Panasonic

CORDLESS TELEPHONE
ANSWERING SYSTEM

MODEL NO. KX-T4400

EASA-PHONE®
Pulse-or-tone dialing capability

Operating Instructions

SOUND CHARGER

AUTO-LOGIC™

Please read before use.

The unit in this picture is a white model.

Charge the battery for about 10 hours before initial use.

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux Etats-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este teléfono sin cordón fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

Please read IMPORTANT SAFETY
INSTRUCTIONS on pages 69–70 before
use. Read and understand all instructions.

Introduction (Features)

Thank you for purchasing the KX-T4400, which is an excellent cordless
telephone with an answering system. You can use the following
convenient features.

Telephone features:
—Redialing the last dialed number (p. 25)
—Dialing a stored number from memory (p. 28–31)
—Maintaining the best sound by selecting a clear channel (p. 5)
—Intercom—Having a conversation between one person using the base
  unit and another person using the portable handset (p. 32)

Answering system features:
—Voice prompts—For time, remote voice menu, number of messages,
  pre-recorded greeting message (p. 15), and time/day stamp on each
  message (p. 23)
—New message playback (p. 41)
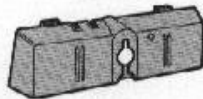—Remote operation from a touch tone phone (p. 46)/portable handset
  (p. 55)

Accessories (For accessory order, call toll free 1-800-332-5368.)

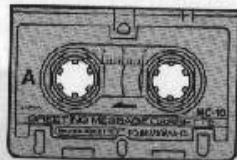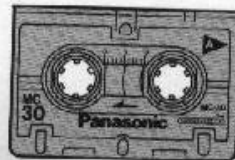| AC Adaptor (KX-A11A) (p. 14)	Wall Mounting Adaptor (p. 64)	Telephone Line Cord (p. 14)
one	one	one

Micro Cassette Tapes (p. 13, 62)

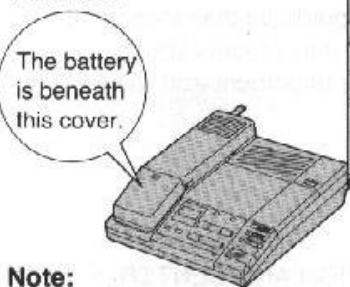| Greeting Message Tape (MC-10)	Incoming Message Tape (MC-30)
one	one

For best performance

Charging the battery

Panasonic rechargeable battery is Ni-Cd type which keeps best capacity of battery at discharged condition when you recharge it.
To power the portable handset, be sure to charge the battery before initial use.

The battery is beneath this cover.

Place the portable handset on the base unit for about 10 hours.

—The CHARGE indicator light is on.
—It cannot be overcharged.

Note:
—Clean the charge contacts with a soft cloth once a month, or the battery may not be charged properly.
—Battery will be able to be recharged and discharged up to about 500 times.

Recharge is necessary when " +◼▬▬◼ " flashes or a beep sounds every 15 seconds during a conversation.
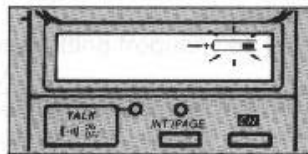
To keep long operation time for every recharge

Because the battery keeps best capacity at discharge, we recommend you to replace the handset on the base unit every few days.
It is important NOT to recharge the battery after every tel-call.

Standard operation time

If your Panasonic battery is fully charged:

In TALK mode	Can talk up to about 7 hours
In Stand-by mode	Can last up to 14 days
When " +◼▬▬◼ " starts flashing	Can talk up to about 1 hour

(These values may vary on condition in which you use.)

Operating range

The operating range is determined by the maximum power allowed by FCC rules. It depends on the construction of your home, weather or circumstances where using cordless telephone, because telephone calls are transmitted between the base unit and the portable handset by wireless radio waves.

Normally you may get longer operating range outdoors than indoors. If there are some obstacles such as walls, noise may prevent your telephone calls. Especially, high metal shelves or cement-iron walls will shorten the operating range.
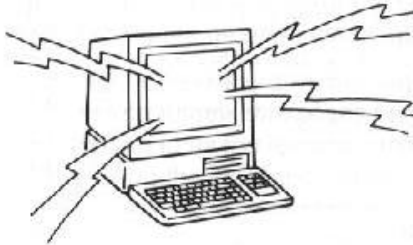
For maximum range

It is the best way to place the base unit in a HIGH AND CENTER LOCATION of the house, with no obstructions. Be sure to extend the antennas of the portable handset and the base unit during use.
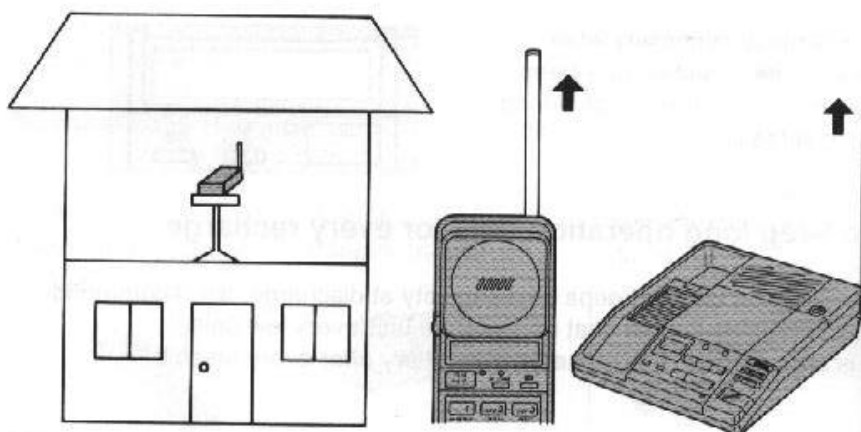
Noise

Even if the base unit is placed in the best circumstances, occasional noise or interference may occur according to the state of radio waves.

 Electrical appliances such as a refrigerator, microwave oven, fax, TV, radio, or personal computer generates strong magnetic field. This might interfere the telephone conversation or shorten the operating range.

Therefore, if noise often prevents your telephone calls, we recommend you to keep the base unit, telephone line cord or AC adaptor cord away those electrical appliances.

To reduce noise during a conversation

Selecting a clear channel
(A channel is a set of receiving and transmitting frequencies.)
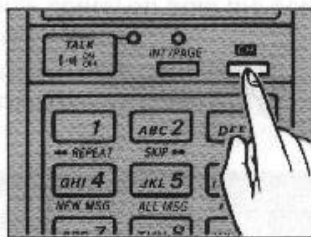
 Should you encounter interference during a conversation, press the CH button.

—The base unit will then select the next available channel which the base is continuously searching for.
—The selected channel number is displayed.

Note:
—If the portable handset user is too far from the base unit, the CH button does not function fully. Approach the base unit.

Contents

Answering system

Other information

Location of controls

Base unit

SP-PHONE Button and Indicator (p. 27)

MUTE Button and Indicator (p. 36)

HOLD Button (p. 36)

MEMO/2WAY RECORD Button (p. 44, 45)

TIME CHECK Button (p. 23)

ANSWER ON Button and Indicator (p. 38)

MESSAGE ALERT Selector (p. 20)

RINGS Selector (p. 21)

REC (Recording) TIME Selector (p. 21)

RINGER Selector (p. 21)

Call Counter (p. 12)

PAGE/INTERCOM Button (p. 33)

NEW MESSAGE Indicator (p. 41)

NEW MESSAGE PLAYBACK Button (p. 41)

ALL MESSAGE PLAYBACK Button (p. 41)

VOLUME Buttons (p. 20)

GREETING SELECT 1-2-PRE
Button (p. 17, 39)

GREETING RECORD Button
(p. 17)

GREETING CHECK Button
(p. 18)

DAY Button (p. 23)

HOUR Button (p. 23)

MINUTE Button (p. 23)

ICM ERASE Button (p. 43)

IN USE/
INTERCOM
Indicator

MIC (Microphone)
(p. 17)

STOP Button (p. 17, 42)

FF (Fast Forward)/SKIP
Button (p. 42)

REW (Rewind)/REPEAT Button (p. 42)

REMOTE CODE
Button (p. 46)

CHARGE Indicator (p. 3)

CPC (Calling Party Control)
Switch (p. 20)

DIALING MODE Selector (p. 20)

Portable handset

Antenna (p. 4)

INT' (Intercom)/PAGE Button and Indicator (p. 32)

VOLUME Selector (p. 19)

CH (Channel) Button (p. 5)

Display (p. 11)

FLASH Button (p. 25, 37)

REDIAL Button (p. 25)

TALK Button and Indicator (p. 25)

PROG (Program) Button (p. 29)

POWER/RINGER Switch (p. 19)

SCREEN/PLAYBACK Button and Indicator (p. 55)

TONE Button (p. 37)

PAUSE Button (p. 37)

AUTO Button (p. 29)

Battery Charge Contacts (p. 3)

MEMO/2WAY RECORD Button (p. 59)

Panasonic

Display

Display of the portable handset

| CH | PROG | OUT RANGE | +▮▮▮▮ |

888888888888

(This display shows all the possible configurations.)

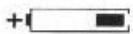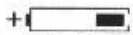| CH 2   01-03-40 | During a conversation, the channel number and the call duration are displayed. (Example: channel 2, 1 hour 3 minutes 40 seconds) |
OUT RANGE	The portable handset is under some bad conditions. (p. 66)
PROG	The unit is in programming mode.
+▮▮▮▮	The battery is fully charged.
+▮▮▮	The battery strength is medium.
+▮	The battery strength is low.
+▮ (flashing)	The battery needs to be charged. (p. 3)
P	The PAUSE button is pressed.
F	The FLASH button is pressed while storing numbers.
☰	"#" is pressed when the dialing mode is TONE.
↳	"✕" is pressed when the dialing mode is TONE.
AnS-OFF	The answering system is turned off.
26 CALLS	26 messages have been recorded. The display can show up to 30 messages in total.

Call counter of the base unit
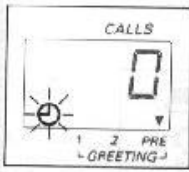
CALLS

0

1 2 PRE
└ GREETING ┘

The clock in the unit is not adjusted. Program it before use. (See page 22.)

CALLS

E

1 2 PRE
└ GREETING ┘

The greeting message tape is not installed. Insert it. (See page 13.)

CALLS

10

1 2 PRE
└ GREETING ┘

The first greeting is being recorded. The call counter counts the recording duration.

CALLS

Pr

1 2 PRE
└ GREETING ┘

Pre-recorded greeting is being played back.

CALLS

3

1 2 PRE
└ GREETING ┘

3 messages have been recorded.

CALLS

1

1 2 PRE
└ GREETING ┘

First recorded message is being played back.

CALLS

VOL 4

1 2 PRE
└ GREETING ┘

You are adjusting the volume. The number shows the current volume level.

CALLS

MAX
VOL 8

1 2 PRE
└ GREETING ┘

When the volume level is set to maximum (8).

CALLS

- -

1 2 PRE
└ GREETING ┘

A micro cassette tape is being rewound to the beginning.
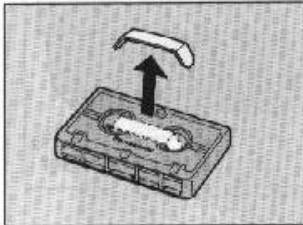
CALLS

G.O.

