **-** until the desired item you want to transmit is displayed.

Example: Bill  
6543210

**5.** Press **SET**.

Example: DIR=Bill [01]  
SEND:PRESS SET

- To program other items, repeat steps 4 and 5 (up to 20 items).
- 6.** Press **SET** to start transmission to the programmed items.

### To cancel the broadcast setting

**1.** Press **STOP** while the unit displays the following.

Display: BROADCASTING

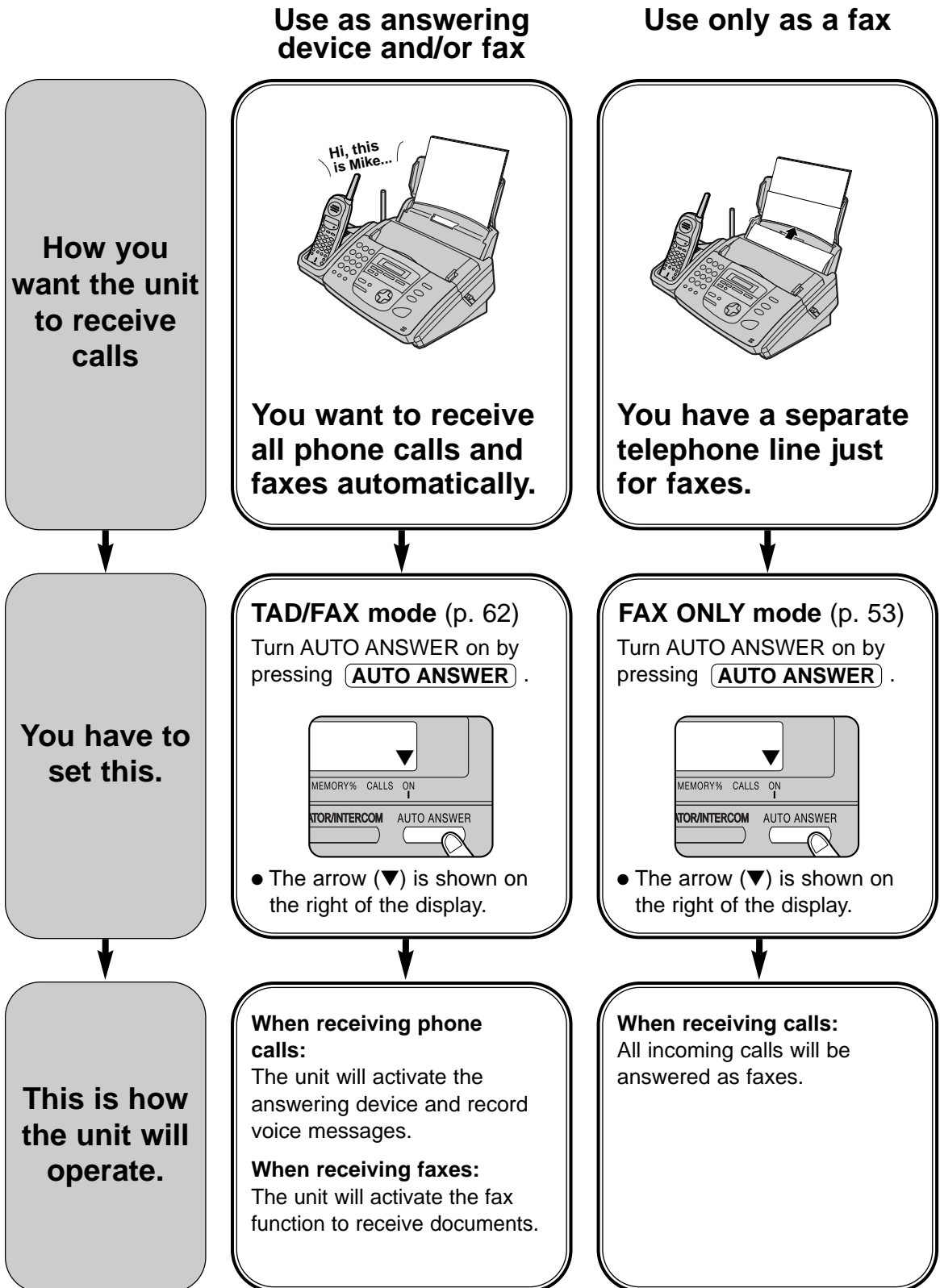
- The display will show the following.

SEND CANCELED?  
YES:SET/NO:STOP

**2.** Press **SET**.

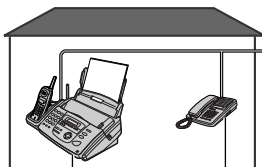
# Receiving Faxes

## Setting the unit to receive faxes



## Voice mail service (Distinctive Ring)

2-number example



To the  
same line

Facsimile No.      Telephone No.  
(555-1333)      (555-1111)

**You need to subscribe  
to Distinctive Ring  
Service.**

## Mostly phone calls



**You plan to answer  
the calls yourself.**

## Other options

### TEL/FAX mode

If you are near the unit and want to use it to receive phone calls yourself and faxes automatically, see pages 54 and 55.

### Remote fax activation

You can also receive a fax using an extension telephone. While hearing a fax calling tone with an extension telephone, press **\*9** (pre-selected fax activation code) to receive a fax (p. 56).

### Setting the Distinctive Ring pattern (p. 58)

Select the same ring pattern assigned to the facsimile number. (Default setting is B.)

A: Standard ring (one long ring)

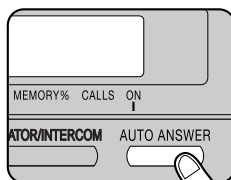
**B: Double ring (two short rings)**

C: Triple ring (short-long-short rings)

D: Other triple ring (short-short-long rings)

### TEL mode (p. 52)

Turn AUTO ANSWER off by pressing **AUTO ANSWER**.



● The arrow (▼) is not shown on the right of the display.

**When the fax machine detects a call matching the selected Distinctive Ring pattern:** The fax machine will activate the fax function.

**When the fax machine detects other ring patterns:** The fax machine will operate based on the AUTO ANSWER setting.

### When receiving calls:

You have to answer all calls manually.

To receive a fax document, press **FAX/START** for each fax receiving.

# Receiving Faxes

## TEL mode (answering all calls manually)

### Activating TEL mode

If the arrow (▼) is shown on the right of the display, turn it off by pressing **AUTO ANSWER**.

Display: TEL MODE ON

### Receiving a fax using the base unit

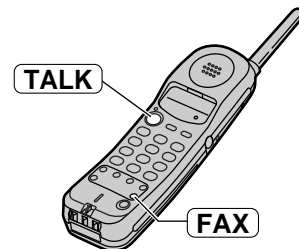
- 1** When the unit rings, press **DIGITAL SP-PHONE** or lift the handset to answer the call.
- 2** When:
  - document reception is required,
  - a fax calling tone (slow beep) is heard, or
  - no sound is heard,press **FAX/START**.

CONNECTING.....

- The unit will start fax reception.

### Receiving a fax using the handset

- 1** When the handset rings, press **TALK**.
  - 2** When:
    - document reception is required,
    - a fax calling tone (slow beep) is heard, or
    - no sound is heard,press **FAX** until a single beep is heard.
- The unit will start fax reception.



#### Note:

- If you do not answer the call within 10 rings, the unit will temporarily activate the answering device. The greeting message will then be played and the other party can send a fax.
- Up to 30 sheets of printed paper can be held. Remove the printed paper before it exceeds 30 sheets.

### To stop receiving

Press **STOP**.

### Friendly reception feature

When you answer a call and hear a fax calling tone (slow beep), the unit will automatically start fax reception.

- If this feature is not required, set feature #46 to off (p. 85).

### Fax reception in memory

When a printing problem is detected, the unit will temporarily store the received document into memory.

While the document is in memory:

- the display will show an error message and the following alternately,

Display: FAX IN MEMORY

- slow beeps will sound if feature #44 is set to on (p. 85).

- Follow the instructions on pages 89 and 90 to solve the problem.
- For memory capacity, see page 108.

## FAX ONLY mode --- --- (all calls are received as faxes)

### Activating FAX ONLY mode

**1** Set feature #77 to "FAX ONLY" (p. 87).

**2** If the arrow (▼) is not shown on the right of the display, turn it on by pressing

**AUTO ANSWER**.

- The display will show the number of rings before the unit answers a call in FAX ONLY mode.

Display: 

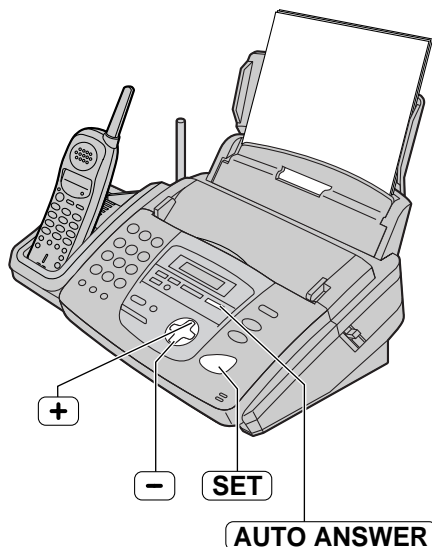
PICKUP & RCV FAX AFTER 3 RINGS[±]
--------------------------------------

**3** If you wish to change the ring setting, press **+** or **-** until the desired number is displayed, and press **SET**.

	▼
--	---

  
ON

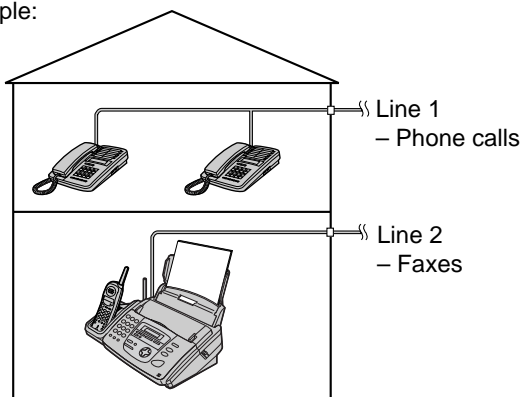
- When receiving calls, the unit will automatically answer all calls and only receive fax documents.



#### Note:

- If the arrow (▼) is already shown on the right of the display and you wish to change the ring setting, turn the arrow off once then on again by pressing **AUTO ANSWER** and follow the instructions in step 3.
- This mode should not be used with a telephone line which is used for both phone calls and faxes. Fax communication will be attempted even if someone is trying to call you. We recommend the following setup.

Example:



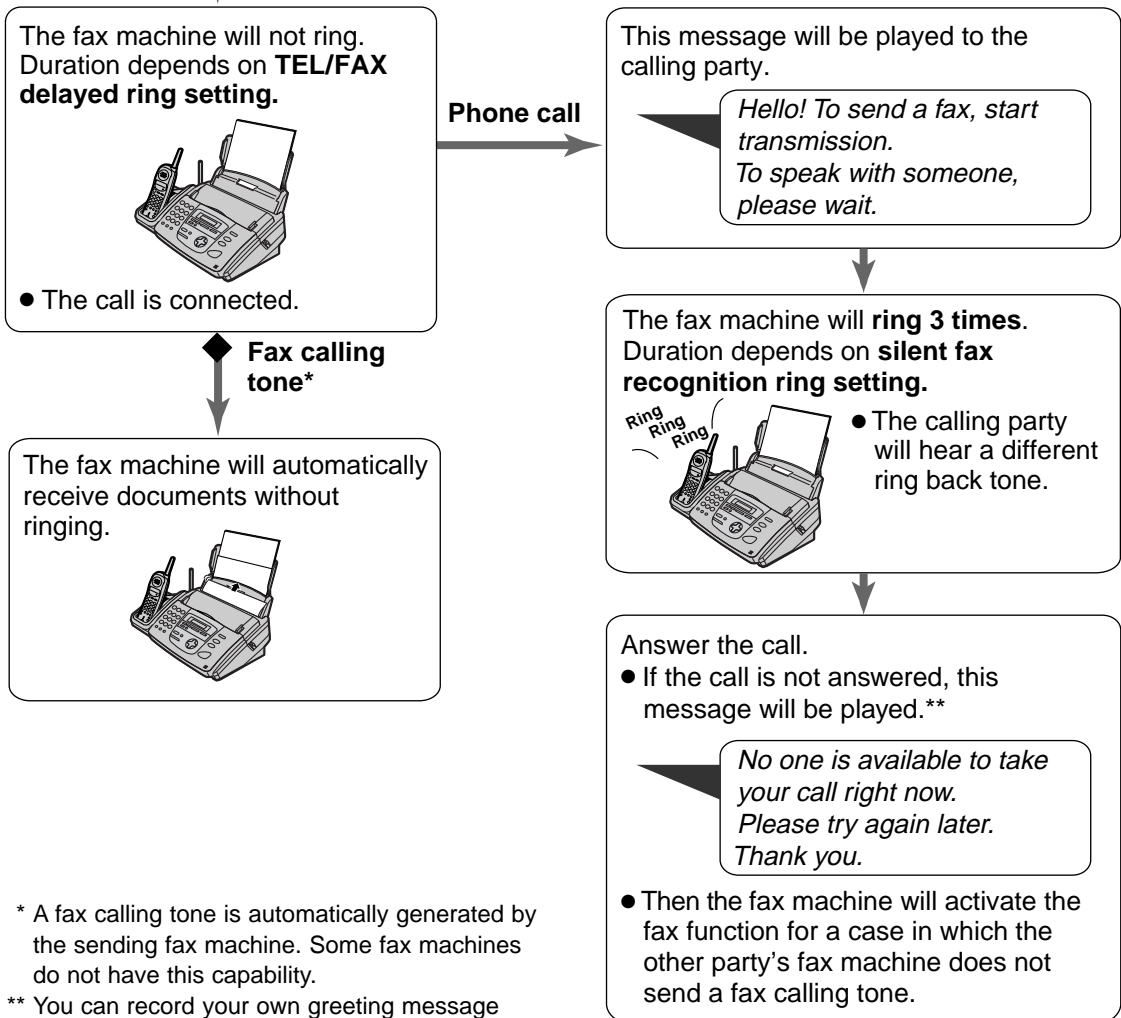
Only a fax machine is connected.

# Receiving Faxes

## TEL/FAX mode --- --- (receiving phone calls with ring signals and faxes without ring signals when you are near the unit)

Use this mode when you are always near the fax machine, and want to receive faxes without the unit ringing. When a call is received, the fax machine will work as follows. To set TEL/FAX mode, see below.

A call is received.



\* A fax calling tone is automatically generated by the sending fax machine. Some fax machines do not have this capability.

\*\* You can record your own greeting message (p. 63).

### Note:

- The base unit will display the following when a call is received.

Display: INCOMING CALL

- The ringer should be on (p. 23, 24).
- If the ring detection (p. 58) is set and a different ring pattern is received, the unit will not receive the fax automatically.