1 2 PRE
└ GREETING ┘

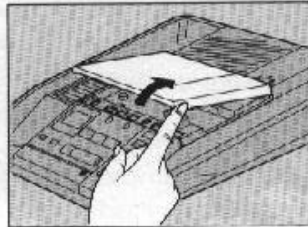The REC TIME selector is in the GREETING ONLY position. (See page 21.)

Setting up the unit

Inserting the cassette tapes

Remove the stopper of
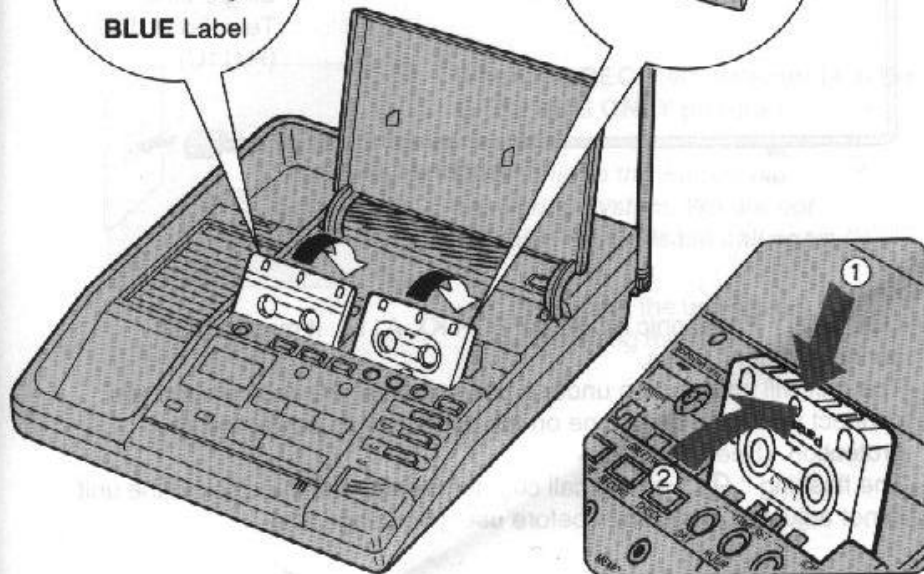the micro cassette tapes.

Open the cassette panel.

Insert micro cassette tapes with
the full reel of each tape to the left.
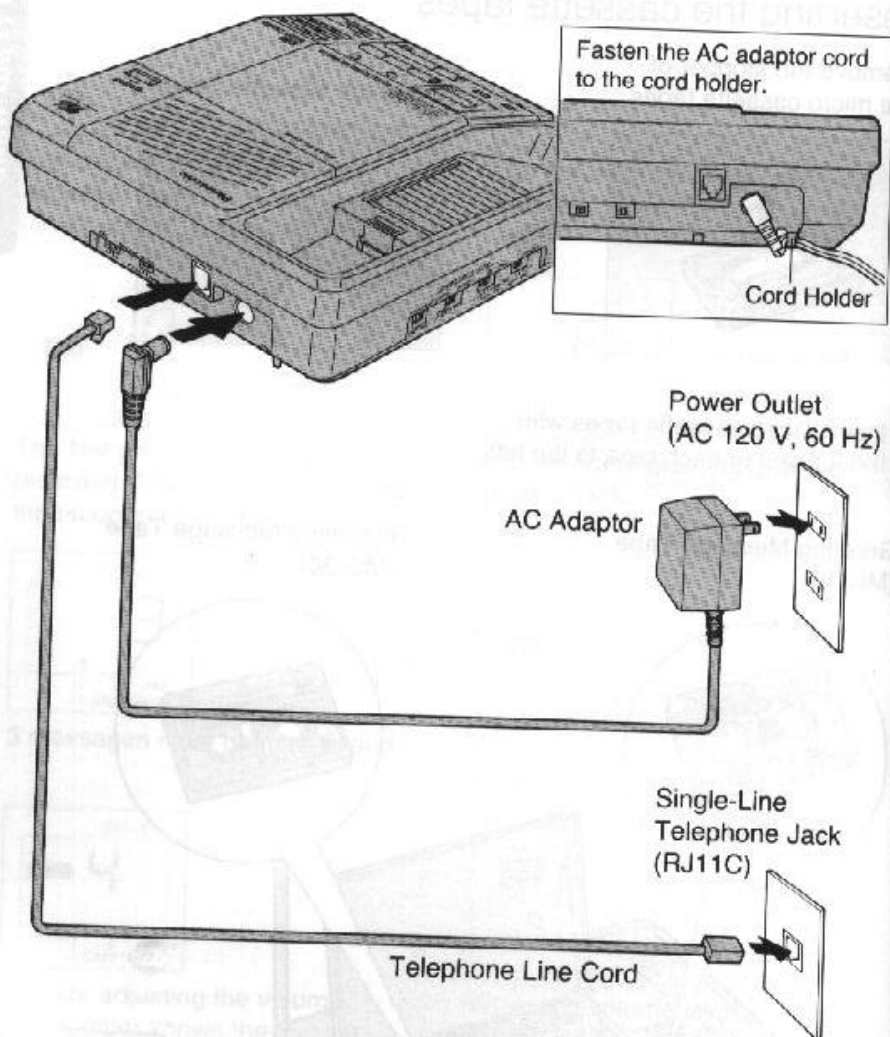
Greeting Message Tape
(MC-10)

Incoming Message Tape
(MC-30)

BLUE Label

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Connection

Fasten the AC adaptor cord to the cord holder.

Cord Holder

Power Outlet
(AC 120 V, 60 Hz)

AC Adaptor

Single-Line
Telephone Jack
(RJ11C)

Telephone Line Cord

Notes:
—USE ONLY Panasonic AC ADAPTOR KX-A11A. It must remain connected at all times.
—The unit will not function under a power failure. We recommend you connect a reserve telephone on the same line as power failure protection. (See page 63.)
—The flashing " 🕓 " on the call counter means that the clock in the unit is not adjusted. Program it before use. (See page 22.)
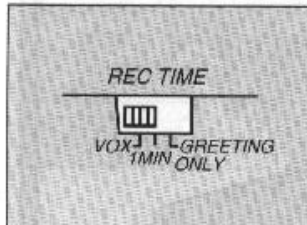
Pre-recorded greeting message

The unit has two kinds of pre-recorded greeting messages.

## To select the pre-recorded greeting message
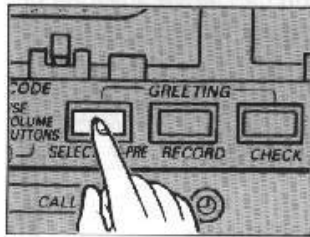
Press the GREETING SELECT 1-2-PRE button until the call counter shows "Pr".

—The pre-recorded greeting message is played back automatically.

When the REC TIME selector is in the "VOX" or "1 MIN" position:

"Welcome to the Panasonic answering system. We are not available now. Please leave your name and phone number after the beep. We will return your call. Thank you for your call."
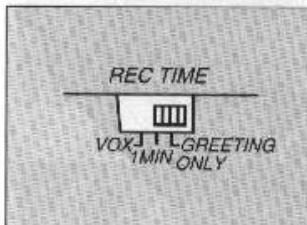
When the REC TIME selector is in the GREETING ONLY position:

"Welcome to the Panasonic answering system. We are not available now. Please call again."

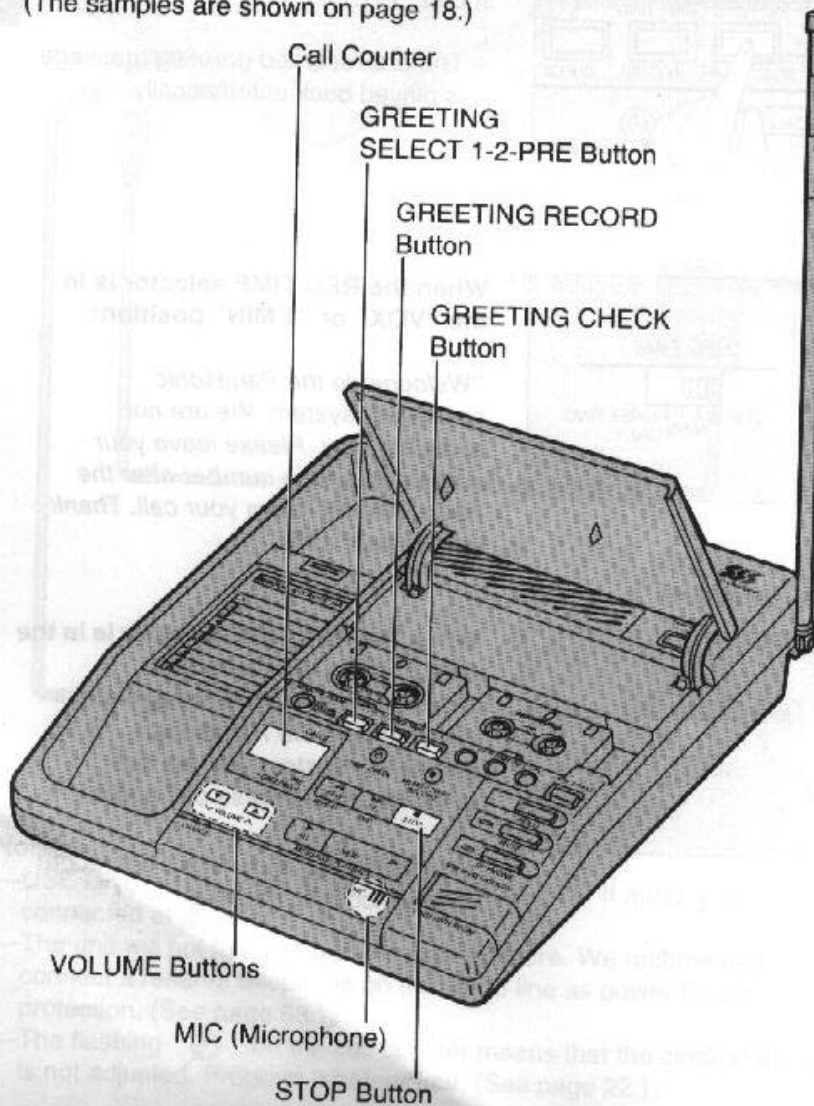—In this mode, the unit will not record any incoming message.

Recording a personal greeting message

You can record two original greeting messages.
- **First greeting:** Its recording time is limited to 30 seconds. So you may leave a short message to your callers.
- **Second greeting:** This is an extended greeting message and its recording time is up to the tape end. So you can leave any kind of messages you like, for example, advertisement for your company.

(The samples are shown on page 18.)

Call Counter

GREETING
SELECT 1-2-PRE Button

GREETING RECORD
Button

GREETING CHECK
Button

VOLUME Buttons

MIC (Microphone)

STOP Button

—Do not pause for over 5 seconds while recording. If 6 beeps sound while recording and call counter shows "E", start again from step 2 after the unit stops resetting the greeting message tape.
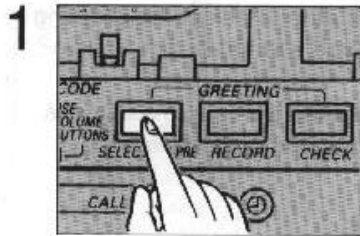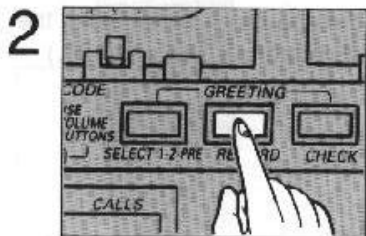
1 Press the GREETING SELECT 1-2-PRE button to select greeting 1 or 2.