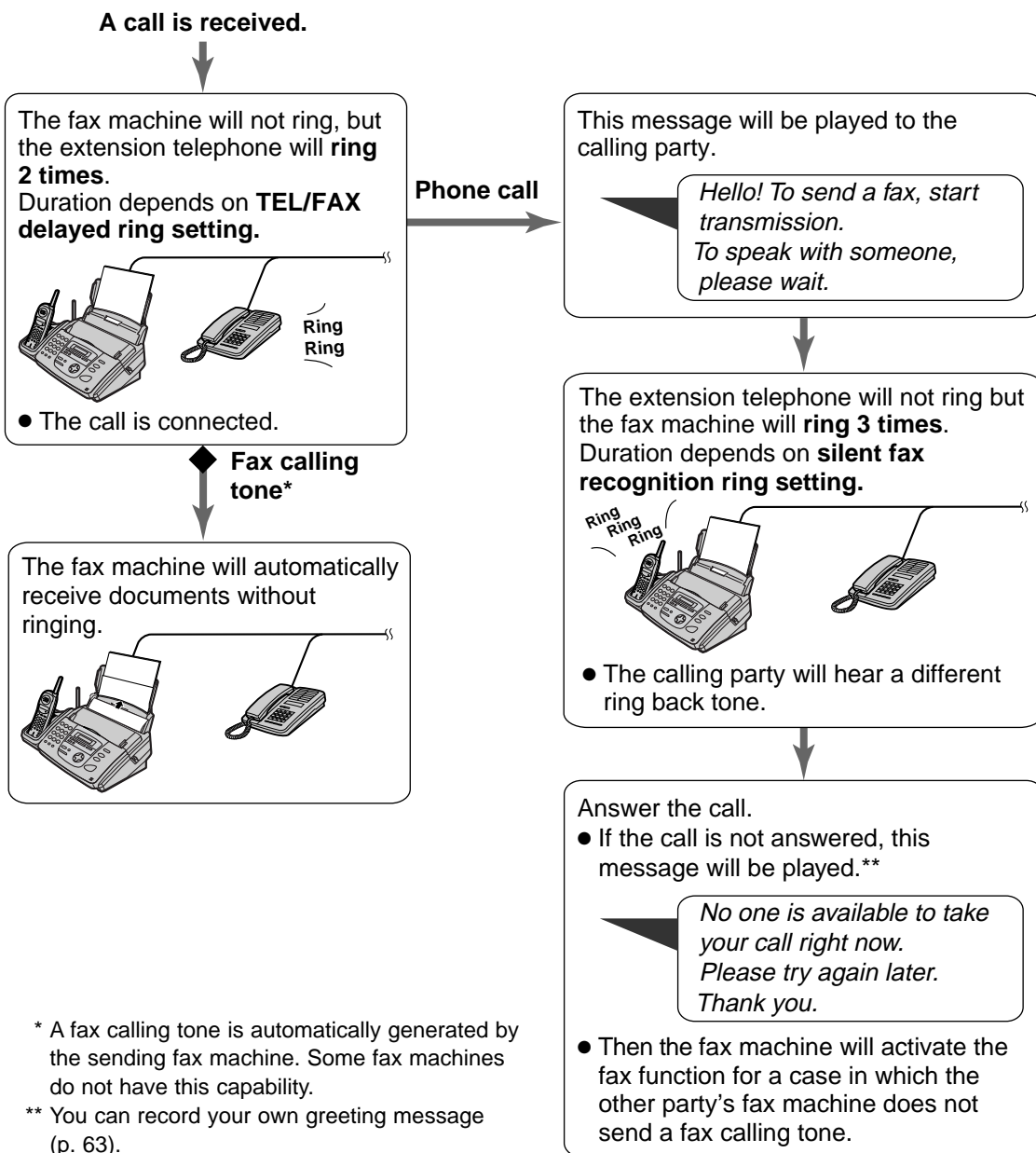
### To set TEL/FAX mode

1. Set feature #77 to "TEL/FAX" (p. 87).
2. If the arrow (▼) is not shown on the right of the display, turn it on by pressing

AUTO ANSWER .

Display: ▼  
ON

## When an extension telephone is connected



### TEL/FAX delayed ring setting

The number of rings generated before the fax machine answers depends on the setting of feature #78 on page 87. The fax machine will not generate an audible ring during this time.

### Silent fax recognition ring setting

The fax machine generates audible rings to indicate that it is receiving a phone call. The number of rings generated depends on the setting of feature #30 on page 83. This signal will not ring at an extension telephone.

# Receiving Faxes

---

## Extension telephone

---

---

If you use the fax machine with an extension telephone, you can receive fax documents using the extension telephone. You do not have to press **FAX/START** on the fax machine.

### Important:

- Use a touch tone telephone as the extension telephone and enter the fax activation code **firmly**.

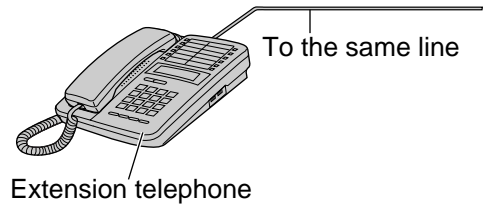
**1** When the extension telephone rings, lift the handset of the extension telephone.

**2** When:  
— document reception is required,  
— a fax calling tone (slow beep) is heard, or  
— no sound is heard,  
press **\*9** (pre-selected fax activation code) **firmly**.

**3** Hang up the handset.  
• The fax machine will start reception.

### Note:

- You can change the fax activation code in feature #41 (p. 84).





## Pager call - when the unit receives a fax or voice message

This feature allows your unit to call your pager when your unit receives a fax document or an incoming voice message.

**1** Press **MENU** .  
Display: 

SYSTEM SET UP PRESS NAVI. [◀ ▶]
------------------------------------

**2** Press **▣**, then **7 0** .  

PAGER CALL MODE=OFF [±]
----------------------------

**3** Press **+** or **-** to select "ON".  

PAGER CALL MODE=ON [±]
---------------------------

- If this feature is not required, select "OFF".

**4** Press **SET** .  

NO. =
-------

**5** Enter your pager number up to 30 digits.  
Example: 

NO. =12025551234
------------------

**6** Press **SET** .  

PIN=
------

**7** Enter your pager access code up to 10 digits if required.

Example: 

PIN=12345678
--------------

**8** Press **SET** .  

MSG. =07734
-------------

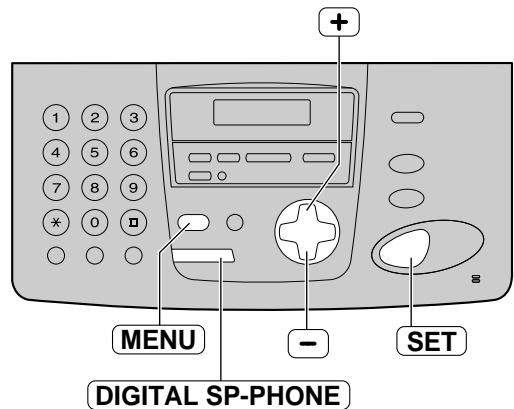
- The default code 07734 will show "Hello!" on your pager.
- If you want to change this message, enter your message up to 30 digits.

**9** Press **SET** .  
• The unit will dial the stored number.  

PAGER TEST
------------

**10** Check that your pager received the pager test call.

**11** Press **DIGITAL SP-PHONE** .



### Note:

- If you have subscribed to a Caller ID service, instead of the message you entered in step 8, your pager will display the caller's telephone number, followed by "11" or "22".  
11: When your unit receives a voice message.  
22: When your unit receives a fax document.
- If you have not entered a message in step 8, your pager will only display "11" or "22".

# Distinctive Ring

## Using with a voice mail service

### Important:

- When you have a single telephone line and subscribe to a telephone company's voice mail service, you must also subscribe to the Distinctive Ring Service if you want to receive faxes automatically as well as voice messages. For more information about telephone services, contact your telephone company.

When you subscribe to Distinctive Ring Service, your telephone company will assign you a new fax number and will also tell you the assigned ring pattern. Please complete the following setup on your fax machine to identify the assigned ring pattern.

**1** Press **MENU**.

Display: SYSTEM SET UP  
PRESS NAVI. [◀ ▶]

**2** Press **□**, then **3 1**.

RING DETECTION  
MODE=B [±]

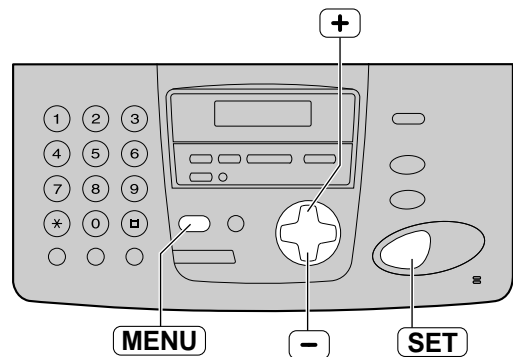
**3** Press **+** or **-** to select the ring pattern assigned by the telephone company.

- A: Standard ring (one long ring)
- B: Double ring (two short rings) (**default setting**)
- C: Triple ring (short-long-short-rings)
- D: Other triple ring (short-short-long rings)
- OFF: Turns off the feature

**4** Press **SET**.

SETUP ITEM [ ]

**5** Press **MENU** to exit the program.



### Note:

- Once you have programmed the assigned ring pattern into the fax machine, turn AUTO ANSWER off so that the fax machine is in TEL mode.
- In TEL mode, the fax machine will recognize incoming faxes on the first ring pattern and answer automatically. For phone calls, the fax machine will ring as a normal call.

## Making a copy

The unit can make single or multiple copies (up to 50).

**1** Adjust the width of the document guides to the size of the document.

**2** Insert the document (up to 10 pages) **FACE DOWN** until a single beep is heard and the unit grabs the document.

Display: 

STANDARD PRESS NAVI. [+ -]
-------------------------------

- If necessary, press **+** or **-** repeatedly to select the desired resolution (see below).

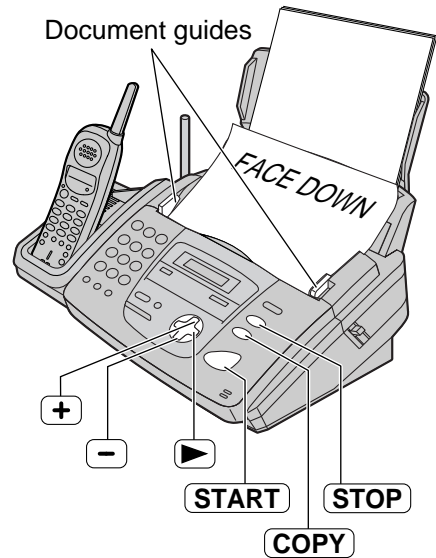
**3** Press **COPY**.

NUMBER=1 COPY:PRESS START
↑
NUMBER=1 OR PRESS NAVI. ▶

- If necessary, enter the number of copies (up to 50).

**4** Press **START**.

- The unit will start copying.



### Note:

- Any transmittable document can be copied (p. 44).

### To select the resolution

Select the desired resolution according to the type of document.

- **FINE**: For printed or typewritten originals with small printing.
- **SUPER FINE**: For originals with very small printing.
- **PHOTO**: For originals containing photographs, shaded drawings, etc.
- If you select "STANDARD", copying will be done using "FINE" mode.

You can also select the resolution after pressing **COPY** in step 3.

1. Press **▶** 3 times.

Display: 

STANDARD [+ -] <NUMBER>▶
-----------------------------

2. Press **+** or **-** repeatedly to select the desired resolution.

### Quick scan feature

With this feature, the unit can scan the document into memory before copying. This feature is helpful when you want to remove the document for other uses. To use this feature, activate feature #34 on page 83 and make a copy. After storing, the unit will print the document.

- If the document exceeds the memory capacity (p. 108), copying will be canceled and this feature will be turned off automatically.

### To stop copying

Press **STOP**.

# Copying

## Convenient way to make a copy

### To enlarge a document

1. Press in step 3 on page 59.

Display: 

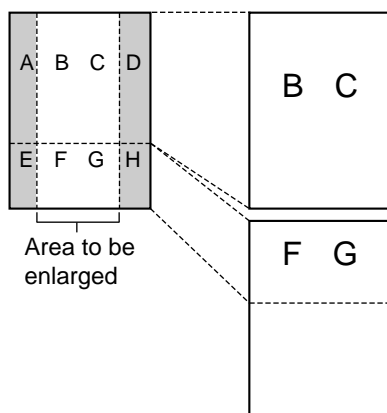
ZOOM 100% [+ -] <COLLATE>▶
-------------------------------

2. Press to select "150%" or "200%".

- The unit will only enlarge the center most part of the document, printing it on two pages.

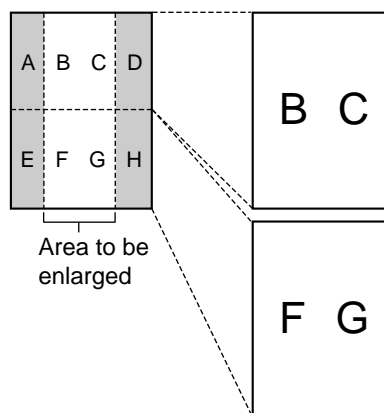
#### Example of a 150% enlarged copy

Original document      Enlarged copy



#### Example of a 200% enlarged copy

Original document      Enlarged copy



### To reduce a document

1. Press in step 3 on page 59.

Display: 

ZOOM 100% [+ -] <COLLATE>▶
-------------------------------

2. Press to select "92%", "86%" or "72%".

- See below for the recommended reduction rates.

Setting	Size of recording paper	Size of original document
100% (default)	Letter	Letter
	Legal	Letter, A4, Legal
	A4	A4, Letter
92%	Letter	A4
86%	Letter	A4
72%	Letter	Legal
	A4	Legal


Letter = 216 mm x 279 mm  
(8<sup>1</sup>/<sub>2</sub>" x 11")  
 Legal = 216 mm x 356 mm  
(8<sup>1</sup>/<sub>2</sub>" x 14")  
 A4 = 210 mm x 297 mm  
(8<sup>1</sup>/<sub>4</sub>" x 11<sup>11</sup>/<sub>16</sub>")

#### Note:

- If the appropriate reduction rate is not selected, the document may be divided and the top of the second sheet will be deleted.
- If the image at the bottom of the document is not copied when you copy a document as long as the recording paper, try 92% or 86%.

## To collate multiple copies

The unit can collate multiple copies in the same order as the original document pages.

1. Press  2 times in step 3 on page 59.

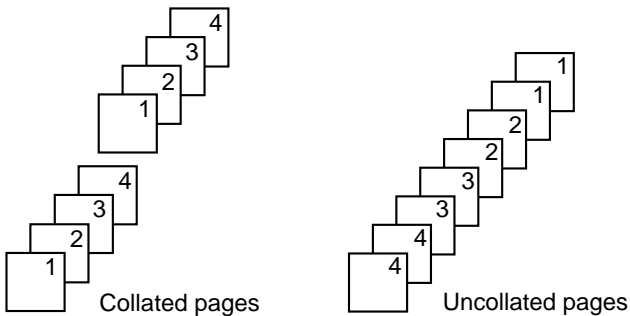
Display:

```
COLLATE OFF [+ -]  
<RESOLUTION>▶
```

2. Press  or  repeatedly until the following is displayed.

```
COLLATE ON [+ -]  
<RESOLUTION>▶
```

**Example:** Making two copies of a 4-page original document



### Note:

- The unit will store the documents into memory while collating the copies. If memory becomes full while storing, the unit will only print out the stored pages.
- After copying, the collating feature will turn off automatically.

# Setup

## TAD/FAX mode (receiving phone calls and faxes automatically)

When TAD/FAX mode is set, the unit will work as a fax machine and/or answering device. If a fax tone is detected, the unit will automatically receive the fax. If a phone call is detected, the answering device will play a greeting message and the caller can leave a voice message.

### Setting up the voice and fax message reception

- 1 Make sure that feature #77 is set to "TAD/FAX" (p. 87).
- 2 If the arrow (▼) is not shown on the right of the display, turn it on by pressing **AUTO ANSWER**.
  - The unit will play the pre-recorded greeting message.
  - The display will show the ring setting in TAD/FAX mode.

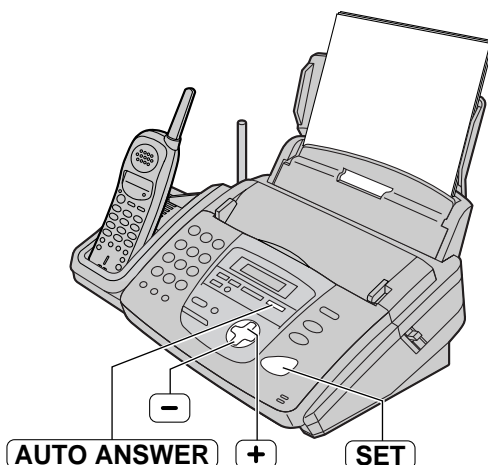
Display: 

PICKUP &RCV CALL AFTER 2 RINGS[±]
--------------------------------------

- 3 If you wish to change the ring setting, press **+** or **-** until the desired setting (see below) is displayed, and press **SET**.
  - You can change the speaker volume after setting the ring setting. Press **+** or **-** while listening to the greeting message.
  - The remaining time for recording incoming messages will be displayed.