First greeting

Second greeting
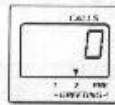
2 Press the GREETING RECORD button, then release it.

—"Record your greeting after the beep." is announced, followed by a long beep.

3 Immediately after the long beep, speak clearly and loudly, 20 cm (8") away from the MIC (microphone).

—The call counter shows the elapsed recording time.
—" ▣ " on the call counter flashes.

4 When you finish recording, press the STOP button.

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Checking the greeting message

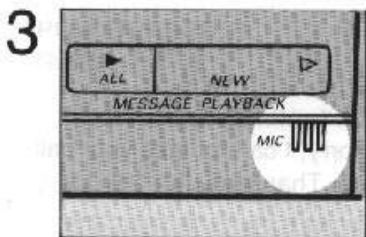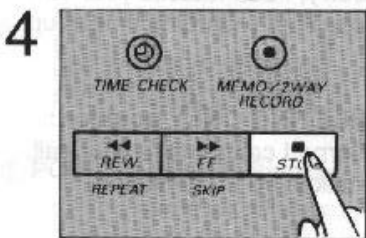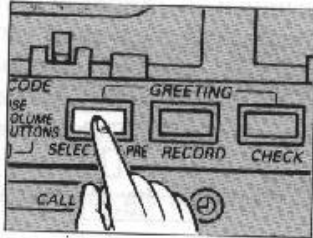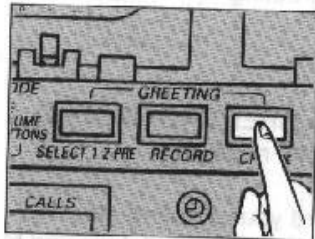You can play back and check your recorded greeting message.

1

Press the GREETING SELECT 1-2-PRE button to select the greeting message you want to check.

—The selected greeting message is marked on the call counter.

2

Press the GREETING CHECK button to play back the greeting message.

—Adjust the speaker volume using the VOLUME buttons. (See page 20.)

Samples of greeting messages

When the REC TIME selector is in the VOX (unlimited) position:
"Hello, this is (your name and/or number). Sorry, I cannot take your call. Please leave your message after a long beep. Thank you."

When the REC TIME selector is in the 1 MIN position:
"Hello, this is (your name and/or number). Sorry, I cannot take your call. Please leave your message after a long beep. Your recording time is up to 1 minute. Thank you."

When the REC TIME selector is in the GREETING ONLY position:
"Hello, this is (your name and/or number). Sorry, I cannot take your call. If you call back tomorrow, we'll be happy to talk to you. Thank you."

Setting selectors

① VOLUME
Selector

③ CPC (Calling Party Control)
Switch

④ DIALING MODE Selector

⑤ VOLUME Buttons

⑥ MESSAGE ALERT Selector

⑦ RINGS (Ring Times)
Selector

② POWER/RINGER
Switch

⑧ REC (Recording)
TIME Selector

⑨ RINGER Selector

① VOLUME Selector

VOLUME
NORMAL • • HIGH
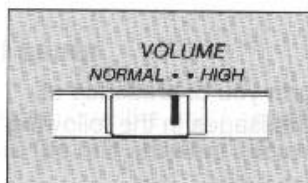
Set to the NORMAL position. When
the other party's voice is difficult to
hear, set to the HIGH position.

② POWER/RINGER Switch

POWER/RINGER
OFF • • ON

Set to the ON position. When setting to
the OFF position, battery power will be
saved, but the portable handset will not
operate or ring.

③ CPC (Calling Party Control) Switch

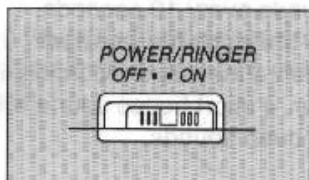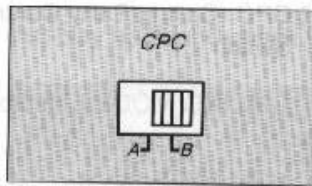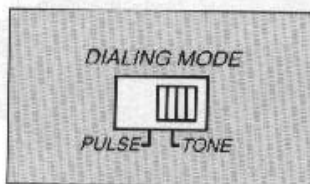If you use call waiting service, set to "B" position. When in the "A" position, the call waiting tone will disconnect someone leaving a message. Set to the "A" position if you do not use this service.

④ DIALING MODE Selector

Set to the TONE position when your telephone line has touch tone service. If it has rotary service, set to the PULSE position.

⑤ VOLUME Buttons
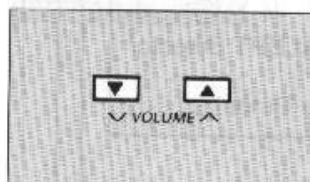
Used to select the speaker volume level. There are 8 levels, 0 (minimum) through 8 (maximum).

To increase the volume, press ▲.

To decrease the volume, press ▼.

—The call counter shows the selected volume level for 3 seconds.
—At the maximum level, "MAX" is displayed.

⑥ MESSAGE ALERT Selector

Beeps inform you of presence of recorded messages in the following manners.

ON: **On the base unit**
When new messages have been recorded, a short beep sounds every 10 seconds.
On the portable handset
When a message recording is over, 4 short beeps sound twice.
OFF: No beep sounds.

Used to select the number of rings before the unit answers.
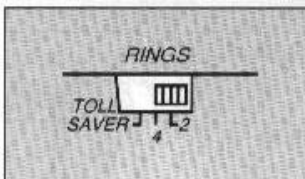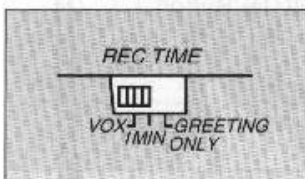
2: The unit answers a call on the second ring.

4: The unit answers a call on the fourth ring.

TOLL SAVER: See below.

⑧ REC (Recording) TIME Selector

Used to select the caller's recording time.

VOX: Unlimited.

1 MIN: Limited to 1 minute.

GREETING ONLY:

The unit answers the incoming calls, plays back the greeting message, then hangs up. The unit will not record any caller's message.

The call counter shows:

⑨ RINGER Selector

Used to set the ringer volume of the base unit. Set to the HIGH or LOW position. When setting to the OFF position, the base unit will not ring.

Toll saver

When you call the unit from a touch tone telephone, the number of rings before the unit answers informs you if there are any new messages.

—If the unit answers on the 2nd ring: There is at least one new message.

—If the unit answers on the 4th ring: There are no new messages.

Hang up immediately when you hear the 3rd ring. Because the 3rd ring indicates there are no new messages. This saves you the toll charge for the call.

Time and day adjustment

TIME CHECK Button

DAY Button

HOUR Button

MINUTE Button
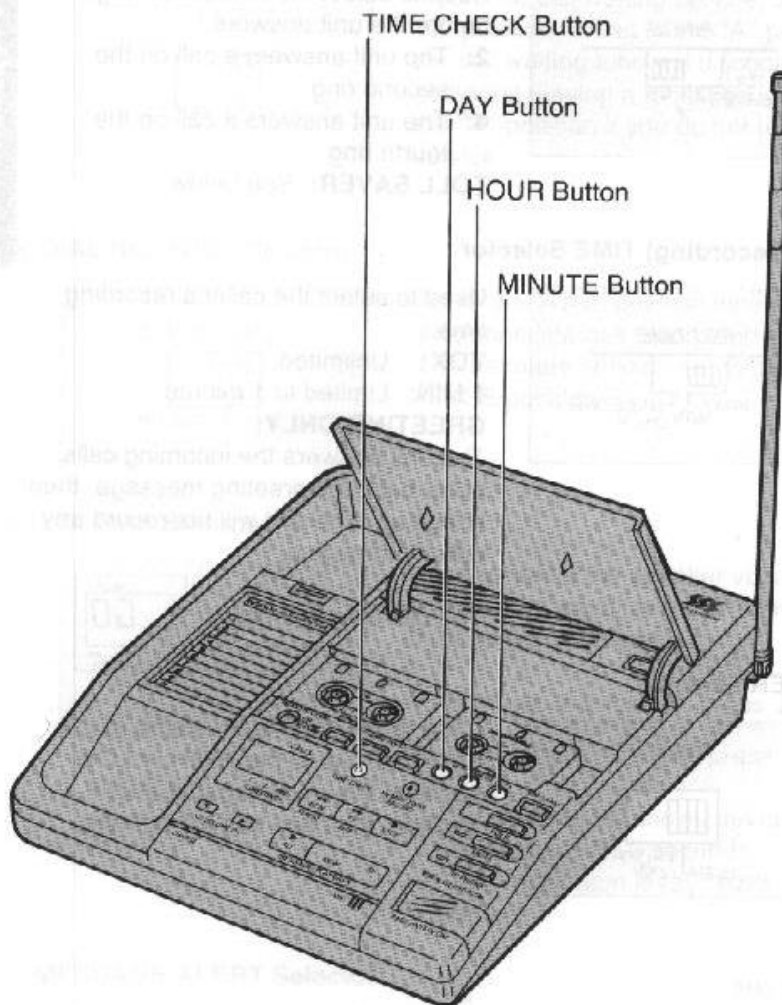
Notes:

—During a power failure, the programmed time and day retention time is approximately 3 hours.

—If " ⏱ " flashes on the call counter, it means that the memory has been cleared. In this case, adjust the time and day again.
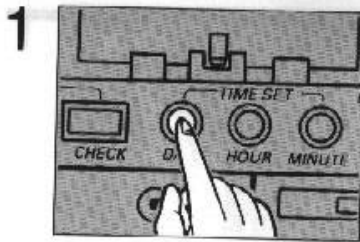
1 Press the DAY button repeatedly to adjust the day.

—The unit announces the day.
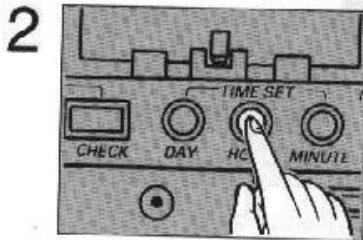
2 Press the HOUR button repeatedly to adjust the hour.

—The unit announces the hour.
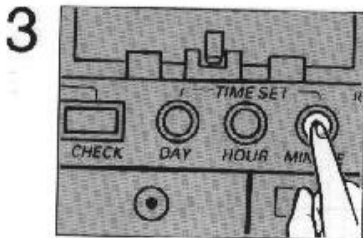
3 Press the MINUTE button repeatedly to adjust the minute.

—The unit announces the minute.
—The clock starts working.

Voice Time/Day Stamp
This unit is provided with a Time/Day Stamp feature. You can know when the callers' messages were recorded by the recorded synthesized voice telling the time and day after each message.

To check the time and day
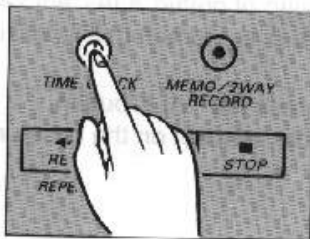
Press the TIME CHECK button.

—The unit announces the programmed time and day.

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Making calls

Extend the antenna fully.

TALK Button
and Indicator

POWER/RINGER
Switch:
Set to "ON".

POWER/RINGER
OFF • • ON

FLASH Button

REDIAL Button

Panasonic
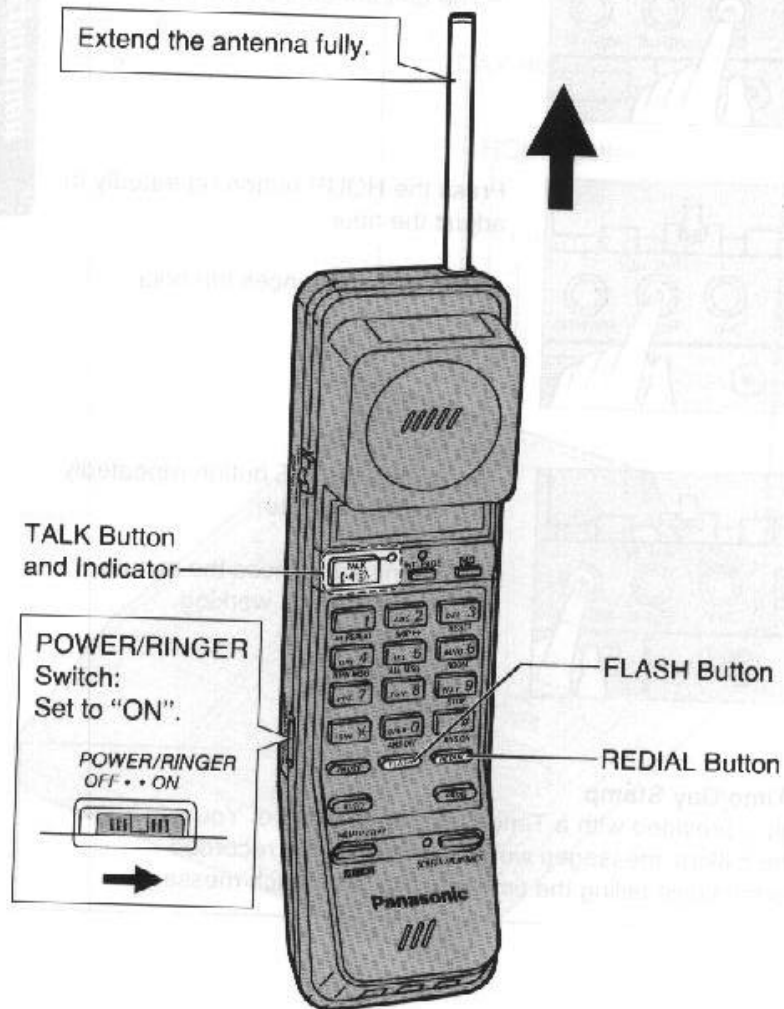
Note:
—If " OUT RANGE " is displayed when you press the TALK button,
approach the base unit or place the portable handset on the base unit.
Then, try again.
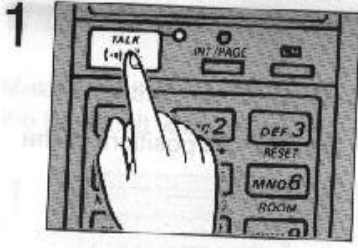
1

Press the TALK button to get dial tone.

—The TALK indicator light is on and the channel number is displayed.
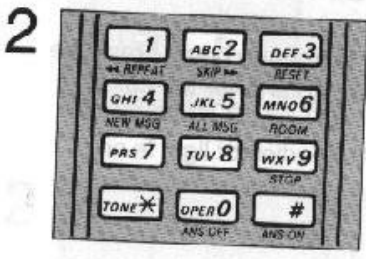
2

Dial a telephone number.

—The dialed number is displayed.
—About 5 seconds later, the display starts counting the call duration.
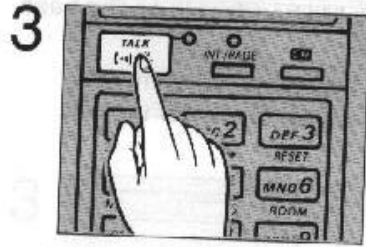
3

When the conversation is over, press the TALK button or place the portable handset on the base unit to hang up.

—The TALK indicator light goes out.

If you misdial

Press the FLASH button firmly.
The dial tone is heard, and you can dial the correct number.

To redial

Press the TALK button to get dial tone, then press the REDIAL button.
The last dialed number is automatically dialed.

Answering calls

With the portable handset

Make sure that the POWER/RINGER switch is in the ON position, or the portable handset will not ring.

1
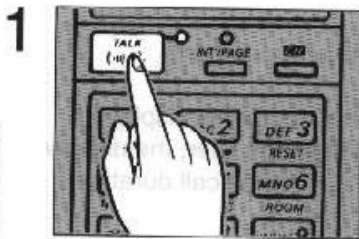
If the portable handset is off the base unit:

When the telephone rings, press the TALK button to answer the call.

—The TALK indicator light is on.

OR
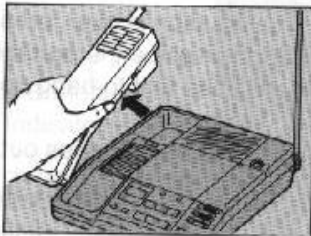
If the portable handset is on the base unit:

When the telephone rings, lift the portable handset to answer the call.
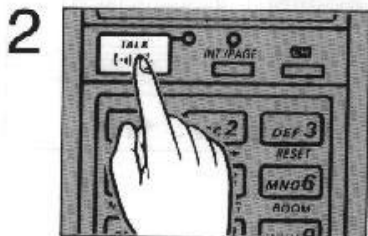
2

When the conversation is over, press the TALK button or place the portable handset on the base unit to hang up.

—The TALK indicator light goes out.

With the base unit

Make sure that the RINGER selector is in the HIGH or LOW position, or the base unit will not ring.

1
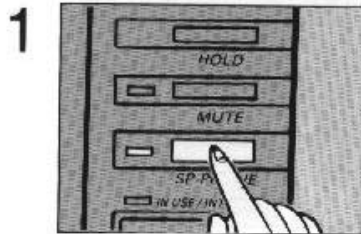
When the telephone rings, press the SP-PHONE button to answer the call.

—The SP-PHONE indicator light is on.

2
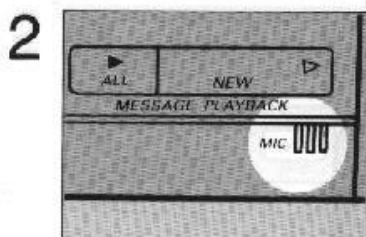
Speak into the MIC (microphone).

—Adjust the speaker volume using the VOLUME buttons. (See page 20.)

3
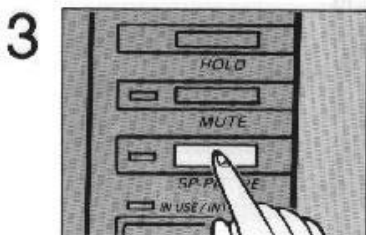
When the conversation is over, press the SP-PHONE button to hang up.

—The SP-PHONE indicator light goes out.

Helpful hint:
—While having a conversation using the base unit, if the portable handset is on it and the POWER/RINGER switch is in the ON position, you can switch to the handset by simply lifting it.

Automatic dialing

The unit can store 10 phone numbers you often dial, into memory. The stored number is dialed automatically by pressing the AUTO button and one of the dialing buttons.

AUTO Button

PROG (Program) Button

Panasonic
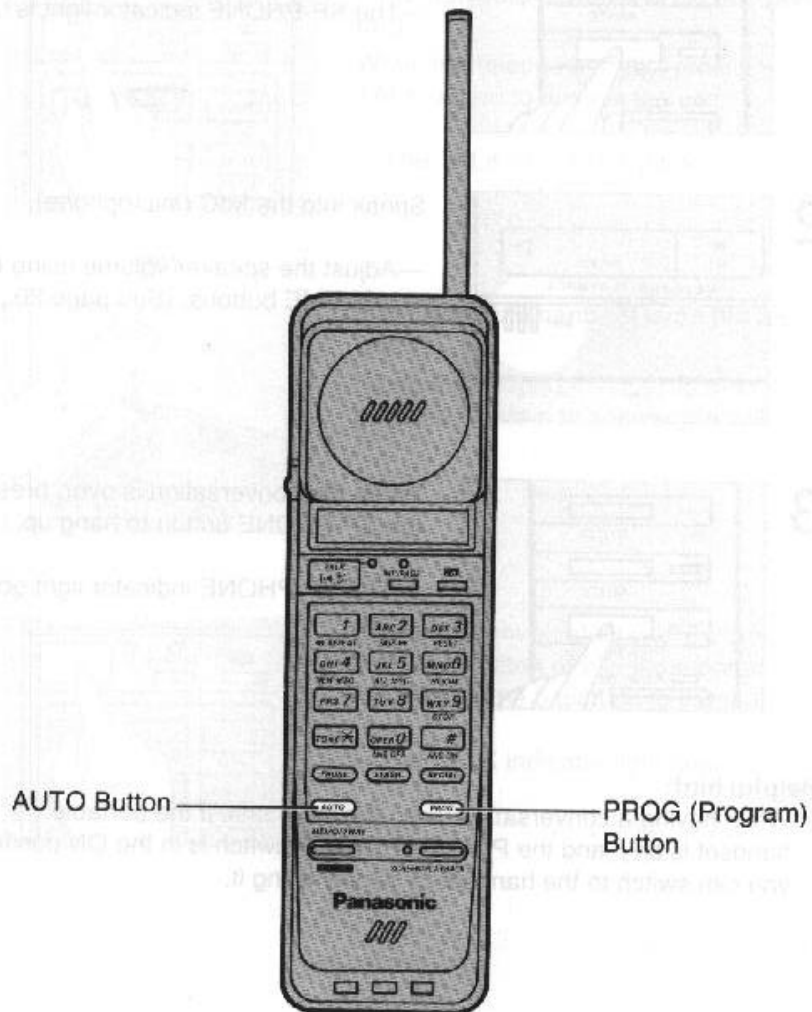
Storing phone numbers in memory

The dialing buttons (0 through 9) function as memory stations for automatic dialing. A 16-digit phone number can be stored in each station.

1
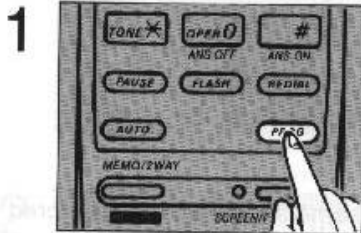
Press the PROG button.

—" **PROG** " is displayed to show the unit is in the programming mode.

2
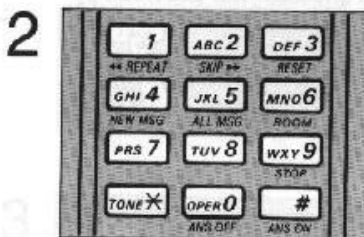
Enter a phone number to be stored up to 16 digits.

—The entered number is displayed.

3

Press the AUTO button.

4
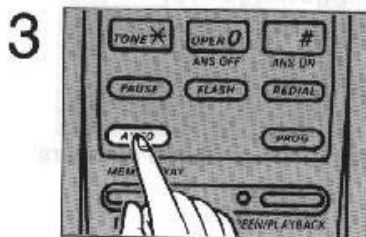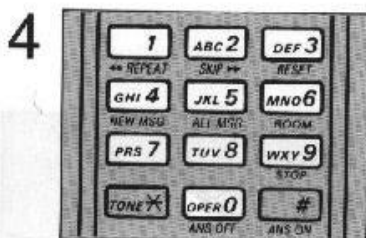
Press one of the dialing buttons (0 through 9) to select the memory station.