Example: 

TIME = 10m13s
---------------



#### Note:

- If the arrow (▼) is already shown on the right of the display and you wish to change the ring count, turn it off once then on again by pressing **AUTO ANSWER** and follow the instructions in step 3.
- The incoming message recording time can be changed (feature #10 on page 81).
- When the remaining time is low, erase unnecessary messages (p. 66). For voice memory capacity for incoming messages, see page 108.
- While an incoming call is being recorded, you can monitor it through the speaker. If this feature is not required, set feature #67 to off (p. 87).

### Ring setting in TAD/FAX mode

You can choose from 1, 2, 3, 4, TOLL SAVER and RINGER OFF.

**TOLL SAVER:** When you call the unit from a remote location, the number of rings will tell you if there are any new voice messages. If the unit answers on the second ring, there is at least one new recorded message. If the unit answers on the fourth ring, there are no new recorded messages. To save the toll charges for the call, hang up immediately when you hear the third ring. The third ring indicates that there are no new recorded messages.

**RINGER OFF:** The unit will answer without ringing.

- If you subscribe to a Caller ID service, set to 2 or more rings.
- This setting can also be changed by feature #06 on page 80.

## Recording your own greeting messages

You can record your own greeting messages for TAD/FAX and TEL/FAX modes. When receiving a call, your own greeting message will be played instead of the pre-recorded message. The recording time will be limited to 16 seconds. We recommend you record your message within 12 seconds to make it easier to receive faxes.

### Suggested messages

TAD/FAX greeting message	<i>"This is (your name, business and/or telephone number). We are unable to answer right now. To send a fax, start transmission. To leave a message, speak after the beep. Thank you."</i>
TEL/FAX greeting message	<i>"This is (your name, business and/or telephone number). We are unable to answer right now. Please try again later. Thank you."</i>

**1** Select the desired mode (TAD/FAX or TEL/FAX) where you want to record a greeting message (feature #77 on page 87).

**2** Press **RECORD** 2 times.  
 ● The display will show the following according to your selection in step 1.

TAD/FAX mode: 

TAD GREETING PRESS SET
---------------------------

TEL/FAX mode: 

TEL/FAX GREETING PRESS SET
-------------------------------

**3** Press **SET**.  
 ● A long beep will sound.

**4** Speak clearly about 20 cm (8 inches) away from the microphone.

● The display will show the remaining recording time.

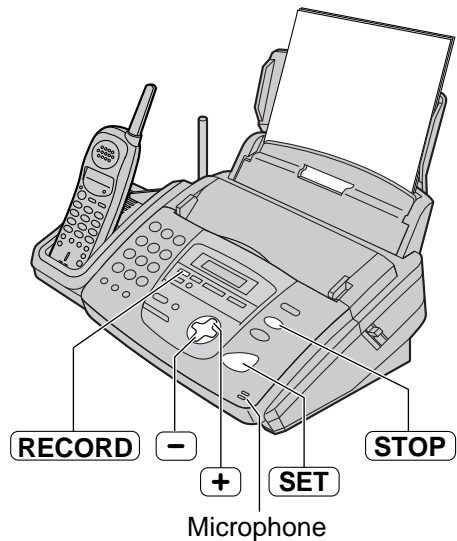
TAD/FAX mode: 

TAD	REC.	16s
-----	------	-----

TEL/FAX mode: 

T/F	REC.	16s
-----	------	-----

**5** When finished recording, press **STOP**.  
 ● The unit will repeat your message.  
 Adjust the volume using **+** or **-**.



### Note:

- You can choose 60 seconds for your own TAD/FAX greeting message (feature #54 on page 86).
  - If you change to 60 seconds, we recommend that you tell the caller in your own TAD/FAX greeting message to press \*9 before starting fax transmission.
  - If you change to 16 seconds from 60 seconds, your own recorded TAD/FAX greeting message will be deleted. When receiving a call, the pre-recorded message will be played.

## Checking the greeting messages

**1** Select the desired mode (TAD/FAX or TEL/FAX) for the greeting message you want to listen to (feature #77 on page 87).

**2** If the arrow (▼) is not shown on the right of the display, turn it on by pressing

**AUTO ANSWER** .

If the arrow (▼) is shown on the right of the display, turn it off once then on again.

- The display will show the following according to your selection in step 1.

TAD/FAX mode: 

PICKUP &RCV CALL AFTER 2 RINGS[±]
--------------------------------------

TEL/FAX mode: 

TEL/FAX MODE
--------------

- The unit will play the greeting message.



**AUTO ANSWER**



## Erasing your own recorded greeting messages **≡**

**1** Select the desired mode (TAD/FAX or TEL/FAX) for the greeting message you want to erase (feature #77 on page 87).

**2** Press **ERASE** 2 times.

- The display will show the following according to your selection in step 1.

TAD/FAX mode: 

TAD GREETING PRESS SET
---------------------------

TEL/FAX mode: 

TEL/FAX GREETING PRESS SET
-------------------------------

**3** Press **SET** .

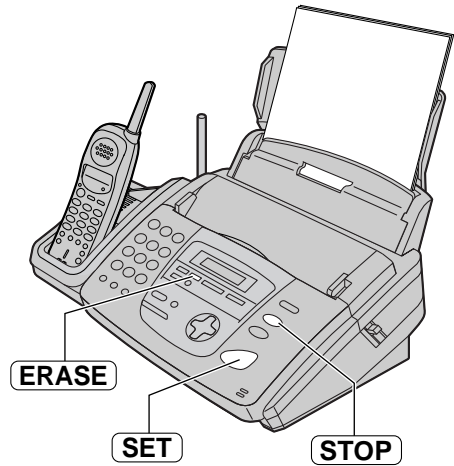
ERASE GREETING? YES:SET/NO:STOP
------------------------------------

- To cancel erasing, press **STOP** .

**4** Press **SET** .

GREETING ERASED
-----------------

- When receiving a call, the pre-recorded greeting message will be played.



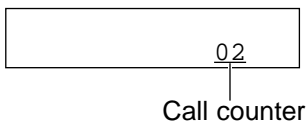
# Incoming Messages

## Listening to recorded messages using the base unit

When the unit has recorded new voice messages:

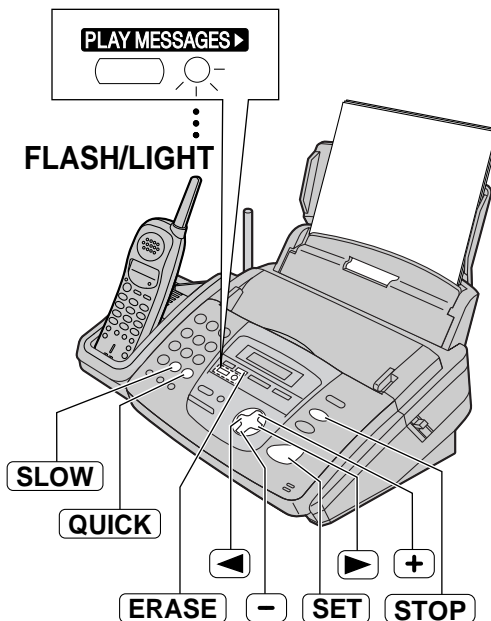
- the PLAY MESSAGES indicator will flash,
- the call counter will show the total number of recorded messages, and
- slow beeps will sound if the message alert feature is activated (feature #42 on page 84).

Example:



Press **PLAY MESSAGES**.

- Only the new recorded messages will be played.
- Adjust the speaker volume using **+** or **-**.
- After playing back all of the new messages, the PLAY MESSAGES indicator will stop flashing but will remain lit up.  
If you press **PLAY MESSAGES** at this time, all the recorded messages will be played.



### To repeat a message

Press **◀** while listening to the message.

- If you press **◀** within 5 seconds of the beginning of the message, the previous message will be played.
- To play back a specific message, press **◀** or **▶** and search for the message you want to listen to.

### To skip a message

Press **▶** to play the next message.

### To stop playback

Press **STOP**.

- If you press **PLAY MESSAGES** within 1 minute, the unit will resume playing the rest of the messages.

### Voice time/day stamp

During playback, a synthesized voice will announce the time and day of the week that each message was recorded.

### To change the playback speed

Press **QUICK** to play messages at one and a half times the original speed.

Press **SLOW** to play messages at half the original speed.

- To return to the original speed, press **QUICK** or **SLOW** again during quick or slow playback.

### To erase a specific message

Press **ERASE** while listening to the message you want to erase.

### To erase all the messages

Check that you have listened to all of the recorded messages.

1. Press **ERASE**.

Display: ALL MESSAGES  
PRESS SET

2. Press **SET**.

ERASE MESSAGES?  
YES: SET/NO: STOP

3. Press **SET**.

- Messages recorded in voice mailbox will not be erased.

## Listening to recorded messages using the handset

**1** Press **PLAYBACK**.

Example: 

Remote operation CH10
--------------------------

- The TALK indicator will flash.
- The voice guide will tell you the number of new messages and they will be played automatically.

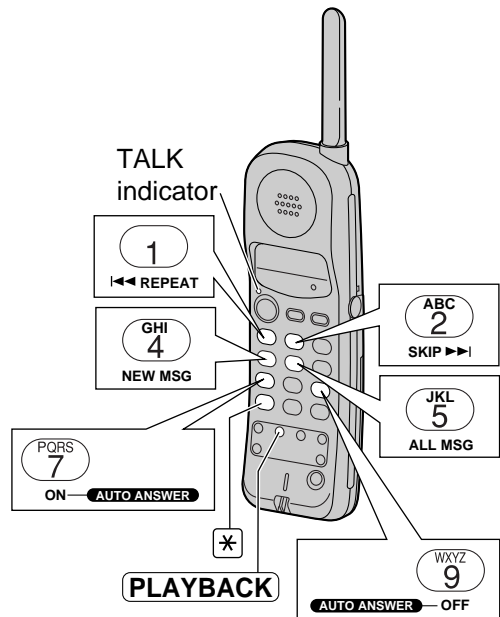
Voice guide example:

3 new messages.

- **To repeat only the new messages:**  
Press **4**.
- **To listen to all the messages:**  
Press **5**.

**2** Press **PLAYBACK** to end the operation.

- The TALK indicator will turn off.



### When there are no new messages

The voice guide will be heard.

Voice guide example:

No new messages

Press **5** or wait 4 seconds to listen to all the messages.

### When voice memory is full

The voice guide will be heard after playing the messages.

Voice guide example:

Sorry, no more memory.  
Please erase unnecessary messages.

Erase some or all of the messages.

### To repeat a message

Press **1** while listening to the message.

- If you press **1** within 5 seconds of the beginning of the message, the previous message will be played.

### To skip a message

Press **2** to play the next message.

### To erase a specific message

Press **\* 4** while listening to the message you want to erase.

Voice guide example:

The message has been erased.

- A long beep will sound. The unit will then play back the next message.

### To erase all the messages

Press **\* 5** to erase all the messages.

Voice guide example:

All messages have been erased.

- A long beep will sound.

### To turn AUTO ANSWER on or off

To turn AUTO ANSWER on (TAD/FAX mode), press **7**.

To turn AUTO ANSWER off (TEL mode), press **9**.

# Recording

---

## Memo message ===== (leaving a message for others or yourself)

To leave a private message for yourself or someone else, you can record a voice memo. This memo can be played back later, either directly or remotely.

**1** Press **RECORD**.

Display: 

MEMO MESSAGE PRESS SET
---------------------------

**2** Press **SET**.  
• A long beep will sound.

MEMO RECORDING
----------------

**3** Speak clearly about 20 cm (8 inches) away from the microphone.

**4** When finished recording, press **STOP**.



## Operating from a remote location

The following operations can be performed from a remote location using a touch tone telephone. **Program the remote operation ID (feature #11 on page 81) and set the unit to TAD/FAX mode before going out (p. 62).**

Dial key	Remote command	Page	Dial key	Remote command	Page
<b>0</b>	Skips the greeting message	71	<b>*4</b>	Erases a specific message	71
<b>1</b>	Repeats a message	70	<b>*5</b>	Erases all messages	71
<b>2</b>	Skips a message	70	<b>80</b>	Changes to TEL mode	71
<b>4</b>	New message playback	70	<b>81</b>	Turns ON message transfer	71
<b>5</b>	All message playback	70	<b>82</b>	Turns OFF message transfer	71
<b>6</b>	Room monitor	71	<b>83</b>	Turns ON pager call	71
<b>7</b>	Re-records a greeting message	71	<b>84</b>	Turns OFF pager call	71
<b>9</b>	Stops re-recording of a greeting message	71			

## Remote operation card

Please cut out and carry this card for assistance when using the remote operation.

### Mailbox Remote Operation

#### ■ Recording a message in a mailbox:

1. Call your unit.
2. Press **\*** and the mailbox no. ( **1** or **2** ).
3. Leave a message.

#### ■ Retrieving messages from a mailbox:

1. Call your unit.
2. Press **\*** and the mailbox no. ( **1** or **2** ).
3. Enter the mailbox password   .
4. Press the remote command key (see the reverse side).
  - **81**, **82**, **83** and **84** cannot be used.

Fold here

### Notice of Remote Operation

- The remote operation is available only from a touch tone telephone when the unit is in TAD/FAX mode.
- When the unit is in TEL mode, call your unit and wait for 10 rings. The answering device will temporarily answer the line. Enter the remote operation ID during the greeting message. The unit will switch to TAD/FAX mode.
- When you press a key, press firmly.
- To send a document, press **\*9**. When a fax tone is heard, start transmission.

# Remote Operation

## Listening to recorded messages

**1** Call your unit from a remote touch tone telephone.

**2** Enter the remote operation ID during TAD/FAX greeting playback.

### When there are new messages

The voice guide will tell you the number of new messages and they will be played automatically.

*Voice guide example:*

*3 new messages.*

- **To repeat a message:**

Press **1**.

If you press **1** within 5 seconds of the beginning of a message, the previous message will be played.

- **To skip a message:**

Press **2**.

- **To repeat only the new messages:**

Press **4**.

- **To listen to all the messages:**

Press **5**.

### When there are no new messages

*No new messages.*

Press **5** or wait for 4 seconds to listen to all the messages.

### When voice memory is full

*Sorry, no more memory.  
Please erase unnecessary messages.*

Erase some or all of the messages (p. 71).

### Answering Device Remote Operation

1. Call your unit.
2. Enter the remote operation ID    during the greeting message.
  - The new messages will be played automatically.
  - If there are no new messages, wait for 4 seconds. All the messages will be played back.
3. Press the remote command key(s) within 10 seconds.

Key	Remote command
<b>0</b>	Skips the greeting message
<b>1</b>	Repeats a message
<b>2</b>	Skips a message

Key	Remote command
<b>4</b>	New message playback
<b>5</b>	All message playback
<b>6</b>	Room monitor
<b>7</b>	Re-records a greeting message
<b>9</b>	Stops re-recording of a greeting message
<b>*4</b>	Erases a specific message
<b>*5</b>	Erases all messages
<b>80</b>	Changes to TEL mode
<b>81</b>	Turns ON message transfer
<b>82</b>	Turns OFF message transfer
<b>83</b>	Turns ON pager call
<b>84</b>	Turns OFF pager call

## Other remote operations

### ■ Erasing a specific message

Press **[\*] [4]** while listening to the message you want to erase.

*Voice guide example:*

*The message has been erased.*

- A long beep will sound. The unit will then play back the next message.

### ■ Erasing all the messages

Press **[\*] [5]** to erase all the messages.

*All messages have been erased.*

- A long beep will sound.

### ■ Monitoring the room

Press **[6]** to monitor the sound for about 30 seconds in the room where the unit is installed.

- After 30 seconds, a beep sounds. To continue monitoring, press **[6]** again within 10 seconds.

### ■ Recording a marker message

You can leave an additional message.

1. Wait for the voice guide.

*All messages have been played.*

2. Wait about 10 seconds.

*Please leave your name and message after the beep.*

3. Leave a message after the beep.

### ■ Re-recording a greeting message

You can change the contents of the greeting messages for TAD/FAX mode.

1. Press **[7]** to start recording.

- A long beep will sound.

2. Speak clearly up to 16 seconds.

- If you pause for over 2 seconds, 6 beeps will sound and the recording will stop. Repeat from step 1 within 10 seconds.