—The station number is displayed and the phone number is stored there.
—To store other numbers, repeat steps 1 through 4.

Cordless telephone

To correct an error while storing

Press the PROG button to end the programming mode, then start from
step 1 on page 29 again to store the correct number.

To confirm a stored number

Store the phone number which you want to confirm into the same
memory station. You will hear one or two beeps.

2 beeps: The newly stored number is the same as the previously stored
           one.
1 beep: The newly stored number is different from the previously
           stored one.

To erase a stored number

1. Press the PROG button.
2. Press the AUTO button.
3. Press the dialing button of the memory station for the phone number
   to be erased.

Memory card

Pull out the memory card and write down the names or phone numbers
associated with automatic dialing.
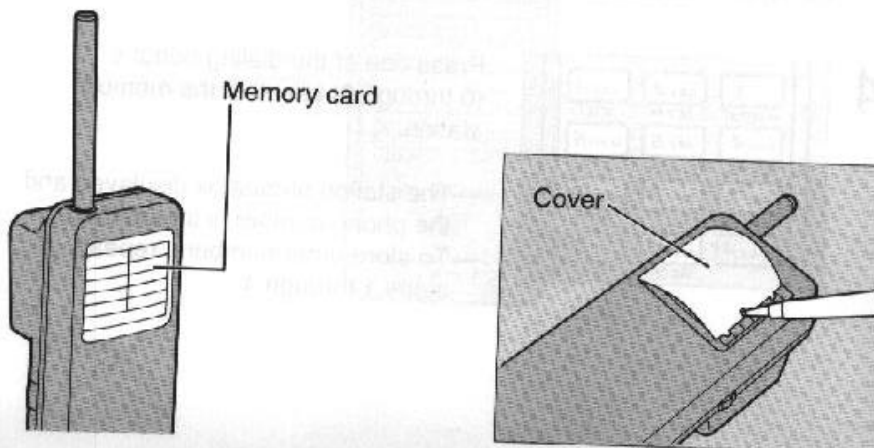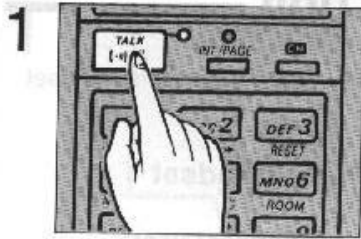
Memory card

Cover

Dialing a stored number from memory

1

Press the TALK button to get dial tone.

—The TALK indicator light is on and the channel number is displayed.

2

Press the AUTO button.

3
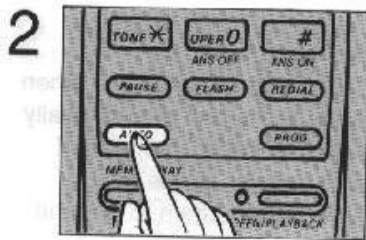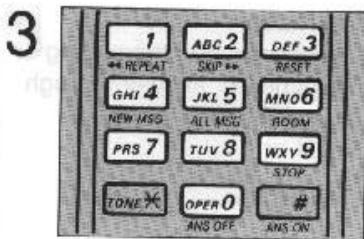
Press the dialing button (0 through 9) where the phone number you want to dial is stored.

—The stored number is displayed and dialed automatically.

Intercom between the portable handset and the base unit ———

You can use the unit as a 2-way intercom between the portable handset and the base unit.

Paging the base unit from the portable handset

1
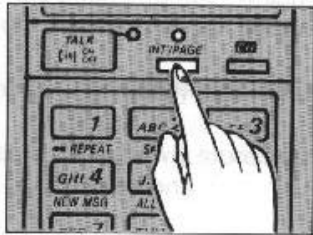
The portable handset user:
Press the INT'/PAGE button.

—Both units beep while the INT'/PAGE button is pressed. When you release it, the unit automatically switches to the intercom mode. If there is no answer, press the INT'/PAGE button again to end the intercom.

2

The base unit user:
When the unit beeps and the paging party's voice is heard, answer through the MIC (microphone).
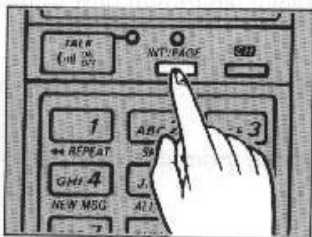
3

The portable handset user:
When the conversation is over, press the INT'/PAGE button.

—Intercom calls can only be terminated by the portable handset.

Helpful hint:
—If you hear two tones while having an intercom conversation, it means someone is calling from outside. These two tones replace the normal ringing signal. You can answer the call by pressing the TALK button or the SP-PHONE button. The intercom call is then terminated.

Paging the portable handset from the base unit

1

The base unit user:
Press the PAGE/INTERCOM button.

—Both units beep until the portable handset user answers the paging. If there is no answer, press the PAGE/INTERCOM button again to stop the paging.

2
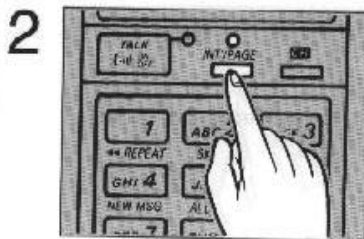
The portable handset user:
When the unit beeps and the INT'/PAGE indicator flashes, press the INT'/PAGE button to answer the paging.

3
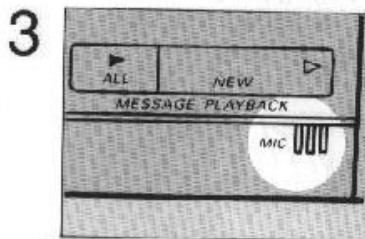
The base unit user:
Speak to the paged party through the MIC.
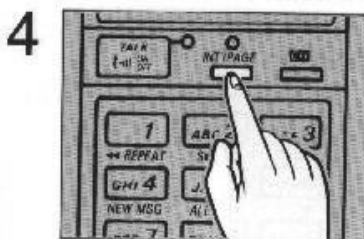
4

The portable handset user:
When the conversation is over, press the INT'/PAGE button.

—Intercom calls can only be terminated by the portable handset.

Transferring an incoming call using intercom

Even while in a conversation with an outside caller, intercom can be available. This feature enables you to transfer the call between the portable handset and the base unit.

Transferring from the portable handset to the base unit

1
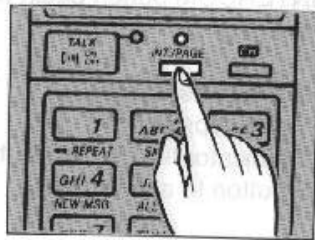
The portable handset user:
During a conversation, press the INT'/PAGE button to page the base unit.

—The outside call is put on hold.

2

The base unit user:
When the paging party's voice is heard, answer through the MIC (microphone).

3

To answer the outside call, press the SP-PHONE button.

—The transfer is completed.

Helpful hint:
—The portable handset user can join the conversation between the base unit user and the incoming caller by pressing the TALK button. When the conversation is over, press the TALK button again.

Transferring from the base unit to the portable handset

1
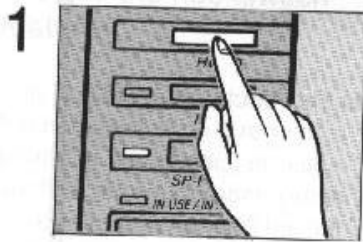
The base unit user:
During a conversation, press the HOLD button to put the outside call on hold.

—The SP-PHONE indicator flashes.

2
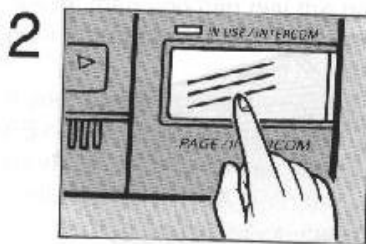
Press the PAGE/INTERCOM button to page the portable handset.
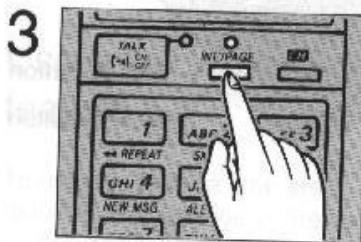
3

The portable handset user:
Press the INT'/PAGE button to answer the paging.

4
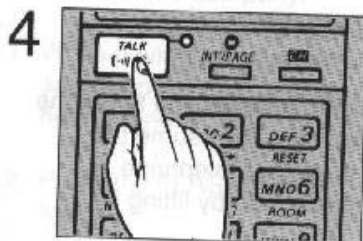
To answer the outside call, press the TALK button.

—The transfer is completed.

Helpful hint:
—The base unit user can join the conversation between the portable handset user and the Incoming caller by pressing the SP-PHONE button. When the conversation is over, press the SP-PHONE button again.

Other features ————————

TONE Button ——————

PAUSE Button ——————

FLASH Button ——————

HOLD Button

MUTE Button
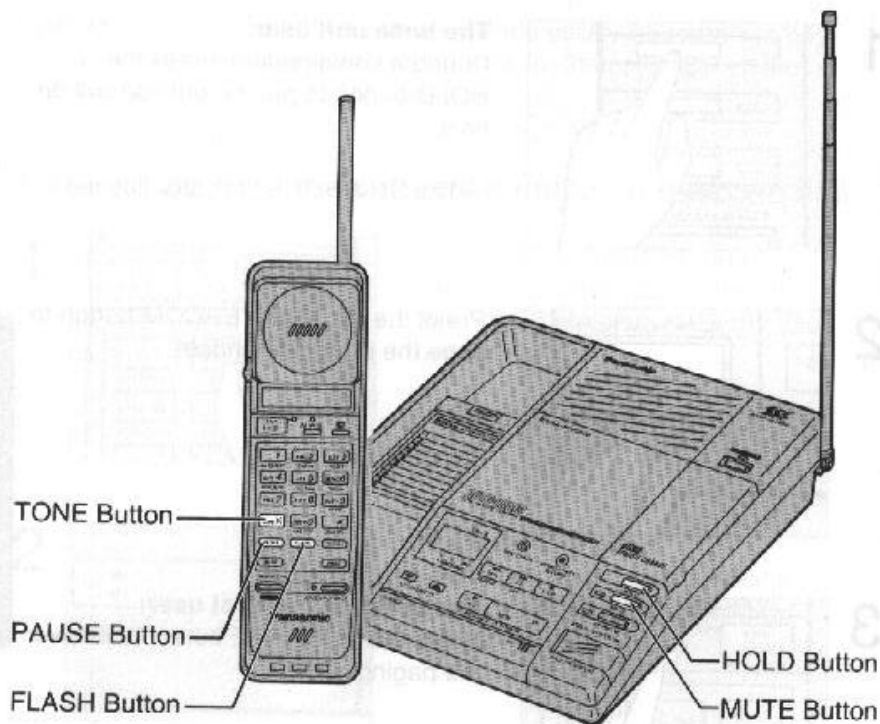
HOLD button (When using SP-PHONE)

Pressing the HOLD button during a conversation enables you to put the
call on hold. The SP-PHONE indicator light flashes. To resume the
conversation, press the SP-PHONE button. If another telephone is
connected on the same line, you can also release hold by lifting its
handset.

MUTE button (When using SP-PHONE)

When you press the MUTE button, the other party cannot hear your
voice, while you can hear theirs. The MUTE indicator light is on. To
resume the conversation, press the MUTE button again.