3. When finished recording, press **[9]**.

- The new greeting message will be played.

### ■ Skipping the greeting message

Press **[0]** during the greeting message playback.

- The unit will skip the rest of the greeting message.

### ■ Turning the message transfer on or off

You must pre-program a transfer telephone number beforehand (feature #60 on page 86).

Press **[8] [1]** to turn ON the message transfer.

*Message transfer is set.  
Transfer phone number is 123...*

Press **[8] [2]** to turn OFF the message transfer.

*Message transfer is off.*

- If a transfer telephone number is not programmed, you cannot turn this feature ON.

*Transfer phone number is not set.*

### ■ Turning the pager call on or off

You must program a pager number beforehand (feature #70 on page 57).

Press **[8] [3]** to turn ON the pager call.

*Pager call is set.  
Pager number is 098765432.*

Press **[8] [4]** to turn OFF the pager call.

*Pager call is off.*

- If a pager number is not programmed, you cannot turn this feature ON.

*Pager number is not set.*

### ■ Changing the receive mode

Press **[8] [0]** to change the receive mode from TAD/FAX to TEL.

- You cannot return to TAD/FAX mode in the same call. To return to TAD/FAX mode, see below.

### ■ Returning to TAD/FAX mode

1. Call your unit and wait for 10 rings.
  - The answering device will temporarily answer the call.
2. Enter the remote operation ID during the greeting message.
  - Your unit will switch to TAD/FAX mode.

## How callers can leave you private messages

This unit has two mailbox memories. Your caller can leave a private message in a specific mailbox. Only the person who knows the password can retrieve a message from a mailbox. This feature is useful when you share this unit with other people.

### To use a mailbox

1. Record your own TAD/FAX greeting message (p. 63).  
**Suggested message:** *"This is (your name). We are unable to answer right now. To send a fax, start transmission. To leave a message, speak after the beep. To leave a private message, press [\*] and the desired mailbox number 1 or 2. Thank you."*
2. Record your own mailbox greeting message if necessary (p. 73).  
**Suggested message:** *"This is (personal name). Please leave your name and message after the beep."*
3. Change the mailbox password if necessary.
  - For mailbox 1 password, see feature #51 on page 85.
  - For mailbox 2 password, see feature #52 on page 85.
4. Set the unit to TAD/FAX mode (p. 62).

### How incoming messages are recorded in a mailbox

- 1 Call your unit from a remote touch tone telephone.
  - The TAD/FAX greeting message will be played.
- 2 Press [\*] and the desired mailbox number (1 or 2).
  - A mailbox greeting message will be played.
- 3 After the beep, leave a message.

**Note:**

- If the caller does not enter the mailbox number in step 2, the message will be recorded in the common memory.



## Recording your own mailbox greeting messages

The recording time is limited to 16 seconds for each mailbox.

### Suggested message

*"This is (personal name). Please leave your name and message after the beep."*

**1** Press **MENU**.

Display: 

SYSTEM SET UP PRESS NAVI. [◀ ▶]
------------------------------------

**2** For mailbox 1:  
Press **☒**, then **5 5**.

BOX1 GREETING CHECK [±]
----------------------------

For mailbox 2:  
Press **☒**, then **5 6**.

BOX2 GREETING CHECK [±]
----------------------------

**3** Press **+** or **-** to select "RECORD".

Example: 

BOX1 GREETING RECORD [±]
-----------------------------

**4** Press **SET**.

Example: 

BOX1 REC.      16s
--------------------

**5** Speak clearly about 20 cm (8 inches) away from the microphone.

- The display will show the remaining recording time.

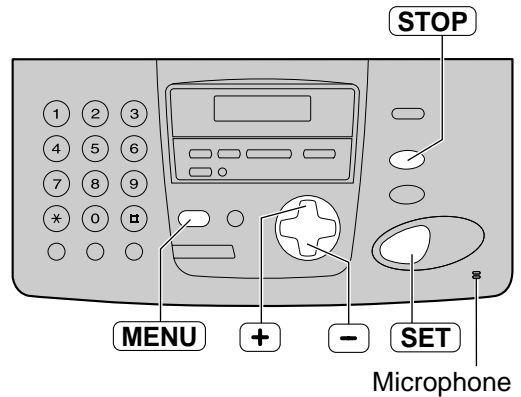
Example: 

BOX1 REC.      15s
--------------------

**6** When finished recording, press **STOP**.

- The unit will repeat your message. Adjust the volume using **+** or **-**.

**7** Press **MENU**.



### To check the mailbox greeting message

**1. For mailbox 1**  
Press **MENU**, **☒ 5 5**.

For mailbox 2  
Press **MENU**, **☒ 5 6**.

**2.** Press **+** or **-** to select "CHECK".

**3.** Press **SET**.  
• The unit will play the message.

**4.** Press **MENU**.

### To erase your own mailbox greeting message

**1. For mailbox 1**  
Press **MENU**, **☒ 5 5**.

For mailbox 2  
Press **MENU**, **☒ 5 6**.

**2.** Press **+** or **-** to select "ERASE".

**3.** Press **SET**.  
• Your own message will be erased.

**4.** Press **MENU**.

## Listening to recorded messages using the base unit

**1** Press **▶** 2 times.

Display: MAILBOX [+ -]

**2** Press **+** or **-** until the desired mailbox number is displayed.

Example: NEW MESSAGES  
MAILBOX2 [±] 02

↑↓

PRESS  
REC/ERASE/PLAY

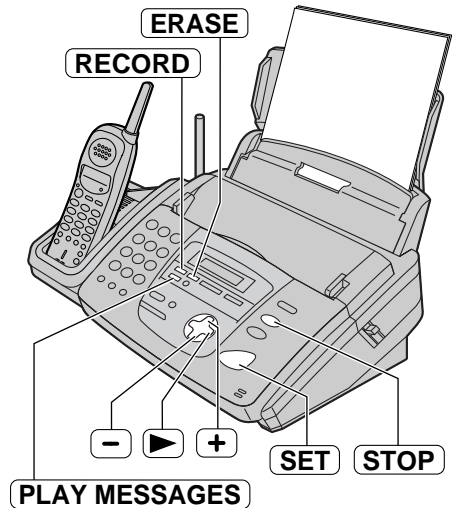
**3** Press **▶**.

If you have programmed your own mailbox password, enter it.

PASSWORD=

- Only the new recorded messages will be played.
- If there are no new messages, the unit will play back all the recorded messages.

**4** Press **■** to end the operation.



### Note:

- The following features can be used during playback. See page 66 for details.
  - To repeat a message
  - To skip a message
  - To stop playback
  - To change the playback speed
  - To erase a specific message

### To record a memo message into a mailbox

**1.** Press **▶** 2 times.

Display: MAILBOX [+ -]

**2.** Press **+** or **-** until the desired mailbox number is displayed.

Example: MAILBOX1 [±] 00

↑↓

PRESS  
REC/ERASE/PLAY

**3.** Press **RECORD**.

- A long beep will sound.

Example: BOX1 RECORDING

**4.** Speak clearly about 20 cm (8 inches) away from the microphone.

**5.** When finished recording, press **■**.

### To erase all the messages in a mailbox

**1.** Press **▶** 2 times.

**2.** Press **+** or **-** until the desired mailbox number is displayed.

Example: MAILBOX1 [±] 01

↑↓

PRESS  
REC/ERASE/PLAY

**3.** Press **ERASE**.

BOX1 ERASE OK?  
YES: SET/NO: STOP

**4.** Press **SET**.

## Listening to recorded messages using the handset

**1** Press **PLAYBACK**.

Example: 

Remote operation CH10
--------------------------

**2** For mailbox 1:

Press **\* 1**.

For mailbox 2:

Press **\* 2**.

**3** Enter the mailbox password (default setting "555").

- The TALK indicator will flash.
- The voice guide will tell you the number of new messages and they will be played automatically.

*Voice guide example:*

*3 new messages.*

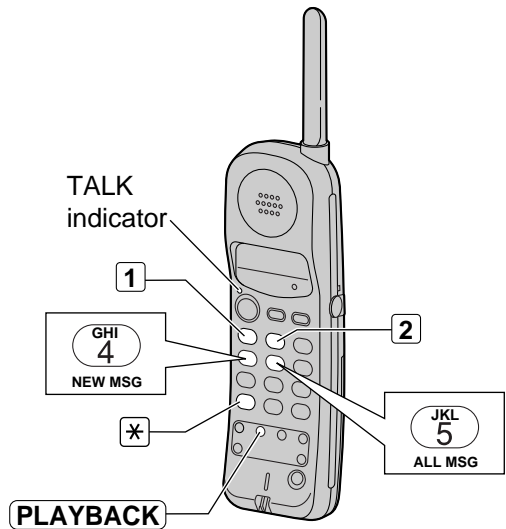
- **To repeat only the new messages:**  
Press **4**.
- **To listen to all the messages:**  
Press **5**.

**4** Press **PLAYBACK** to end the operation.

- The TALK indicator will turn off.

### Note:

- The following features can be used during playback.  
See page 67 for details.
  - To repeat a message
  - To skip a message
  - To erase a specific message
  - To erase all the messages
- For the following, see page 67.
  - When there are no new recorded messages.
  - When voice memory is full.



# Voice Mailbox

---

## Listening to recorded messages from a remote location

---

---

- 1** Call your unit from a remote touch tone telephone.
- 2** Press **\*** and the desired mailbox number ( **1** or **2** ) during TAD/FAX greeting playback.
  - If you have recorded your own mailbox greeting message, it will be played.
- 3** Enter the mailbox password (default setting “555”).
  - If you have programmed your own mailbox password, enter it instead of “555”.

**Note:**

- For details on remote operation, see pages 69–71.  
**8 1**, **8 2**, **8 3**, and **8 4** cannot be used.

---

### To listen to messages in another memory after playback

Press **\*** and **0** (for the common memory), then enter the remote operation ID.

or

Press **\*** and the desired mailbox number ( **1** or **2** ), then enter the mailbox password.

## Transferring recorded messages to another telephone

---

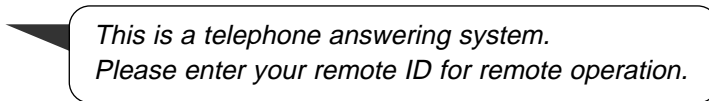
---

To use this feature, program the transfer telephone number first (feature #60 on page 86) and set the unit to TAD/FAX mode.

This feature allows your unit to call a designated telephone number each time an incoming voice message is recorded. You can retrieve the transferred message during the same call using the remote operation.

1. An incoming voice message is recorded in your unit.
2. Your unit calls the transfer telephone number.
3. Answer the call with the transfer telephone.
4. Your unit will play the transfer greeting message.

*Pre-recorded message:*



- This message can be changed (p. 78).
5. Enter the remote operation ID (feature #11 on page 81).
  6. Retrieve the message using the remote operation (p. 69–71).

## Recording your own transfer greeting message

The recording time is limited to 16 seconds.

### Suggested message

*"This is a transferred message from (your name, business and/or telephone number). Please enter your remote ID for remote operation."*

**1** Press **MENU**.

Display: SYSTEM SET UP  
PRESS NAVI. [◀ ▶]

**2** Press **☐**, then **6 1**.

TRNS-GREETING  
CHECK [±]

**3** Press **+** or **-** to select "RECORD".

TRNS-GREETING  
RECORD [±]

**4** Press **SET**.

TRNS REC. 16s

**5** Speak clearly about 20 cm (8 inches) away from the microphone.

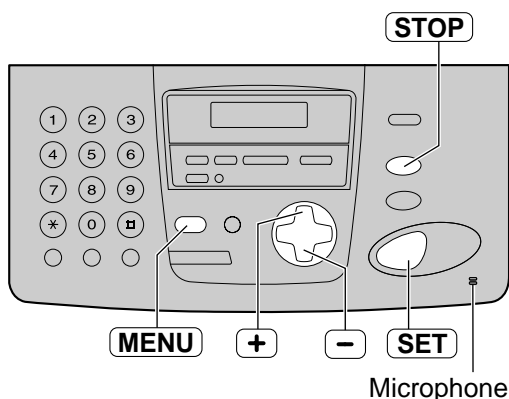
- The display will show the remaining recording time.

Example: TRNS REC. 15s

**6** When finished recording, press **STOP**.

- The unit will repeat your message. Adjust the volume using **+** or **-**.

**7** Press **MENU**.



### To check the transfer greeting message

1. Press **MENU**, **☐ 6 1**.
2. Press **+** or **-** to select "CHECK".
3. Press **SET**.
  - The unit will play the message.
4. Press **MENU**.

### To erase your own transfer greeting message

1. Press **MENU**, **☐ 6 1**.
2. Press **+** or **-** to select "ERASE".
3. Press **SET**.
  - Your own message will be erased.
4. Press **MENU**.
  - When transferring a call, the pre-recorded transfer greeting message will be played.

## Programming

The unit provides various programming features. Program the desired settings by referring to the programming tables (p. 80–87).

### General programming method

**1** Press **MENU**.

Display: 

SYSTEM SET UP PRESS NAVI. [◀ ▶]
------------------------------------

**2** Select the feature you wish to program.

**For basic features** (p. 80, 81):

Press **◀** or **▶** until the desired feature is displayed.

**For advanced features** (p. 82–87):

Press **◀** or **▶** until the following is displayed,

ADVANCED MODE PRESS SET
----------------------------

then press **SET** and press **◀** or **▶** until the desired feature is displayed.

- The current setting of the feature will be displayed.

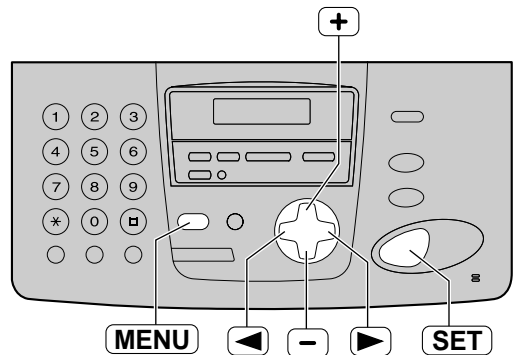
**3** Press **+** or **-** until the desired setting is displayed.

- This step may be slightly different depending on the feature.

**4** Press **SET**.

- The setting you selected is set, and the next feature will be displayed.

**5** To exit programming, press **MENU**.



### Programming by entering the program code number directly

You can select a feature by directly entering the program code (# and 2-digit number) instead of using **◀** or **▶** in step 2.

1. Press **MENU**.
2. Press **#** and the 2-digit code number.
3. Follow steps 3 to 5 above.

- See programming tables for code numbers (p. 80–87).

### To cancel programming

Press **MENU** to exit the program.

# Features Summary

## Basic features

### How to set menu options

1. Press **MENU**.
2. Press **◀** or **▶** until the desired feature is displayed.
3. Press **+** or **-** until the desired setting is displayed.
4. Press **SET**.
5. Press **MENU**.

**Note:**

- For features #01, #02 and #03, refer to the pages in the below table.
- Step 3 may be slightly different depending on the feature.
- See page 79 for more details.

### Programming table

Code	Feature & Display	Settings	How the unit operates
#01	<b>Setting the date and time</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">SET DATE &amp; TIME PRESS SET</div>	mm/dd/yy hh:mm (2 digits for each entry)	See page 17 for details.
#02	<b>Setting your logo</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">YOUR LOGO PRESS SET</div>	(Up to 30 characters)	See page 18 for details.
#03	<b>Setting your facsimile telephone number</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">YOUR FAX NO. PRESS SET</div>	(Up to 20 digits)	See page 20 for details.
#04	<b>Printing the sending report</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">SENDING REPORT MODE=ERROR [±]</div> To print and check the sending report for fax transmission results (p. 44).	<b>ERROR</b>	"ERROR": The sending report will be printed only when fax transmission fails. "ON": The sending report will be printed out after every transmission.
		ON	
		OFF	
#06	<b>Changing the ring setting in TAD/FAX mode</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">TAD RING COUNT RINGS=2 [±]</div> To change the number of rings before the unit answers a call in TAD/FAX mode.	1, 2, 3, 4	This setting is also available after activating TAD/FAX mode. See page 62 for details.
		TOLL SAVER	
		RINGER OFF	
#06	<b>Changing the ring setting in FAX ONLY mode</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">FAX RING COUNT RINGS=3 [±]</div> To change the number of rings before the unit answers a call in FAX ONLY mode.	1, 2, 3, 4	This setting is also available after activating FAX ONLY mode (p. 53).

(The default setting is in bold type.)



# Features Summary

Code	Feature & Display	Settings	How the unit operates
#10	<b>Changing the incoming message recording time</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> RECORDING TIME  MODE=VOX [ ± ] </div>	<b>VOX</b>	“VOX”: Unlimited “1 MIN”: Up to 1 minute
		1 MIN	
#11	<b>Setting the remote operation ID</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> REMOTE TAD ID  ID=111 </div>	<b>ID = 111</b>	1. Follow steps 1 and 2 on page 80. 2. Enter any 3-digit number except a number using 0 or 7. 3. Press <b>SET</b> . 4. Press <b>MENU</b> .
#13	<b>Setting the dialing mode</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> DIALING MODE  MODE=TONE [ ± ] </div> <p>If you cannot dial, change the setting depending on your telephone line service.</p>	<b>TONE</b>	“TONE”: For tone dial service. “PULSE”: For rotary pulse dial service.
		PULSE	
#16	<b>Setting the recording paper size</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> PAPER SIZE  =LETTER [ ± ] </div>	<b>LETTER</b>	“LETTER”: Letter or legal size paper = Paper width is 216 mm (8½") “A4”: A4 size paper = Paper width is 210 mm (8¼")
		A4	
#17	<b>Setting the ringer pattern</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> RINGER PATTERN  MODE=A [ ± ] </div>	<b>A</b>	You can select the ringer pattern. The selected ringer pattern will sound while setting.
		B	
		C	

(The default setting is in bold type.)

# Features Summary

## Advanced features

### How to set menu options

1. Press **MENU**.
2. Press **◀** or **▶** until the following is displayed,

Display: 

ADVANCED MODE PRESS SET
----------------------------

then press **SET** and press **◀** or **▶** until the desired feature is displayed.

3. Press **+** or **-** until the desired setting is displayed.
4. Press **SET**.
5. Press **MENU**.

**Note:**

- Step 3 may be slightly different depending on the feature.
- See page 79 for more details.

### Programming table

Code	Feature & Display	Settings	How the unit operates	
#22	<b>Setting the journal report to print automatically</b> <table border="1" style="margin-top: 10px;"> <tr> <td style="text-align: center;">AUTO JOURNAL MODE=ON [ ± ]</td> </tr> </table>	AUTO JOURNAL MODE=ON [ ± ]	ON	"ON": The unit will print the journal report automatically after every 30 new fax communications (p. 44).
		AUTO JOURNAL MODE=ON [ ± ]		
OFF				
#23	<b>Sending document overseas</b> <table border="1" style="margin-top: 10px;"> <tr> <td style="text-align: center;">OVERSEAS MODE MODE=ERROR [ ± ]</td> </tr> </table> If you have difficulty sending an overseas fax, activate this feature before starting transmission. This feature makes sending documents easier as the transmission speed is slowed down.	OVERSEAS MODE MODE=ERROR [ ± ]	NEXT FAX	"NEXT FAX": This setting is effective only for the next attempted fax transmission. After transmission, the unit will return to the previous setting. "ERROR": When the previous fax transmission fails and you redial the same number. • This feature is not available for broadcast transmission. • The calling charge may be higher.
		OVERSEAS MODE MODE=ERROR [ ± ]		
		ERROR		
OFF				
#25	<b>Sending a fax at a specified time</b> <table border="1" style="margin-top: 10px;"> <tr> <td style="text-align: center;">DELAYED SEND MODE=OFF [ ± ]</td> </tr> </table> This feature allows you to take advantage of low-cost calling hours offered by your telephone company. • The setting can be reserved to take place up to 24 hours in advance.	DELAYED SEND MODE=OFF [ ± ]	ON / fax no. / hh:mm	To send a document: 1. Insert the document. 2. Follow steps 1 and 2 above. 3. Press <b>+</b> or <b>-</b> to select "ON". 4. Press <b>SET</b> . 5. Enter the fax number. 6. Press <b>SET</b> . 7. Enter the transmission start time. Press <b>*</b> to select "AM" or "PM". 8. Press <b>SET</b> . 9. Press <b>MENU</b> . • To cancel after programming, press <b>STOP</b> then <b>SET</b> .
		DELAYED SEND MODE=OFF [ ± ]		
OFF				
#26	<b>Setting the Caller ID list to print automatically</b> <table border="1" style="margin-top: 10px;"> <tr> <td style="text-align: center;">AUTO CALL. LIST MODE=ON [ ± ]</td> </tr> </table>	AUTO CALL. LIST MODE=ON [ ± ]	ON	"ON": The unit will print the Caller ID list automatically after every 30 new calls (p. 35).
		AUTO CALL. LIST MODE=ON [ ± ]		
OFF				

(The default setting is in bold type.)

# Features Summary

Code	Feature & Display	Settings	How the unit operates																							
#30	<b>Changing the silent fax recognition ring setting</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">SILENT FAX RING RINGS=3 [±]</div> <p>To change the number of rings when the unit detects a phone call in TEL/FAX mode.</p>	3, 4, 5, 6	See pages 54 and 55 for details.																							
#31	<b>Setting the Distinctive Ring pattern</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">RING DETECTION MODE=B [±]</div>	A, B, C, D	See page 58 for details.																							
		OFF																								
#34	<b>Setting the quick scan</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">QUICK SCAN MODE=OFF [±]</div> <p>To scan the document into memory before sending/copying. This is helpful when you want to remove the document for other uses.</p>	ON	"ON": The unit will store the documents first and release them. ● If the document exceeds the memory capacity (p. 108), sending/copying will be canceled and this feature will be turned off automatically.																							
		OFF																								
#36	<b>Receiving other size documents</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">RCV REDUCTION MODE=92% [±]</div> <p>If the size of the document sent by the other party is as large as, or larger than the recording paper, the unit can reduce and print the document. Select the desired reduction rate.</p>	100%	<table border="1"> <thead> <tr> <th>Setting</th> <th>Recording paper</th> <th>Original document</th> </tr> </thead> <tbody> <tr> <td rowspan="2">100%</td> <td>Legal</td> <td>Letter, A4</td> </tr> <tr> <td>A4</td> <td>Letter</td> </tr> <tr> <td rowspan="3">92%</td> <td>Letter</td> <td>Letter</td> </tr> <tr> <td>Legal</td> <td>Legal</td> </tr> <tr> <td>A4</td> <td>A4</td> </tr> <tr> <td>86%</td> <td>Letter</td> <td>A4</td> </tr> <tr> <td rowspan="2">72%</td> <td>Letter</td> <td>Legal</td> </tr> <tr> <td>A4</td> <td>Legal</td> </tr> </tbody> </table>	Setting	Recording paper	Original document	100%	Legal	Letter, A4	A4	Letter	92%	Letter	Letter	Legal	Legal	A4	A4	86%	Letter	A4	72%	Letter	Legal	A4	Legal
		Setting		Recording paper	Original document																					
		100%		Legal	Letter, A4																					
				A4	Letter																					
		92%		Letter	Letter																					
				Legal	Legal																					
A4	A4																									
86%	Letter	A4																								
72%	Letter	Legal																								
	A4	Legal																								
92%																										
86%																										
72%																										

(The default setting is in bold type.)

# Features Summary

## Advanced features (cont.)

### How to set menu options

1. Press **MENU**.
2. Press **◀** or **▶** until the following is displayed,

Display: 

ADVANCED MODE PRESS SET
----------------------------

then press **SET** and press **◀** or **▶** until the desired feature is displayed.

3. Press **+** or **-** until the desired setting is displayed.
4. Press **SET**.
5. Press **MENU**.

**Note:**

- Step 3 may be slightly different depending on the feature.
- See page 79 for more details.

### Programming table (cont.)

Code	Feature & Display	Settings	How the unit operates	
#39	<b>Changing the display contrast</b> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">LCD CONTRAST MODE=NORMAL [±]</td></tr></table>	LCD CONTRAST MODE=NORMAL [±]	<b>NORMAL</b>	"NORMAL": For normal contrast "DARKER": Used when the display contrast is too light.
		LCD CONTRAST MODE=NORMAL [±]		
DARKER				
#41	<b>Changing the fax activation code</b> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">FAX ACTIVATION MODE=ON [±]</td></tr></table> If you use an extension telephone and wish to use it to receive a fax, activate this feature, and enter the code (p. 56).	FAX ACTIVATION MODE=ON [±]	<b>ON / CODE= * 9</b>	<ol style="list-style-type: none"> <li>1. Follow steps 1 and 2 above.</li> <li>2. Press <b>+</b> or <b>-</b> to select "ON".</li> <li>3. Press <b>SET</b>.</li> <li>4. Enter your code from 2 to 4 digits, using 0–9 and *.</li> <li>5. Press <b>SET</b>.</li> <li>6. Press <b>MENU</b>.</li> </ol> <ul style="list-style-type: none"> <li>• Do not enter "0000".</li> </ul>
		FAX ACTIVATION MODE=ON [±]		
OFF				
#42	<b>Setting the message alert</b> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">MESSAGE ALERT MODE=OFF [±]</td></tr></table> To alert you with beeps when a new voice message is recorded.	MESSAGE ALERT MODE=OFF [±]	ON	If you hear slow beeps, press <b>PLAY MESSAGES</b> and listen to recorded messages (p. 66). The beeps will stop.
		MESSAGE ALERT MODE=OFF [±]		
OFF				
#43	<b>Setting the recording time alert</b> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">REC. TIME ALERT MODE=OFF [±]</td></tr></table> To alert you with beeps when there is less than 60 seconds of remaining recording time.	REC. TIME ALERT MODE=OFF [±]	ON	If you hear slow beeps, erase the recorded messages (p. 66, 67, 74). The beeps will stop.
		REC. TIME ALERT MODE=OFF [±]		
OFF				

(The default setting is in bold type.)

# Features Summary

Code	Feature & Display	Settings	How the unit operates
#44	<b>Setting the memory reception alert</b> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">RECEIVE ALERT MODE=ON [ ± ]</div> To alert you with a beeping sound when a document which has been received is stored into memory due to some existing problem.	ON	If you are alerted by a slow beeping sound, clear the printing problem and make sure the unit is supplied with paper to print the stored document. The beeps will stop.
		OFF	
#46	<b>Setting the friendly reception</b> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">FRIENDLY RCV MODE=ON [ ± ]</div> To receive a fax automatically when you answer a call and hear a fax calling tone (slow beep).	ON	"ON": You do not have to press <b>FAX/START</b> for fax reception.
		OFF	
#47	<b>Setting the fax voice guidance</b> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">FAX GUIDANCE MODE=ON [ ± ]</div> If you wish to hear the voice guidance (see right) at each fax transmission/reception, set this feature to "ON". <ul style="list-style-type: none"> <li>● To hear the voice guidance only when fax transmission/reception fails, select "ERROR".</li> </ul>	ON	Voice guidance examples: <i>"Start transmission."</i> <i>"Transmission is complete."</i> <i>"Transmission has failed."</i> <i>"Transmission has been interrupted."</i> <i>"Start reception."</i> etc.
		OFF	
		ERROR	
#51	<b>Setting the mailbox 1 password</b> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">BOX1 PASSWORD ID=</div> If you wish to prevent other users from retrieving messages, program a password for mailbox 1.	ID=555	<ol style="list-style-type: none"> <li>1. Follow steps 1 and 2 on page 84.</li> <li>2. Enter a 3-digit number except a number using digits 0 or 7.</li> <li>3. Press <b>SET</b>.</li> <li>4. Press <b>MENU</b>.</li> </ol>
#52	<b>Setting the mailbox 2 password</b> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">BOX2 PASSWORD ID=</div> If you wish to prevent other users from retrieving messages, program a password for mailbox 2.	ID=555	<ol style="list-style-type: none"> <li>1. Follow steps 1 and 2 on page 84.</li> <li>2. Enter a 3-digit number except a number using digits 0 or 7.</li> <li>3. Press <b>SET</b>.</li> <li>4. Press <b>MENU</b>.</li> </ol>

(The default setting is in bold type.)

# Features Summary

## Advanced features (cont.)

### How to set menu options

1. Press **MENU**.

2. Press **◀** or **▶** until the following is displayed,

Display: 

ADVANCED MODE PRESS SET
----------------------------

then press **SET** and press **◀** or **▶** until the desired feature is displayed.

3. Press **+** or **-** until the desired setting is displayed.

4. Press **SET**.

5. Press **MENU**.

**Note:**

- Step 3 may be slightly different depending on the feature.
- See page 79 for more details.

### Programming table (cont.)

Code	Feature & Display	Settings	How the unit operates	
#54	<b>Changing the recording time for your own TAD/FAX greeting message</b> <table border="1" style="margin-top: 10px;"> <tr><td style="text-align: center;">GREETING TIME MODE=16s [ ± ]</td></tr> </table>	GREETING TIME MODE=16s [ ± ]	<b>16s</b>	"16s": Up to 16 seconds "60s": Up to 60 seconds • See page 63 for details.
		GREETING TIME MODE=16s [ ± ]		
60s				
#55	<b>Greeting message for mailbox 1</b> (checking, recording or erasing) <table border="1" style="margin-top: 10px;"> <tr><td style="text-align: center;">BOX1 GREETING CHECK [ ± ]</td></tr> </table>	BOX1 GREETING CHECK [ ± ]	<b>CHECK</b>	See page 73 for details.
		BOX1 GREETING CHECK [ ± ]		
		RECORD		
ERASE				
#56	<b>Greeting message for mailbox 2</b> (checking, recording or erasing) <table border="1" style="margin-top: 10px;"> <tr><td style="text-align: center;">BOX2 GREETING CHECK [ ± ]</td></tr> </table>	BOX2 GREETING CHECK [ ± ]	<b>CHECK</b>	See page 73 for details.
		BOX2 GREETING CHECK [ ± ]		
		RECORD		
ERASE				
#60	<b>Setting the message transfer</b> <table border="1" style="margin-top: 10px;"> <tr><td style="text-align: center;">MESSAGE TRANS. MODE=OFF [ ± ]</td></tr> </table> To transfer a recorded incoming message to another telephone (p. 77).	MESSAGE TRANS. MODE=OFF [ ± ]	<b>ON</b>	1. Follow steps 1 and 2 above. 2. Press <b>+</b> or <b>-</b> to select "ON". 3. Press <b>SET</b> . 4. Enter the transfer telephone number. 5. Press <b>SET</b> . 6. Press <b>MENU</b> . • This feature can be turned on/off from a remote location (p. 71).
		MESSAGE TRANS. MODE=OFF [ ± ]		
<b>OFF</b>				
#61	<b>Transfer greeting message</b> (checking, recording or erasing) <table border="1" style="margin-top: 10px;"> <tr><td style="text-align: center;">TRNS-GREETING CHECK [ ± ]</td></tr> </table>	TRNS-GREETING CHECK [ ± ]	<b>CHECK</b>	See page 78 for details.
		TRNS-GREETING CHECK [ ± ]		
		RECORD		
ERASE				

(The default setting is in bold type.)