FLASH button
(To use the hookswitch feature)

The FLASH button functions as the hookswitch on a regular phone. If you misdial or dial another phone number, press the FLASH button firmly. The call is terminated and the dial tone is heard, then you can dial the next phone number.

If your unit is connected to a PBX, pressing the FLASH button lightly allows you to use special features of the PBX such as transferring an extension call.

Using call waiting feature

To use this feature, you are required to subscribe to the call waiting service offered by your local telephone company.

1. While having a conversation, another party calls and you hear a tone.

2. Press the FLASH button lightly.

The first call is put on hold and you can answer the second call. To return to the first caller, press the FLASH button again. The second call is put on hold.

PAUSE button
(For users behind a PBX)

If your unit is connected to a PBX, you need to dial an access number (usually 9) to get an outside line. In this case, inserting a pause between the access number and the phone number is necessary especially when redialing or storing the number into memory. Pressing the PAUSE button once makes 3.5-second pause.

Temporary tone dialing

If your line has rotary service, pressing the TONE (✳) button allows you to change the dialing mode temporarily into tone. Then you can dial the numbers or codes needed to operate the answering system or to use electronic banking services and other special services.
When you hang up, the dialing mode returns to pulse automatically.

Automatic security code setting

Whenever you place the portable handset on the base unit, the unit automatically selects one of 1,000 security codes. This code helps to avoid unauthorized use of your telephone line by another cordless telephone in your area.

Automatic answering operation

When a call reaches, the unit plays back your greeting message and records the callers' messages.
After the call is completed, it will be ready for the next call automatically.

ANSWER ON Button and Indicator

| ANSWER ON | The answering system works when the **ANSWER ON indicator light is on.** |

GREETING SELECT 1-2-PRE
Button

Call Counter

Setting the unit to answer the call

To answer a call and record the callers messages, set the unit as follows.
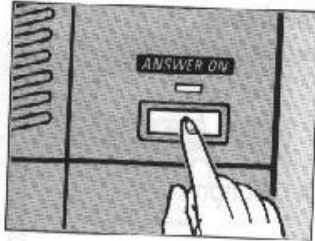
Press the ANSWER ON button to turn on the answering system.

—The ANSWER ON indicator light is on.
—The unit is now ready to answer the call.

To turn off the answering system

If you do not want the unit to answer the call, press the ANSWER ON button, and confirm the ANSWER ON indicator light goes out.

Selecting the greeting message

Which greeting message is played back to the caller depends upon the selection of 1, 2 or PRE (pre-recorded message).
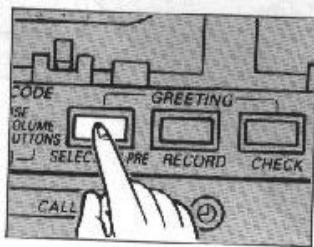
Press the GREETING SELECT 1-2-PRE button.

—The selected greeting message is marked on the call counter.

First greeting is selected.

Second greeting is selected.

Pre-recorded greeting is selected.

Listening to the recorded messages

When new incoming messages have been recorded;
—the call counter shows the number of recorded messages up to 30 in total.
—the NEW MESSAGE indicator flashes.

REW/REPEAT Button

FF/SKIP Button

Call Counter STOP Button

VOLUME Buttons
To increase the volume, press ▲.
To decrease the volume, press ▼.

NEW MESSAGE Indicator

NEW MESSAGE PLAYBACK Button

ALL MESSAGE PLAYBACK Button
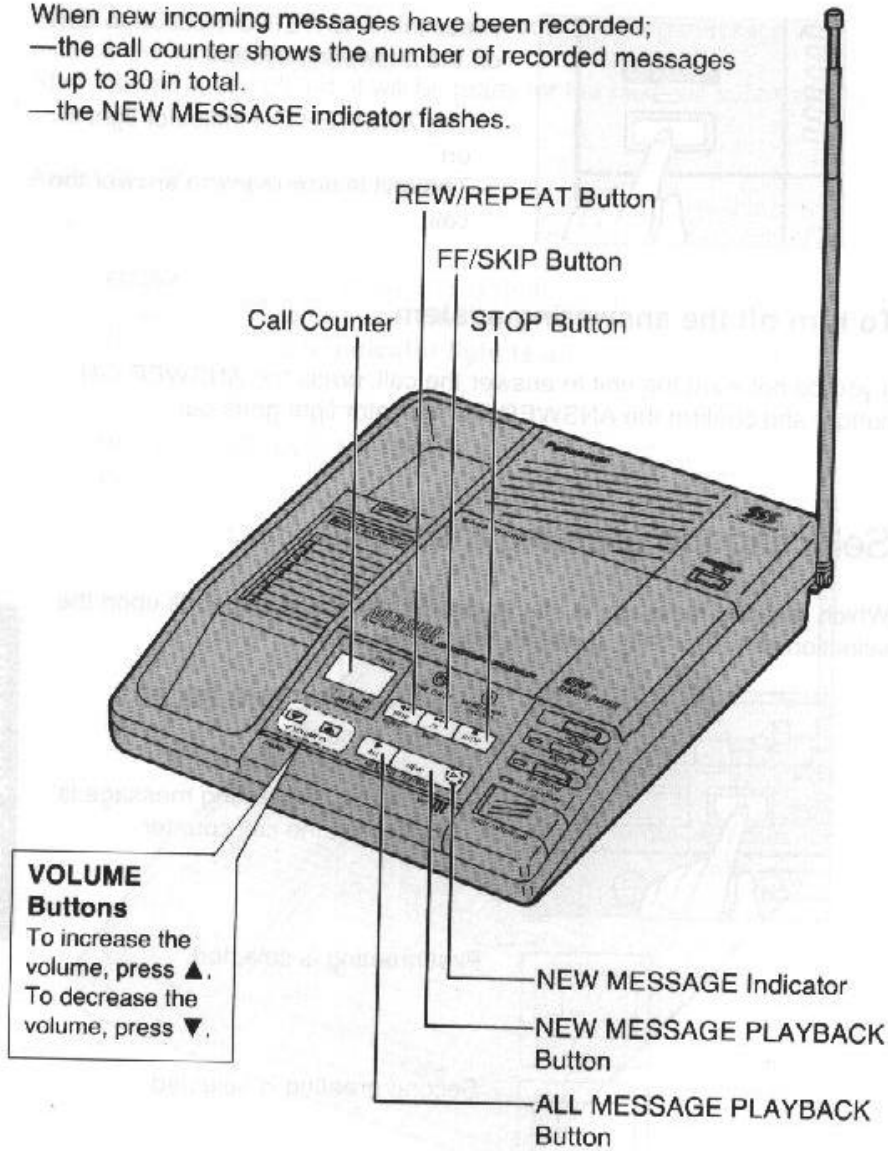
Note:
—When the MESSAGE ALERT selector is set to the ON position, the base unit beeps every 10 seconds while new messages have been recorded. (See page 20.)

Listening to new messages only

Only new messages are played back. (Messages once reviewed will not
be played back.)
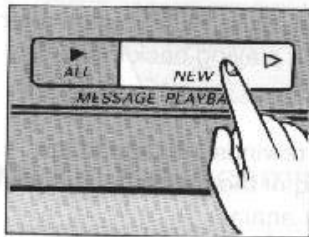
Press the NEW MESSAGE
PLAYBACK button.

—The unit starts playback and the call
counter shows the message number
being played back.

Listening to all the recorded messages

All the recorded messages (including those previously reviewed or
saved) will be played back from the beginning of the tape.
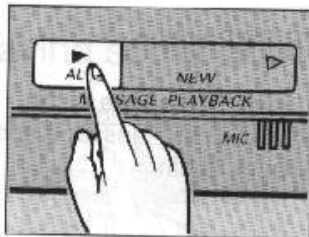
Press the ALL MESSAGE PLAYBACK
button.

—The unit starts playback and the call
counter shows the message number
being played back.

AUTO-LOGIC™

When you use the NEW MESSAGE PLAYBACK or ALL MESSAGE
PLAYBACK button, the unit automatically;
—rewinds the tape and plays back the messages
—tells you the end of final message by the synthesized voice
—prepares to record new messages after the old messages

We named this PLAYBACK buttons' feature "AUTO-LOGIC".

During message playback

Repeating the message
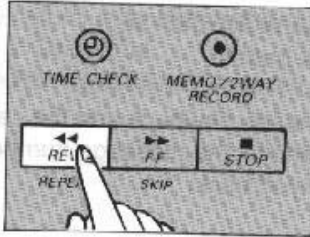
Press the REW/REPEAT button after 5 seconds of playing back the message.

—The unit rewinds the tape to the beginning of the message and starts playback again.

Note:

—If you press the REW/REPEAT button within 5 seconds of playing back the message, the unit will play back messages from the one before.

Skipping the message
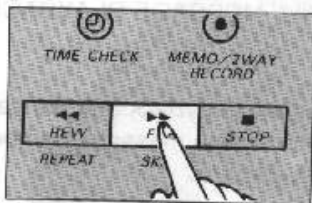
Press the FF/SKIP button.

—The unit forwards the tape to the beginning of the next message and starts playback again.

Stopping the operation
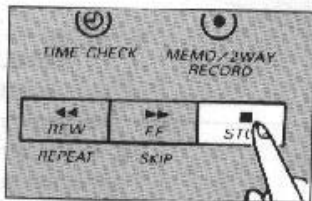
Press the STOP button to stop playing back, or other operation.

In case your unit is not in playback operation.

—When you press the REW/REPEAT button, the unit rewinds the tape to the beginning automatically.
—When you press the FF/SKIP button, the unit forwards the tape to the end of the last message automatically.

Resetting the incoming message tape
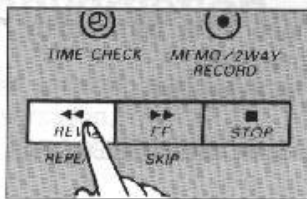
Press the REW/REPEAT button.

—The unit rewinds the tape and new messages will be recorded from the beginning of the tape.

Erasing the incoming messages
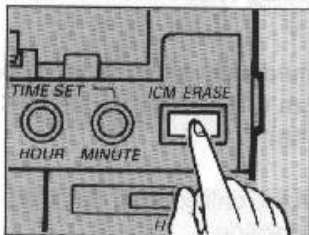
Press the ICM ERASE button after listening to the recorded messages.

—The unit erases all the recorded messages.
—New messages will be recorded from the beginning of the tape.

Saving some old messages

1
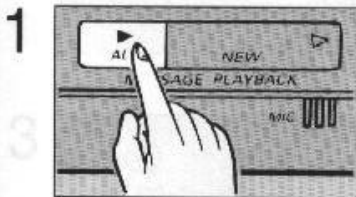
Press the ALL MESSAGE PLAYBACK button to play back the messages.

2

Press the STOP button at the end of the messages you want to save.

3

Press the ANSWER ON button to turn on the answering system.

—The ANSWER ON indicator light is on.
—The new messages will be recorded after the message(s) you have saved.