# Features Summary

Code	Feature & Display	Settings	How the unit operates
#67	<b>Setting the incoming message monitor</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">ICM MONITOR MODE=ON [ ± ]</div> To hear an incoming message (ICM) from the speaker when the answering device is recording the message.	ON	If you select "OFF", you cannot monitor the incoming message.
		OFF	
#70	<b>Signaling your pager</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">PAGER CALL MODE=OFF [ ± ]</div> If you have a pager and wish to know when your unit receives a fax or an incoming message, activate this feature.	ON	See page 57 for details.
		OFF	
#76	<b>Setting the connecting tone</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">CONNECTING TONE MODE=ON [ ± ]</div> If you often have trouble when sending a fax, this feature allows you to hear connecting tones: fax tone, ring back tone and busy tone.	ON	You can confirm the status of the other party's machine. <ul style="list-style-type: none"> <li>• If the ring back tone continues, the other party's machine may not be a facsimile or may have run out of paper. Check with the other party.</li> <li>• The connecting tone volume cannot be adjusted.</li> </ul>
		OFF	
#77	<b>Changing the receive mode in the AUTO ANSWER setting</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">AUTO ANSWER MODE=TAD/FAX [ ± ]</div>	TAD/FAX	"TAD/FAX": Telephone Answering Device/Facsimile mode (p. 62)
		FAX ONLY	"FAX ONLY": Facsimile only mode (p. 53)
		TEL/FAX	"TEL/FAX": Telephone/Facsimile mode (p. 54, 55)
#78	<b>Changing the TEL/FAX delayed ring setting</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">TEL/FAX RING RINGS=2 [ ± ]</div> If you use an extension telephone in TEL/FAX mode, select the desired number of rings of the extension telephone.	1, 2, 3, 4	See pages 54 and 55 for details.
#80	<b>Resetting on advanced features to their default settings</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">SET DEFAULT RESET=NO [ ± ]</div>	YES	1. Follow steps 1 and 2 on page 86. 2. Press <b>[+]</b> or <b>[-]</b> to select "YES". 3. Press <b>[SET]</b> . 4. Press <b>[SET]</b> again. 5. Press <b>[MENU]</b> .
		NO	

(The default setting is in bold type.)

# Error Messages

## Reports

If your unit cannot send a fax, check the following:

- the number you dialed is correct,
- the other party's machine is a facsimile.

If the problem remains, correct it by following the communication message printed on the sending and journal reports (p. 44).

Communication message	Error code	Cause & solution
COMMUNICATION ERROR	40–42 46–52 58, 65 68, 72 FF	● A transmission or reception error occurred. Try again or check with the other party.
	43 44	● A line problem occurred. Connect the telephone line cord to a different jack and try again. ● An overseas transmission error occurred. Try using the overseas mode of feature #23 (p. 82).
DOCUMENT JAMMED	—	● The document is jammed. Remove the jammed document (p. 100).
ERROR-NOT YOUR UNIT	54 59 70	● A transmission or reception error occurred because of a problem with the other party's fax machine. Check with the other party.
MEMORY FULL	—	● The document was not received due to memory being full.
NO DOCUMENT	—	● The document was not fed into the unit properly. Reinsert the document and try again.
OTHER FAX NOT RESPOND	—	● The other party's fax machine is busy or has run out of recording paper. Try again. ● The document was not fed properly. Reinsert the document and try again. ● The other party's fax machine rings too many times. Send the fax manually – dial the number, confirm the fax tone, and press <b>FAX/START</b> . ● The other party's machine is not a facsimile. Check with the other party. ● The number you dialed is not in service.
PRESSED THE STOP KEY	—	● <b>STOP</b> was pressed and fax communication was canceled.
OK	—	● Fax communication was successful.



## Display

If the unit detects a problem, one or more of the following messages will appear on the display.

### Base unit

Display message	Cause & solution
CALL SERVICE CALL SERVICE2	<ul style="list-style-type: none"> <li>There is something wrong with the unit. Contact our service personnel.</li> </ul>
CHECK DOCUMENT	<ul style="list-style-type: none"> <li>The document was not fed into the unit properly. Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers (p. 102) and try again.</li> </ul>
CHECK MEMORY	<ul style="list-style-type: none"> <li>Memory (telephone numbers, parameters, etc.) has been erased. Re-program.</li> </ul>
CHECK PAPER	<ul style="list-style-type: none"> <li>The recording paper is not installed or the unit has run out of paper. Install paper and press <b>SET</b> to clear the message.</li> <li>The recording paper is not fed into the unit properly. Reinstall paper (p. 15) and press <b>SET</b> to clear the message.</li> <li>The recording paper has jammed near the recording paper entrance. Clear the jammed paper (p. 98) and press <b>SET</b> to clear the message. Do not install folded or heavily curled paper.</li> </ul>
COVER OPEN ↕ CHECK FILM	<ul style="list-style-type: none"> <li>The covers are open. Close them.</li> <li>The ink film is empty. Replace the ink film with a new one (p. 12).</li> <li>The ink film is not installed. Install it (p. 12).</li> <li>The ink film is slack. Tighten it (see step 7 on page 13).</li> </ul>
DIRECTORY FULL	<ul style="list-style-type: none"> <li>There is no space to store new items in the directory. Erase unnecessary items (p. 33).</li> </ul>
FAX IN MEMORY	<ul style="list-style-type: none"> <li>The unit has a document in memory. See the other displayed message instructions to print out the document.</li> </ul>
FAX MEMORY FULL	<ul style="list-style-type: none"> <li>The memory is full of received documents due to a lack of recording paper or a recording paper jam. Install paper or clear the jammed paper.</li> <li>When performing memory transmission, the document being stored exceeds the memory capacity of the unit. Transmit the entire document manually.</li> </ul>
MEMORY FULL	<ul style="list-style-type: none"> <li>When making a copy, the document being stored exceeds the memory capacity of the unit. Press <b>STOP</b> to clear the message. Divide the document into sections.</li> </ul>

(continued)

# Error Messages


Display message	Cause & solution
MESSAGE FULL	<ul style="list-style-type: none"> <li>There is no room left in memory to record a voice message. Erase unnecessary messages (p. 66, 67, 74).</li> </ul>
MODEM ERROR	<ul style="list-style-type: none"> <li>There is something wrong with the modem circuit. Contact our service personnel.</li> </ul>
NO FAX REPLY	<ul style="list-style-type: none"> <li>The other party's fax machine is busy or has run out of recording paper. Try again.</li> </ul>
PAPER JAMMED	<ul style="list-style-type: none"> <li>A recording paper jam occurred. Clear the jammed paper (p. 98).</li> </ul>
PLEASE WAIT	<ul style="list-style-type: none"> <li>The unit is checking that there is no slack on the ink film. Wait for a while.</li> </ul>
REDIAL TIME OUT	<ul style="list-style-type: none"> <li>The other party's fax machine is busy or has run out of recording paper. Try again.</li> </ul>
REMOVE DOCUMENT	<ul style="list-style-type: none"> <li>The document is jammed. Remove the jammed document (p. 100).</li> <li>Attempted to transmit a document longer than 600 mm. Press <b>STOP</b> to remove the document. Divide the document into two or more sheets and try again.</li> </ul>
TRANSMIT ERROR	<ul style="list-style-type: none"> <li>A transmission error occurred. Try again.</li> </ul>
UNIT OVERHEATED	<ul style="list-style-type: none"> <li>The unit is too hot. Let the unit cool down.</li> </ul>

## Handset

Display message	Cause & solution
No link to base Place on cradle and try again.	<ul style="list-style-type: none"> <li>The handset is too far from the base unit. Move closer and try again.</li> <li>Place the handset on the base unit and try again.</li> <li>The power cord is disconnected. Plug in the power cord.</li> </ul>
Save error	<ul style="list-style-type: none"> <li>While programming, the handset lost communication with the base unit. Move closer to the base unit.</li> </ul>
Please lift up and try again	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> or <input checked="" type="checkbox"/> was pressed while the handset was on the base unit. Lift the handset and press <input checked="" type="checkbox"/> or <input checked="" type="checkbox"/> again.</li> </ul>
Not available	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> , <input checked="" type="checkbox"/> , <b>PLAYBACK</b> or <b>INTERCOM</b> was pressed while the base unit was not in the stand-by mode.</li> </ul>

## When a function does not work, check here before requesting help

### General

Problem	Cause & solution
I cannot make and receive calls.	<ul style="list-style-type: none"> <li>● The power cord or telephone line cord is not connected. Check the connections (p. 16).</li> <li>● If you used a splitter to connect the unit, remove the splitter and connect the unit to the wall jack directly. If the unit operates properly, check the splitter.</li> </ul>
I cannot make calls.	<ul style="list-style-type: none"> <li>● The dialing mode setting is wrong. Change the setting of feature #13 (p. 81).</li> </ul>
The unit does not work.	<ul style="list-style-type: none"> <li>● Disconnect the unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company.</li> </ul>
The unit does not ring.	<ul style="list-style-type: none"> <li>● The ringer volume is set to off. Adjust it (p. 23, 24).</li> <li>● The ring setting of feature #06 is set to "RINGER OFF". Change to another ring setting (p. 80).</li> </ul>
The unit displays the following though the paper is inserted. 	<ul style="list-style-type: none"> <li>● The paper is inserted halfway. Insert it correctly (p. 15) and press <b>SET</b> to clear the message.</li> </ul>
The other party complains they only hear a fax tone and cannot talk.	<ul style="list-style-type: none"> <li>● FAX ONLY mode is set. Tell the other party the number is only used for faxes.</li> <li>● Change to TAD/FAX mode (p. 62), TEL mode (p. 52) or TEL/FAX mode (p. 54).</li> <li>● If you use a distinctive ring service, turn AUTO ANSWER off so that the fax machine is in TEL mode.</li> <li>● If you use a distinctive ring service, make sure you have set the same ring pattern assigned by the telephone company (p. 58).</li> </ul>
The <b>REDIAL/PAUSE</b> button does not function properly.	<ul style="list-style-type: none"> <li>● If this button is pressed during dialing, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialed will be redialed.</li> </ul>
The receive mode does not function properly.	<ul style="list-style-type: none"> <li>● A Distinctive Ring pattern of feature #31 is set (p. 58).</li> <li>● TEL/FAX mode is set (p. 54, 55).</li> </ul>
During programming, I cannot enter the code, ID number or password.	<ul style="list-style-type: none"> <li>● All or part of the numbers are the same. Change the number: feature #11 (p. 81), #41 (p. 84), #51 and #52 (p. 85).</li> </ul>
The ink film runs out quickly.	<ul style="list-style-type: none"> <li>● The HELP printing function, copy function, and reports also use ink film.</li> </ul>
The unit beeps.	<ul style="list-style-type: none"> <li>● Recording paper or ink film has run out. Press <b>STOP</b> to stop the beeps and install paper/ink film.</li> </ul>

(continued)

# Operations

## General (cont.)







Problem	Cause & solution
Whenever I try to retrieve my voice mail messages, the retrieval is interrupted by the fax tone.	<ul style="list-style-type: none"> <li>You are probably entering *98 or *99 to retrieve your messages. *9 is the default setting for the fax activation code. If you use a voice mail service, set the fax activation feature to off or reprogram the activation code (feature #41 on page 84).</li> </ul>
The speakerphone is not working.	<ul style="list-style-type: none"> <li>Use the speakerphone in a quiet room.</li> <li>If you have difficulty hearing the other party, adjust the volume using <b>+</b> or <b>-</b>.</li> </ul>
The <b>LOCATOR/INTERCOM</b> button does not function.	<ul style="list-style-type: none"> <li>The handset is too far from the base unit.</li> <li>The handset is engaged in an outside call.</li> </ul>
While having an intercom call, a series of tones is heard.	<ul style="list-style-type: none"> <li>Someone is calling you from outside. Press <b>TALK</b> or <b>DIGITAL SP-PHONE</b> to answer the outside call. The intercom call will be terminated.</li> </ul>

## Cordless handset

Problem	Cause & solution
The handset does not work.	<ul style="list-style-type: none"> <li>Make sure that the battery is installed correctly (p. 101).</li> <li>Charge the battery fully (p. 22).</li> <li>Clean the charge contacts and charge again (p. 22).</li> </ul>
The handset does not ring.	<ul style="list-style-type: none"> <li>The ringer volume is set to off. Press <b>LOUD/RINGER</b> (p. 23).</li> </ul>
The display shows the following and an alarm tone sounds when I press <b>TALK</b> / <b>REMOTE SP</b> / <b>INTERCOM</b> or <b>PLAYBACK</b> . <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">             No link to base Place on cradle and try again.           </div>	<ul style="list-style-type: none"> <li>The handset is too far from the base unit. Move closer and try again.</li> <li>Place the handset on the base unit and try again.</li> <li>The power cord is disconnected. Plug in the power cord.</li> </ul>
Static, sound cuts in/out, fades. Interference from other electrical units.	<ul style="list-style-type: none"> <li>Locate the handset and the base unit away from electrical appliances.</li> <li>Move closer to the base unit.</li> <li>Press <b>CH</b> to select a clear channel.</li> <li>Raise the base unit antenna.</li> </ul>
The handset stops working while being used.	<ul style="list-style-type: none"> <li>Place the handset on the base unit, and disconnect the power cord to reset the unit. Connect the power cord, and try again.</li> </ul>

(continued)

## Cordless handset (cont.)

Problem	Cause & solution
<b>I cannot store a telephone number in the handset memory.</b>	<ul style="list-style-type: none"> <li>● You cannot store a number while the unit is in the talk or intercom mode.</li> <li>● Do not pause for over 60 seconds while storing a number.</li> </ul>
<b>While storing a telephone number in the handset, it starts to ring.</b>	<ul style="list-style-type: none"> <li>● To answer a call, press <b>TALK</b>. The program will be canceled. Store the number again.</li> </ul>
<b>I cannot redial by pressing <b>REDIAL/PAUSE</b>.</b>	<ul style="list-style-type: none"> <li>● If the last number dialed was more than 32 digits long, the number will not be redialed.</li> </ul>
<b>The handset beeps intermittently and/or the following is displayed.</b> <div data-bbox="156 635 423 730" style="border: 1px solid black; padding: 5px; margin: 10px 0;">           Recharge  </div>	<ul style="list-style-type: none"> <li>● Charge the battery fully (p. 22).</li> </ul>
<b>I charged the battery fully, but the following is still displayed.</b> <div data-bbox="156 823 423 917" style="border: 1px solid black; padding: 5px; margin: 10px 0;">           Recharge  </div>	<ul style="list-style-type: none"> <li>● Clean the charge contacts and charge again (p. 22).</li> <li>● It is time to replace the battery (p. 101).</li> </ul>
<b>I cannot receive documents by pressing <b>FAX</b> on the handset.</b>	<ul style="list-style-type: none"> <li>● Press <b>FAX</b> until a single beep is heard.</li> </ul>
<b>The handset display is blank.</b>	<ul style="list-style-type: none"> <li>● The handset is in the stand-by mode. Press  or  to turn the display on.</li> </ul>
<b>The handset display is still blank after pressing  or .</b>	<ul style="list-style-type: none"> <li>● Charge the battery fully (p. 22).</li> </ul>
<b>The handset display goes to the stand-by mode while viewing the caller information.</b>	<ul style="list-style-type: none"> <li>● Do not pause for over 60 seconds while searching.</li> <li>● <b>DIGITAL SP-PHONE</b> was pressed.</li> </ul>

# Operations

## Fax – sending

Problem	Cause & solution
I cannot send documents.	<ul style="list-style-type: none"> <li>● The other party's fax machine is busy or has run out of recording paper. Try again.</li> <li>● The other party's machine is not a facsimile. Check with the other party.</li> <li>● The other party's fax machine rings too many times. Send a fax manually – dial the number, confirm the fax tone, then press <b>FAX/START</b>.</li> </ul>
The other party complains that letters on their received document are distorted or not clear.	<ul style="list-style-type: none"> <li>● If your line has special telephone services such as call waiting, the service may have been activated during fax transmission. Connect the unit to a line that does not have these services.</li> <li>● The extension telephone on the same line is off the hook. Hang up the extension telephone and try again.</li> <li>● Try copying the document. If the copied image is clear, there may be something wrong with the other party's machine.</li> </ul>
The other party complains that dirty patterns or black lines appear on their received document.	<ul style="list-style-type: none"> <li>● The glass or rollers are dirty. Clean them (p. 102).</li> </ul>
I cannot send a fax overseas.	<ul style="list-style-type: none"> <li>● Use the overseas transmission mode of feature #23 (p. 82).</li> <li>● Add two pauses at the end of the telephone number or dial manually.</li> </ul>

## Fax – receiving

Problem	Cause & solution
I cannot receive documents automatically.	<ul style="list-style-type: none"> <li>● The receive mode is set to TEL mode. Set to TAD/FAX mode (p. 62), FAX ONLY mode (p. 53) or TEL/FAX mode (p. 54).</li> <li>● The time taken to answer the call is too long. Decrease the number of rings: feature #06 (p. 80), #30 (p. 83) and #78 (p. 87).</li> <li>● The greeting message is too long. Shorten the message (p. 63).</li> </ul>
The display shows the following, but faxes are not received.  CONNECTING.....	<ul style="list-style-type: none"> <li>● The incoming call is not a fax. Change the receive mode to TEL mode (p. 52) or TAD/FAX mode (p. 62).</li> </ul>
A blank sheet is ejected.	<ul style="list-style-type: none"> <li>● If a blank sheet is ejected after the received document is printed out, the receiving reduction rate is not programmed correctly. Program the proper rate in feature #36 (p. 83).</li> <li>● The other party placed the document in their fax machine the wrong way. Check with the other party.</li> </ul>

(continued)

## Fax – receiving (cont.)


Problem	Cause & solution
A white line or a dirty pattern appears on your recording paper.	<ul style="list-style-type: none"> <li>● The glass or rollers are dirty. Clean them (p. 102).</li> </ul>
The printing quality is poor.	<ul style="list-style-type: none"> <li>● The other party sent a faint document. Ask them to send a clearer copy of the document.</li> <li>● The thermal head is dirty. Clean it (p. 103).</li> <li>● Some paper has instructions recommending which side to print on. Try turning the paper over.</li> <li>● You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. We recommend smooth paper such as Hammermill Jet Print for clearer printing.</li> </ul>
I cannot receive documents by pressing <b>FAX</b> on the handset.	<ul style="list-style-type: none"> <li>● Press <b>FAX</b> until a single beep is heard.</li> </ul>
The other party complains that they cannot send a document.	<ul style="list-style-type: none"> <li>● The memory is full of received documents due to a lack of recording paper or a recording paper jam. Install paper (p. 15) or clear the jammed paper (p. 98).</li> </ul>

## Receive mode

Problem	Cause & solution
I cannot select the desired receive mode.	<ul style="list-style-type: none"> <li>● If you want to set TAD/FAX, FAX ONLY or TEL/FAX mode:               <ul style="list-style-type: none"> <li>— select the desired mode using feature #77 (p. 87), and</li> <li>— press <b>AUTO ANSWER</b> to turn ON the arrow (▼) on the right of the display.</li> </ul> <p style="text-align: right;">Display: <input style="width: 150px; height: 25px;" type="text"/> ▼ ON</p> </li> <li>● If you want to set TEL mode:               <ul style="list-style-type: none"> <li>— press <b>AUTO ANSWER</b> to turn OFF the arrow (▼) on the right of the display.</li> </ul> <p style="text-align: right;"><input style="width: 150px; height: 25px;" type="text"/> ON</p> </li> </ul>
The other party complains that they cannot send a document.	<ul style="list-style-type: none"> <li>● The unit is not in AUTO ANSWER mode. Press <b>AUTO ANSWER</b> to turn ON the arrow (▼) on the right of the display.</li> </ul> <p style="text-align: right;"><input style="width: 150px; height: 25px;" type="text"/> ▼ ON</p>

# Operations

## Copying

Problem	Cause & solution
The unit does not make a copy.	<ul style="list-style-type: none"><li>● You cannot make a copy during programming. Make the copy after programming or stop programming.</li></ul>
A black line, a white line or a dirty pattern appears on the copied document.	<ul style="list-style-type: none"><li>● The glass or rollers are dirty. Clean them (p. 102).</li></ul>
The copied image is distorted.	<ul style="list-style-type: none"><li>● The thermal head is dirty. Clean it (p. 103).</li></ul>
The printing quality is poor. Original                  Copy 	<ul style="list-style-type: none"><li>● Some paper has instructions recommending which side to print on. Try turning the paper over.</li><li>● You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. We recommend smooth paper such as Hammermill Jet Print for clearer printing.</li></ul>

## Answering device

Problem	Cause & solution
I cannot retrieve recorded messages from a remote location.	<ul style="list-style-type: none"><li>● Press the remote operation ID correctly and firmly (p. 70).</li></ul>
Messages in the mailbox do not play back.	<ul style="list-style-type: none"><li>● The mailbox password is wrong. Enter the correct password.<ul style="list-style-type: none"><li>— For mailbox 1 password, see feature #51 on page 85.</li><li>— For mailbox 2 password, see feature #52 on page 85.</li></ul></li></ul>
The other party complains that they cannot leave a voice message.	<ul style="list-style-type: none"><li>● The memory is full. Erase unnecessary messages (p. 66, 67, 74).</li></ul>
While operating the answering device from the handset, a series of tones is heard.	<ul style="list-style-type: none"><li>● Someone is calling you from outside. Press <b>TALK</b> to answer the outside call. The remote operation will be terminated.</li></ul>
I cannot operate the answering device with the handset.	<ul style="list-style-type: none"><li>● Someone is operating the answering device.</li><li>● You are too far from the base unit. Move closer.</li></ul>



## If a power failure occurs --- --- ---

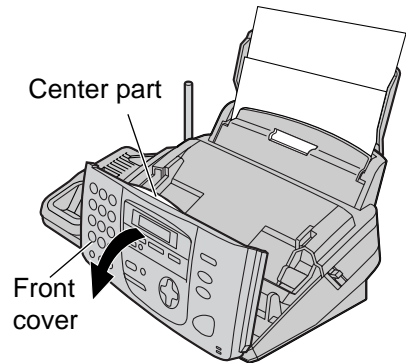
- The unit will not function.
- The unit is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to emergency services.
- Fax transmission and reception will be interrupted.
- If delayed transmission of feature #25 (p. 82) is programmed and the start time has passed during a power failure, transmission will be attempted soon after power is restored.
- If fax documents are stored in memory, they will be lost. When power is restored, a power down report will be printed out stating which contents in memory have been erased.

## Recording paper jam

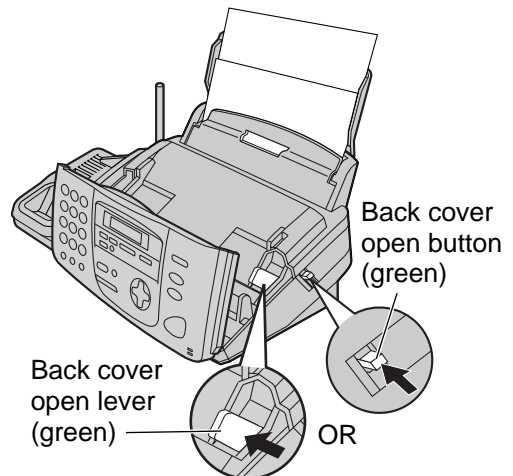
If the unit does not eject any recording paper during fax reception or copying, the recording paper has jammed and the display will show the following.

Display: PAPER JAMMED

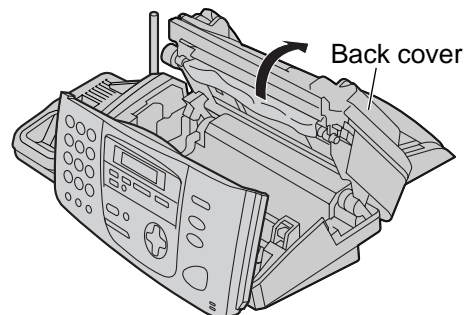
- 1 Open the front cover by pulling up the center part.
  - If the handset is on the cradle, take it off before opening the cover.



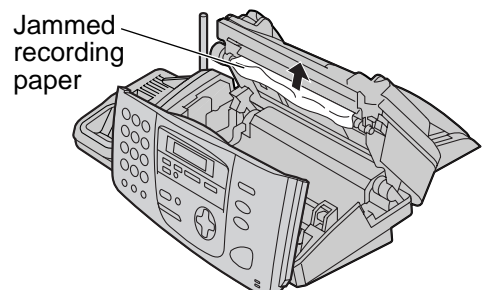
- 2 Push the back cover open button (green) on the right side of the unit.  
OR  
Push the back cover open lever (green) inside of the unit.



- 3 Open the back cover.



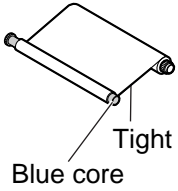
- 4 Remove the jammed recording paper.



**5** Turn the "T" shaped gear (blue) in the direction of the arrow.

- Make sure that the ink film is wrapped around the blue core at least once.

**Correct**



**Incorrect**



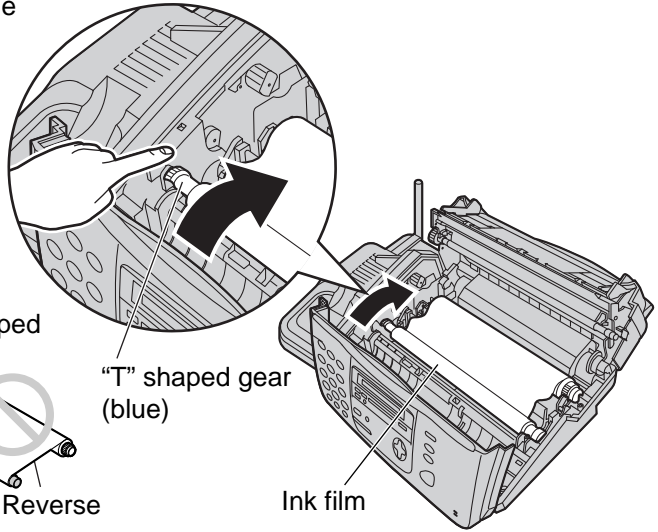
The ink film is not wrapped around the blue core.



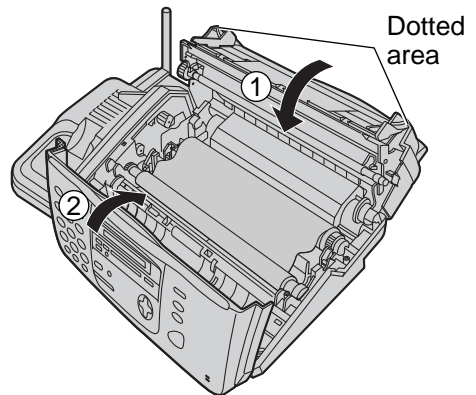
Slack



Reverse



**6** Close the back cover securely by pushing down on the dotted area at both ends (①). Close the front cover securely (②).



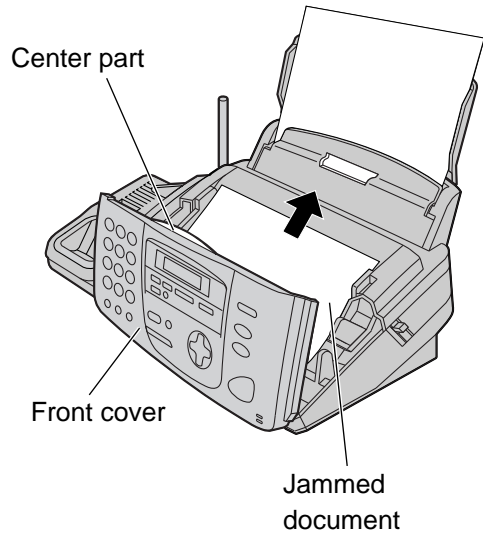
## Document jams – sending

If the unit does not release the document during feeding, remove the jammed document as follows.

- 1** Open the front cover by pulling up the center part.
- 2** Remove the jammed document carefully.
- 3** Close the front cover securely.

**Note:**

- Do not pull out the jammed paper forcibly before opening the front cover.

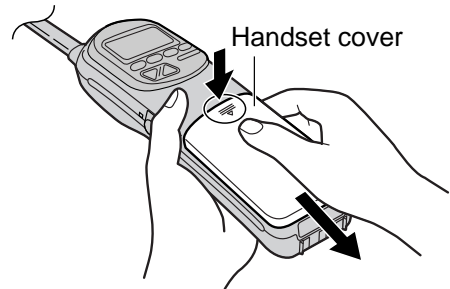


## Replacing the handset battery

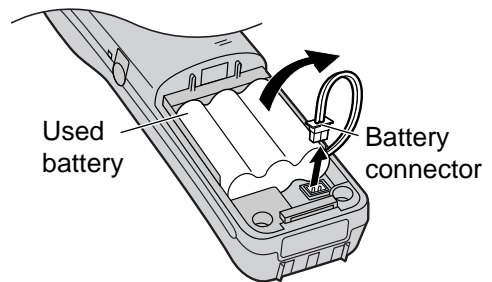
Replace the battery with a new **Panasonic rechargeable battery Model No. P-P504**. See page 8 for accessory information.

**To prevent memory loss, replace the battery within 3 minutes.**

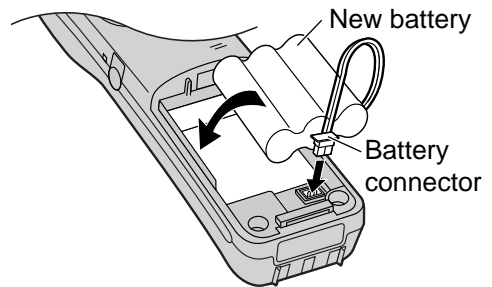
- 1** Press down on the arrow and slide the handset cover.



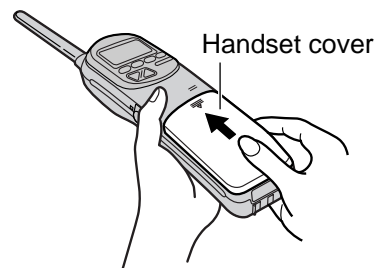
- 2** Disconnect the battery connector and remove the used battery.



- 3** Connect the battery connector of the new battery, and insert the battery into the handset.



- 4** Replace the handset cover on the handset.
  - Be sure to charge the new battery for about **4 hours** (p. 22).



### Attention:

- A nickel cadmium battery that is recyclable powers the product you have purchased. At the end of its useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-8-BATTERY for information on how to recycle this battery.

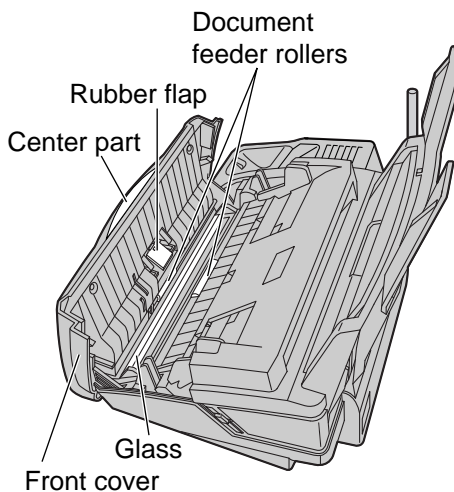
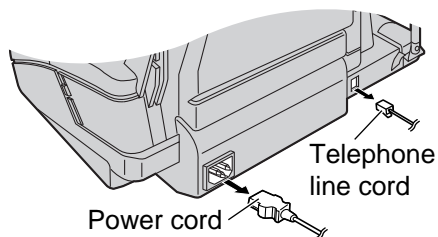


# Cleaning

## Document feeder

If misfeeding occurs frequently or if dirty patterns or black bands appear on a transmitted document or on the original of a copied document, clean the document feeder.

- 1** Disconnect the power cord and the telephone line cord.
- 2** Open the front cover by pulling up the center part.
  - If the handset is on the cradle, take it off before opening the cover.
- 3** Clean the document feeder rollers and rubber flap with a cloth moistened with isopropyl rubbing alcohol, and let all parts dry thoroughly.
- 4** Clean the glass with a soft dry cloth.
- 5** Close the front cover securely.
- 6** Connect the power cord and the telephone line cord.



### Caution:

- Do not use paper products, such as paper towels or tissues, to clean the inside of the unit.