Recording your own message ——

You may record a personal message on the tape. It can be heard by anyone playing back messages remotely or manually.
To use this feature with the portable handset, see page 59.
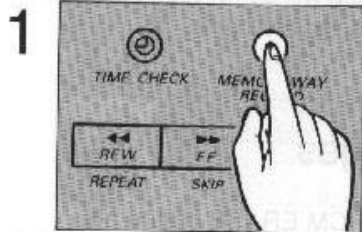
1 | Press the MEMO/2WAY RECORD button.
—A beep sounds.
—The number on the call counter increases by one.
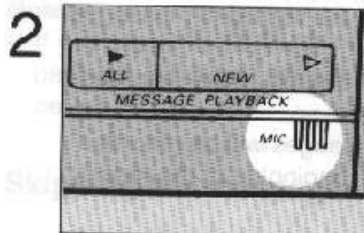
2 | Speak immediately after the long beep, about 20 cm (8") away from the MIC (microphone).
—"⊙⊙" on the call counter flashes while recording.
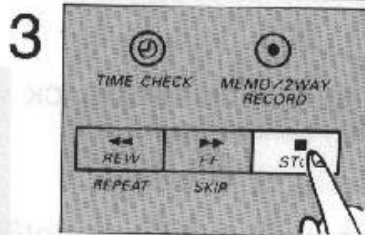
3 | To stop recording, press the STOP button.

Monitoring an incoming call ——

While an incoming call is being recorded, you can monitor and answer it if you wish. To use this feature with the portable handset, see page 59.
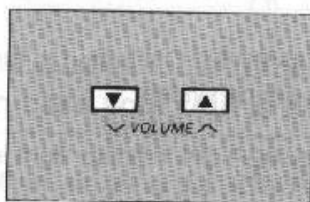
When the unit answers a call, the caller's message is heard through the speaker on the base unit.

Adjust the volume. (See page 20.)

Helpful hint:
—To answer the call using the base unit while monitoring, press the SP-PHONE button.

Recording your telephone conversation

While speaking with someone on the base unit, you can record your conversation.

To use this feature with the portable handset, see page 60.

1
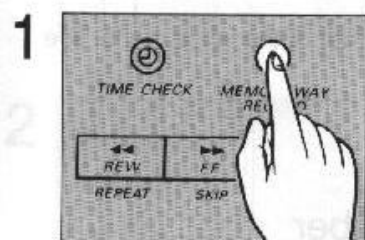
During your conversation, press the MEMO/2WAY RECORD button.

—A beep sounds. Then, the recording starts.

—The number on the call counter increases by one.

2
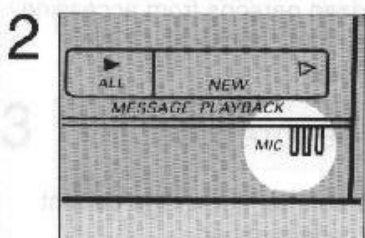
Continue your conversation through the MIC.

—" 🔲 " on the call counter flashes while recording.

3
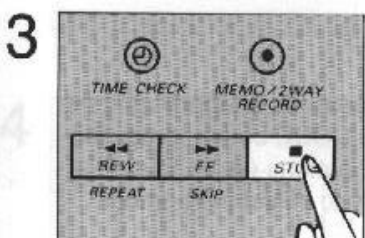
To stop recording, press the STOP button.

Note:

—Many states have imposed regulations on the manner in which 2-way telephone conversations may be recorded, so you should inform the other party that the conversation is being recorded. Consult your local telephone company for further information.

Remote operation from a touch tone phone

You can operate your answering system remotely with a touch tone telephone while you are away from home.

The synthesized voice will give you the direction how to operate your unit over the telephone.
—To operate the unit directly skipping the order of the voice menu, see pages 50 through 54.
—For Toll Saver feature, see page 21.

Setting the remote code number

The remote code number prevents unauthorized persons from accessing your unit and listening to your messages. You can choose any 2-digit number (00 to 99) for your remote code number.

1
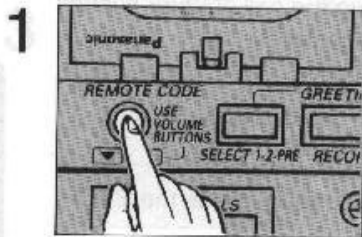
Press the REMOTE CODE button.

—The call counter shows the current remote code number.
—Factory preset number is "11".

2
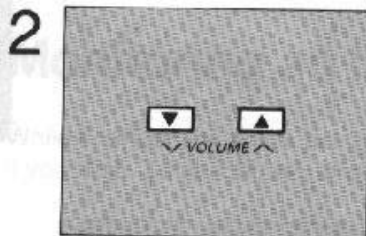
Within 7 seconds after pressing the REMOTE CODE button, press the VOLUME buttons (▲ or ▼) repeatedly to select the number.

—Wait for 7 seconds after selecting the number.
Then the number on the call counter is stored.

To check the remote code

Press the REMOTE CODE button.
The call counter shows the programmed remote code number for 7 seconds.

Going into voice menu

1

Call your unit from a touch tone telephone.

2
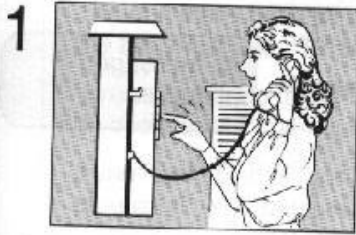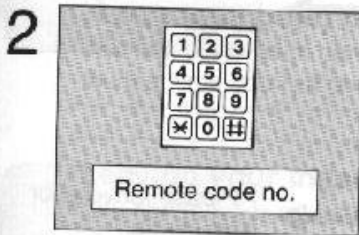
Enter your remote code number during greeting message playback.

—The unit tells you the number of recorded messages.

Remote code no.

3
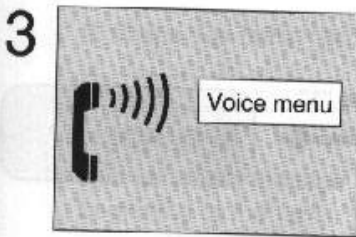
After 3 seconds, the unit starts the voice menu function.

Voice menu

—"Press 1 to play back all messages, press 2 for other functions." is announced.

4

1 OR ABC 2
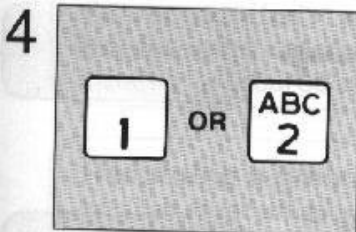
Press "1" to use the announced feature or press "2" to proceed to other functions.

Answering system

List of the voice menu

Press 1 to play back all messages.
Press 2 for other functions.

→ Press "1". → All message playback

↓ Press "2".

Press 1 to play back new messages.
Press 2 for other functions.

→ Press "1". → New message playback

↓ Press "2".

Press 1 to record your message.
Press 2 for other functions.

→ Press "1". → Please leave your message.

↓ Press "2".

Press 1 to reset tape.
Press 2 for other functions.

→ Press "1". → Reset tape.

↓ Press "2".

Press 1 for room monitor.
Press 2 for other functions.

→ Press "1". → Room monitor

↓ Press "2".

Press 1 to record your greeting.
Press 2 for other functions.

→ Press "1". → Press 7 to record your first greeting. Press 8 to record your second greeting. Press 9 to end recording your greeting.

↓ Press "2".

Repeat from the beginning.

All messages playback

The unit plays back all the recorded messages. At the end of the last message, "End of final message." is heard.

If you want to continue the voice menu operation, wait for 3 seconds, the unit will restart voice menu from the beginning.

If you hear "End of tape" after retrieving your messages, the tape is full. You must reset the tape.

New message(s) playback

The unit plays back only messages that were recorded since the last time you retrieved.

Leaving your message

You can leave a memo message.

1. Speak after announcement "Please leave your message.".

2. When you finish recording, hang up.

Reset tape

You can reset the tape to record the new messages from the beginning of the tape.

Room monitor

You can monitor the sound in the room where the unit is installed for about 30 seconds.

Recording a greeting message

You can re-record your greeting message.

1. Press "7" or "8".
   You hear announcement "Recording your first (second) greeting.", followed by a long beep.
2. Speak after the long beep.
3. When you finish recording, press "9".

—Do not pause for over 5 seconds while recording. If you hear 6 beeps and announcement "Record your greeting again.", repeat from step 1.

Answering system

Direct remote operation (Basic)

You can also retrieve your messages and control the unit directly in lieu of using the voice menu.

1 Call your unit from a touch tone telephone.

2 Press your remote code number during greeting message playback.

—The unit tells you the number of recorded messages.
—Proceed to step 3 within 3 seconds, or voice menu starts.

1	2	3
4	5	6
7	8	9
✱	0	⊞

Remote code no.

3

| GHI 4 | **To play back new messages only** |

Press **4** button.

—"New message playback" is announced.
—The unit plays back only the messages that you have not retrieved.

| JKL 5 | **To play back all messages** |

Press **5** button.

—"All message playback" is announced.
—The unit plays back all the recorded messages.

"End of final message."

4 Hang up. The messages are saved.

During playback

To skip the message

Press [2] button.

—"Skip" is announced, and the unit forwards the tape to the beginning of the next message and starts playback.
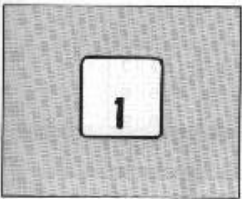
To repeat the message

Press [1] button.

—"Back space" is announced, and the unit rewinds the tape to the beginning of the message and starts playback.

To reset the tape after playback
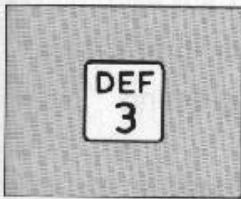
Press [3] button within 5 seconds.

—"Reset tape" is announced.
—When you played back all messages, the unit rewinds the tape to the beginning.
—When you played back only new messages, the unit rewinds the tape to the beginning of new messages.
—A beep sounds after completely rewinding tape.

If you want to rewind the tape to the beginning after played back only new messages:

Press [3] button again after hearing a beep (the tape has been reset).

—The unit rewinds the tape to the beginning.
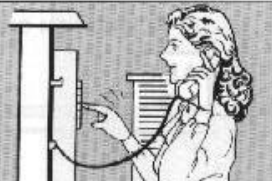
If you want to cancel resetting of the tape:

Press [2] button.

Answering system

— 51 —

# Direct remote operation (Advanced)

1 Call your unit from a touch tone telephone.

**2** Press your remote code number during greeting message playback.

—The unit tells you the number of recorded messages.
—Proceed to step 3 within 3 seconds, or voice menu starts.

1	2	3
4	5	6
7	8	9
✱	0	#

Remote code no.

3 **To re-record the greeting message**

① Press [7] button to re-record first greeting message.

Press [8] button to re-record second greeting message.

—The unit rewinds the greeting message tape to the beginning, then "Record your greeting." is announced.

② Speak immediately after a long beep.

—Do not pause for over 5 seconds. If "Record your greeting again." is announced, start again from step ① within 10 seconds.

③ To stop recording, press [9] button.

—The newly recorded greeting message will be played back.
—When you want to re-record, start again from step ①.

4 Hang up to end the remote operation.

Direct remote operation (Advanced)

1

Call your unit from a touch tone telephone.

2

Press your remote code number during greeting message playback.

—The unit tells you the number of recorded messages.
—Proceed to step 3 within 3 seconds, or voice menu starts.

1	2	3
4	5	6
7	8	9
✱	0	#

Remote code no.

3

To re-record the greeting message

① Press 7 button to re-record first greeting message.
Press 8 button to re-record second greeting message.

—The unit rewinds the greeting message tape to the beginning, then "Record your greeting." is announced.

② Speak immediately after a long beep.