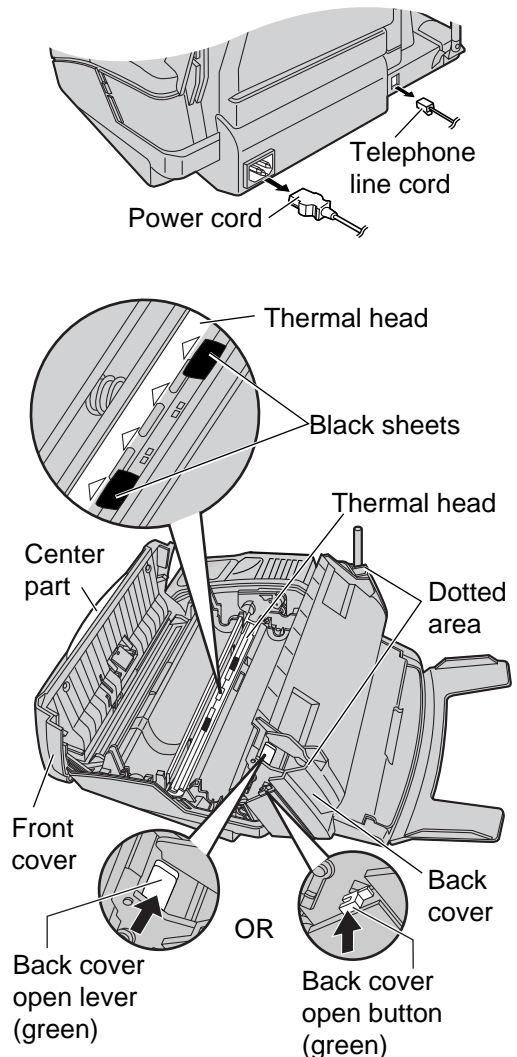
## Thermal head

If dirty patterns or black or white bands appear on a copied or received document, check whether there is dust on the thermal head and clean the thermal head to remove the dust.

- 1** Disconnect the power cord and the telephone line cord.
- 2** Open the front cover by pulling up the center part.
  - If the handset is on the cradle, take it off before opening the cover.
- 3** Open the back cover by pushing the back cover open button (green) or pushing the back cover open lever (green).
- 4** Clean the thermal head with a cloth moistened with isopropyl rubbing alcohol, and let it dry thoroughly.
  - **Do not touch the black sheets on the thermal head.**
- 5** Close the back cover securely by pushing down on the dotted area at both ends. Close the front cover securely.
- 6** Connect the power cord and the telephone line cord.

### Caution:

- **To prevent malfunction due to static electricity, do not use a dry cloth and do not touch the thermal head directly.**



# Printed Reports

## Reference lists and reports

You can print out the following lists and reports for your reference.

**Setup list:** provides you with the current settings of the basic and advanced programming features (p. 80–87).

**Telephone number list:** provides you with names and telephone numbers which are stored in the directory.

**Journal report:** keeps records of fax transmission and reception. This report will be printed automatically after every 30 fax communications (p. 44).

**Printer test list:** allows you to check the print quality of your unit. If the test print has a dirty pattern, or blurred points or lines, clean the thermal head (p. 103).

**Broadcast programming list:** provides you with items which are stored in the broadcast feature (p. 46).

**Caller ID list:** keeps records of the last 30 callers after subscribing to a Caller ID service. This report will be printed automatically after every 30 callers (p. 35).

**1** Press **MENU** until the following is displayed.

Display: PRINT REPORT  
PRESS NAVI. [◀ ▶]

**2** Press **◀** or **▶** until the desired item is displayed.

SETUP LIST  
PRESS SET

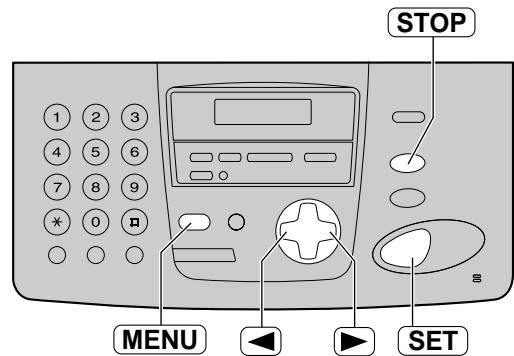
TEL NO. LIST  
PRESS SET

JOURNAL REPORT  
PRESS SET

PRINTER TEST  
PRESS SET

BROADCAST LIST  
PRESS SET

CALLER ID LIST  
PRESS SET



**3** Press **SET** to start printing.

PRINTING

- To stop printing, press **STOP**.
- After printing, the printed item will be displayed.

**4** Press **MENU**.



## List of FCC requirements and information

If required by the telephone company, inform them of the following.

- FCC Registration No.:  
(found on the rear of the unit)
- Ringer Equivalence No.:  
(found on the rear of the unit)
- The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

### Ringer Equivalence Number (REN):

This REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

- a) Promptly notify the customer.
- b) Give the customer an opportunity to correct the problem with their equipment.
- c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or

alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

### CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours; such as early morning or late evenings.

This telephone provides magnetic coupling to hearing aids.

### NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

# Limited Warranty

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Have any questions? CALL 1-800-HELP-FAX (1-800-435-7329) on:  
operating the unit, getting repair service, and/or getting supplies.

**Panasonic Consumer Electronics Company,  
Division of Matsushita Electric Corporation  
of America**

One Panasonic Way,  
Secaucus, New Jersey 07094

**Panasonic Sales Company,  
Division of Matsushita Electric of  
Puerto Rico, Inc.**

Ave. 65 de Infantería, Km. 9.5, San Gabriel  
Industrial Park, Carolina, Puerto Rico 00985

## PANASONIC Facsimile Products Limited Warranty

In the event of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor"), will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for 6-month limited warranty from the date of original purchase.

**This Limited Warranty Excludes both Labor and Parts for:** batteries, antennas, ink film, toner cartridge, drum unit, ink cartridge and cosmetic parts (cabinet).

Carry-in or mail-in service in the USA can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call, toll free, 1-800-HELP-FAX (1-800-435-7329) to locate a PASC Factory Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in material or workmanship which occur during normal use. The inability of this product to interface with any specific computer is not a manufacturing defect and is outside of the scope of this Limited Warranty. In no event shall the warrantor be liable by reason of such incompatibility. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor such as non Panasonic ink film, toner cartridge or drum unit, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, lightning damage, signal reception problems, rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

### **LIMITS AND EXCLUSIONS**

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above.

### **For product service**

- Servicenters are listed on next page.
- Call toll-free 1-800-HELP-FAX (1-800-435-7329) for the location of an authorized servicenter.
- After the warranty has expired, please contact our Continued Services Technical Support Line at 1-900-555-PANA (1-900-555-7262). If you have difficulty reaching this number, it may be blocked by your phone company. Please contact your local phone company to correct this.

### **When you ship the product**

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom or problem, to the outside of the carton.
- Send the unit to an authorized servicenter, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company or to any executive or regional sales offices. These locations do not repair consumer products.

## Servicenter directory

To obtain technical support within the warranty period or product service, please contact: 1-800-HELP-FAX (1-800-435-7329), Monday-Friday 9am-8pm EST.

To obtain continued technical support after the warranty has expired, please contact: 1-900-555-PANA (1-900-555-7262) for support on a fee basis.

Web Site: [www.panasonic.com](http://www.panasonic.com)

(for customers in the USA or Puerto Rico ONLY)

You can purchase parts, accessories or locate your nearest servicenter by visiting our Web Site.

### Factory Servicenter Locations

<p><b>CALIFORNIA</b> 6550 Katella Avenue Cypress, CA 90630</p> <p>800 Dubuque Avenue S. San Francisco, CA 94080</p> <p>3878 Ruffin Road Suite A San Diego, CA 92123</p> <p><b>FLORIDA</b> 3700 North 29<sup>th</sup> Avenue Suite 102 Hollywood, FL 33020</p>	<p><b>GEORGIA</b> 8655 Roswell Road Suite 100 Atlanta, GA 30350</p> <p><b>ILLINOIS</b> 1709 North Randall Road Elgin, IL 60123</p> <p><b>MASSACHUSETTS</b> 60 Glacier Drive Suite G Westwood, MA 02090</p>	<p><b>MINNESOTA</b> 7850-12<sup>th</sup> Avenue South Airport Business Center Bloomington, MN 55425</p> <p><b>OHIO</b> 2236 Waycross Road Civic Center Plaza Forest Park, OH 45240</p> <p><b>PENNSYLVANIA</b> 2221 Cabot Blvd. West Suite B Langhorne, PA 19047</p>	<p><b>TEXAS</b> 13615 Welch Road Suite 101 Farmers Branch, TX 75244</p> <p><b>WASHINGTON</b> 20425-84<sup>th</sup> Avenue South Kent, WA 98032</p> <p><b>HAWAII</b> 99-859 Iwaiwa Street Aiea, Hawaii 96701 Phone (808) 488-1996 Fax (808) 486-4369</p>
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### Service in Puerto Rico

Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company / Factory Servicenter:  
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985  
Phone (787) 750-4300 Fax (787) 768-2910

# Specifications

## Technical data about this product

### ■ Base Unit

<b>Applicable Lines:</b>	Public Switched Telephone Network
<b>Document Size:</b>	Max. 216 mm (8½") in width / Max. 600 mm (23⅝") in length
<b>Effective Scanning Width:</b>	208 mm (8⅜")
<b>Recording Paper Size:</b>	Letter: 216 mm x 279 mm (8½" x 11") Legal: 216 mm x 356 mm (8½" x 14") A4: 210 mm x 297 mm (8¼" x 11⅞")
<b>Effective Printing Width:</b>	208 mm (8⅜")
<b>Transmission Time*:</b>	Approx. 9 s/page (Original mode)**
<b>Scanning Density:</b>	Horizontal: 8 pels/mm (203 pels/inch) Vertical: 3.85 lines/mm (98 lines/inch) –STANDARD 7.7 lines/mm (196 lines/inch) –FINE/PHOTO 15.4 lines/mm (392 lines/inch) –SUPER FINE
<b>Halftone Level:</b>	64-level
<b>Scanner Type:</b>	Contact Image Sensor (CIS)
<b>Printer Type:</b>	Thermal Transfer on plain paper
<b>Data Compression System:</b>	Modified Huffman (MH), Modified READ (MR), Modified Modified READ (MMR)
<b>Modem Speed:</b>	14,400 / 12,000 / 9,600 / 7,200 / 4,800 / 2,400 bps; Automatic Fallback
<b>Operating Environment:</b>	5 °C – 35 °C (41 °F – 95 °F), 20% – 80% RH (Relative Humidity)
<b>Dimensions (H x W x D):</b>	Approx. 185 mm x 378 mm x 285 mm (7⅝" x 14⅞" x 11⅞")
<b>Mass (Weight):</b>	Approx. 3.5 kg (7.7 lb.)
<b>Power Consumption:</b>	Standby: Approx. 8.3 W Transmission: Approx. 20 W Reception: Approx. 42 W (When receiving a 20% black document) Copy: Approx. 42 W (When copying a 20% black document) Maximum: Approx. 135 W (When copying a 100% black document)
<b>Power Supply:</b>	120 V AC, 60 Hz
<b>Fax Memory Capacity:</b>	Approx. 25 pages of memory transmission Approx. 28 pages of memory reception (Based on the ITU-T No. 1 Test Chart in standard resolution.)
<b>Voice Memory Capacity***:</b>	Approx. 18 minutes of recording time including greeting messages

### ■ Handset

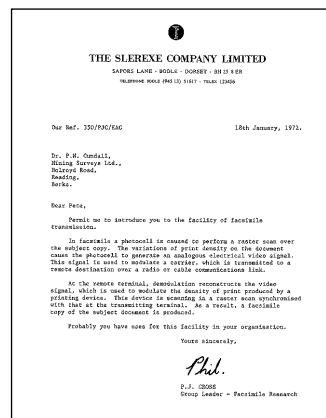
<b>Operating Environment:</b>	5 °C – 35 °C (41 °F – 95 °F), 20% – 80% RH (Relative Humidity)
<b>Dimensions (H x W x D):</b>	Approx. 45 mm x 55 mm x 271 mm (1 <sup>25</sup> / <sub>32</sub> " x 2 <sup>5</sup> / <sub>32</sub> " x 10 <sup>11</sup> / <sub>16</sub> " )
<b>Mass (Weight):</b>	Approx. 260 g (0.6 lb.)
<b>Power Supply:</b>	Ni-Cd battery (3.6 V, 600 mAh)
<b>Frequency:</b>	926 MHz–927 MHz, 902 MHz–903 MHz (30 channels)
<b>Security Codes:</b>	1,000,000

- \* Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of the other party's machine.
- \*\* Transmission speed is based upon the ITU-T No. 1 Test Chart and original mode.  
If the capability of the other party's machine is inferior to your unit, the transmission time may be longer.
- \*\*\* Recording time may be reduced by the calling party's background noise.

### Note:

- Any details given in these instructions are subject to change without notice.
- The pictures and illustrations in these instructions may vary slightly from the actual product.

### ITU-T No. 1 Test Chart



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### Basic features

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## Panasonic FAX ADVANTAGE PROGRAM

*Free peace of mind,  
direct from Panasonic*

**NO EXTRA COST**



- **6-month limited warranty<sup>1</sup>: parts, labor, and toll-free help line<sup>2</sup>**
- **Free replacement<sup>3</sup> and repair program**

### ***The Panasonic Fax Advantage Consumer Service Program.***

Panasonic knows that if your fax machine is not up and running, neither is your business. That's why we created the Panasonic Fax Advantage Program. Included at no extra cost with the purchase of a new and unused Panasonic Fax Machine, the Fax Advantage Program can provide a free replacement unit<sup>3</sup> if your original unit is in need of repair.

#### ***Here's how it works:***

1. If you have a problem with your fax that you purchased new and unused while it is covered by the period of limited warranty<sup>1</sup>, call our toll-free help-line at 1-800-HELP-FAX<sup>2</sup>.
2. Talk to one of our technical experts to diagnose your problem over the phone.
3. If repairs are necessary and you are entitled to service under the terms and conditions of the limited warranty<sup>4</sup>, we will send a refurbished replacement unit to you by UPS Ground service delivery. The shipping method is upgradable for an extra charge.

A second option available under our limited warranty is to mail-in or carry-in your fax to one of our Regional Service centers, where the unit will be repaired and returned to you.

#### ***Instructions:***

If you choose to receive a replacement unit under the Fax Advantage Program, Panasonic will provide a replacement unit which will be completely refurbished, quality-tested by Panasonic technicians and individually hand-inspected before it is shipped to you. You will keep the replacement unit and send the original unit to us in the replacement unit's box. UPS will pick up the unit at no charge to you, should it be determined that you are entitled to warranty service. A proof-of-purchase must be included with the returned product. Any unit that is replaced by Panasonic and not shipped with proper proof-of-purchase by you will be subject to a minimum \$100.00 charge. The original unit must be properly packaged in the same manner as the replacement unit, utilizing the packing materials provided. Damage due to improper or inadequate packing will be charged to you as an out-of-warranty cost.

If our 1-800-HELP-FAX technicians determine that your unit may be an "out-of-box failure"<sup>5</sup>, we will attempt to provide you with a factory-new replacement unit<sup>6</sup>. You must ship a copy of your receipt with your original unit to verify that you purchased the unit within 10 days prior to your 1-800-HELP-FAX call.

#### ***Requirements:***

You must give our technicians a valid credit card number (Discover, VISA, Master Card, or American Express/Optima). Product that is not returned to Panasonic by 10 business days after shipment of the replacement product will be charged to your credit card account at Panasonic's Suggested Retail Price (see dealer for details). If your original unit is not eligible for warranty service, your card will be charged for the non-warranty repair of the unit at Panasonic's current rate for parts and labor and for any shipping charges associated with this program. If you do not wish to pay out-of-warranty repair costs, you will be responsible for returning the replacement unit to Panasonic and for paying all shipping charges associated with this program including the UPS delivery of the replacement product to you, shipment of the problem unit to Panasonic, shipment of the replacement unit back to Panasonic and the return of your original unit back to you. Credit status will be verified prior to sending the replacement product.

1. See dealer for limited warranty details.
2. After the fax advantage program, contact our Continued Services Technical Support Line at 1-900-555-PANA (1-900-555-7262), for fee based technical support.
3. Replacement unit is refurbished.
4. Replacement program is only available in the 50 United States and is subject to termination at any time without advance notice.
5. "Out-of-box failure" is an inoperable unit that was purchased no more than 10 days prior to your 1-800-HELP-FAX call, and would otherwise qualify for warranty service under the terms and conditions of the limited warranty.
6. Panasonic reserves the right to send a refurbished unit.

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