—Do not pause for over 5 seconds. If "Record your greeting again." is announced, start again from step ① within 10 seconds.

③ To stop recording, press 9 button.

—The newly recorded greeting message will be played back.
—When you want to re-record, start again from step ①.

4

Hang up to end the remote operation.

From a touch tone phone

To turn off the answering system

1. Call your unit from a touch tone telephone.

2. Press your remote code number during greeting message playback.
   The unit announces the number of recorded messages.

3. Press ☐ 0 ☐ button within 3 seconds.

   "Turn off. Thank you for your calling." is announced.

   Then hang up.

To turn on the answering system

You can easily turn on the answering system even when you forgot to turn it on.

1

```
1 2 3
4 5 6
7 8 9
* 0 #
```
Telephone no.

Call your unit.

2
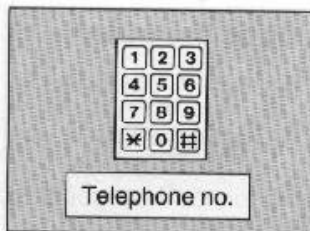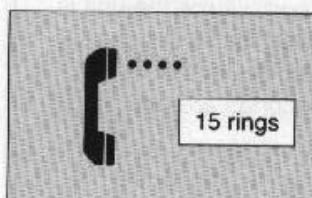
15 rings

Wait for 15 rings.

—The unit will answer, and the greeting message is heard. Then, hang up.

Remote operation from the portable handset

—You can operate your answering system remotely with your portable handset.
—The synthesized voice menu will give you the direction how to operate the unit. Direct remote operation in lieu of using the voice menu is also available.

If "ANS-OFF" is displayed when you press the SCREEN/PLAYBACK button, the answering system is off. To set the unit to answer calls, press "#".

Note:
—When the MESSAGE ALERT selector is set to the ON position, 4 short beeps sound twice on the portable handset, which means that the recording of incoming message is over.

Voice menu

When you press the SCREEN/PLAYBACK button, the base unit waits
3 seconds for direct remote command. If no command, the unit starts the
following voice menu.

Press "4" to play back new messages.
Press "5" to play back all messages.
Press "6" for room monitor.

Direct remote operation (Basic)

1 Press the SCREEN/PLAYBACK button.

—The number of messages is announced and displayed.
—Proceed to step 2 within 3 seconds, or the voice menu starts.

2

GHI 4 NEW MSG	**To play back new messages only**

Press GHI 4 button.
NEW MSG

—"New message playback" is announced.
—The unit plays back only the messages that you have not retrieved.

JKL 5 ALL MSG	**To play back all messages**

Press JKL 5 button.
ALL MSG

—"All message playback" is announced.
—The unit plays back all the recorded messages.

"End of final message."

3 Press the SCREEN/PLAYBACK button to end the operation.

—The messages are saved.

During playback

To skip the message

Press [ABC 2] button.
SKIP

—"Skip" is announced, and the unit forwards the tape to the beginning of the next message starts playback.
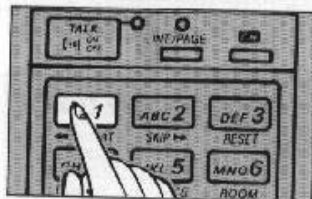
To repeat the message

Press [1] button.
REPEAT

—"Back space" is announced, and the unit rewinds the tape to the beginning of the message and starts playback.

To reset the tape after playback
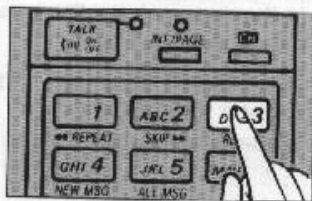
Press [DEF 3] button.
RESET

—"Reset tape" is announced.
—When you played back all messages, the unit rewinds the tape to the beginning.
—When you played back only new messages, the unit rewinds the tape to the beginning of new messages.
—A beep sounds after rewinding tape.

If you want to rewind the tape to the beginning after played back only new messages:

Press [DEF 3] button again after hearing a beep (the tape has been reset).
RESET

—The unit rewinds the tape to the beginning.

If you want to cancel resetting of the tape:

Press [ABC 2] button.
SKIP

Answering system

Direct remote operation (Advanced)

1 | Press the SCREEN/PLAYBACK button.

—The number of messages is announced and displayed.
—Proceed to step 2 within 3 seconds, or the voice menu starts.

2 |

To change the greeting message to first

Press 〔TONE✳〕〔 1 〕 button.

To change the greeting message to second

Press 〔TONE✳〕〔ABC2〕 button.

To change the greeting message to pre-recorded

Press 〔TONE✳〕〔DEF3〕 button.

—The selected greeting message is played back.

To monitor the room sound

Press 〔MNO6〕 button.
ROOM

—"Room monitor" is announced.
—You can monitor the sound in the room where the base unit is installed for 30 seconds.
—A beep sounds when 30 seconds are up.

3 | Press the SCREEN/PLAYBACK button to end the operation.

—The messages are saved.

To monitor an incoming call

You will know that an incoming message is being recorded by the slow flashing of the SCREEN/PLAYBACK indicator.
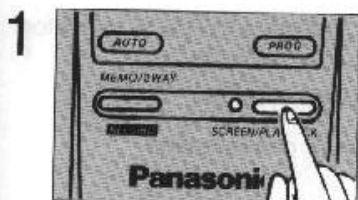
1 Press the SCREEN/PLAYBACK button.

—The SCREEN/PLAYBACK indicator turns to a steady light from a slow flashing, and you can listen to the incoming call.
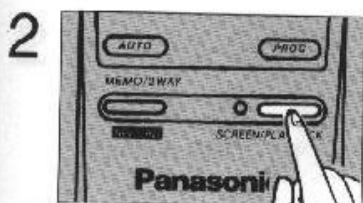
2 To stop remote operation, press the SCREEN/PLAYBACK button again.

Helpful hint:
—To answer the call while monitoring, press the TALK button.

To record your own message

1 Press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light is on.
A long beep sounds.

2 Speak with your portable handset right after the long beep.

3 To stop recording, press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light goes out.

Answering system

To record your telephone conversation
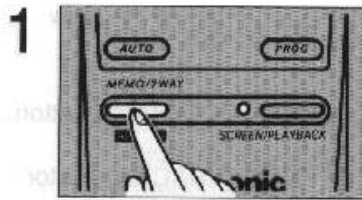
1 During your conversation, press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light is on.
—A long beep sounds.

2 Continue your conversation.

3 To stop recording, press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light goes out.

Note:
—Many states have imposed regulations on the manner in which 2-way telephone conversations may be recorded, so you should inform the other party that the conversation is being recorded. Consult your local telephone company for further information.

To turn off the answer mode

1. Press the SCREEN/PLAYBACK button.

2. Press [OPER 0] button.
   ANS OFF

   "ANS-OFF" is displayed and the answer mode is turned off.

To turn on the answer mode

1. Press the SCREEN/PLAYBACK button.

2. Press [#] button.
   ANS ON

   "ANS-ON" is displayed and the answer mode is turned on.

Battery replacement

Replace the battery with a new one if " +▭▬ " flashes after a few telephone calls even when the battery has been charged for 10 hours.

1
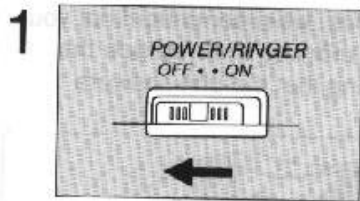
POWER/RINGER
OFF • • ON

Set the POWER/RINGER switch on the portable handset to the OFF position, to prevent the memory loss.

2
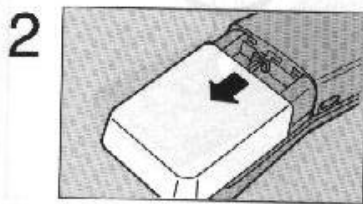
Remove the battery compartment cover.

3

Replace the battery.

Battery

4
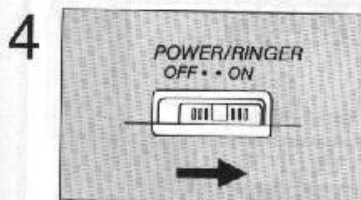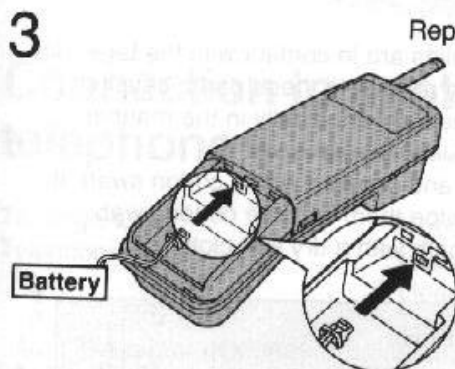
POWER/RINGER
OFF • • ON

Close the cover and set the POWER/RINGER switch to the ON position.

Note:
—Please use only Panasonic KX-A36A battery. (For accessory order, call toll free 1-800-332-5368.)
—Remember to charge the battery for about 10 hours before use, after replacing the battery.

Maintenance of cassette tape and deck

Cassette tape
—For optimum sound quality and performance, we recommend that you **use the opposite side (side-2) after six months and replace the tape with a new one every year**, assuming that the unit answers about ten calls a day.
—Never place a cassette tape near a magnetic source, such as a magnet or a TV set; because it may erase or distort the recorded message on the tape.
—Slack in the tape can be tightened by rotating the tape reel with an instrument like a pencil, as shown.
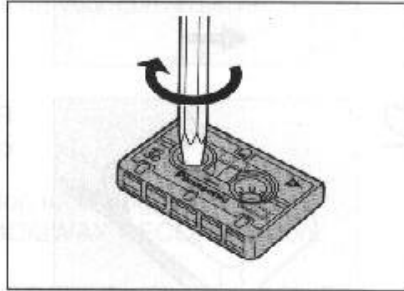
Tape deck
Since the head and capstan assemblies are in contact with the tape, dirt and residue from the tape may easily adhere to these parts, causing distortion. These parts should be cleaned periodically in the manner described below.

Clean the head surface, pinch roller and capstan with a cotton swab. If these surfaces are extremely dirty, wipe them with the cotton swab dampened with alcohol, then wipe them with a dry soft cloth.

Head   Pinch Roller

Cotton Swab   Capstan
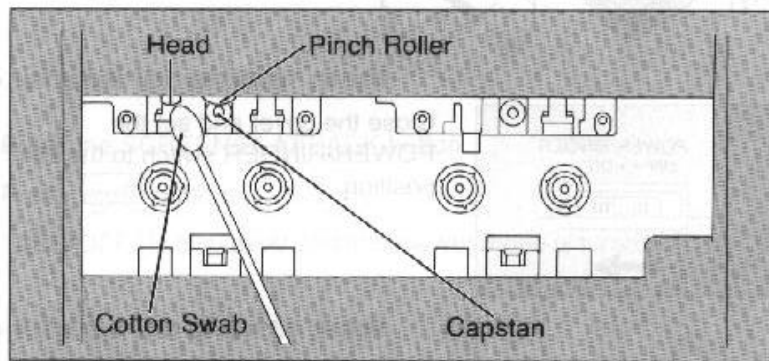
Notes:
—Do not bring magnetic or metal objects, such as a screwdriver, near the head assemblies, as such objects could magnetize the heads.
—Do not oil any part of the unit.

Cassette panel Installation
If the panel comes off, replace it by pushing as shown.

Insert into slots of
the base unit slowly.
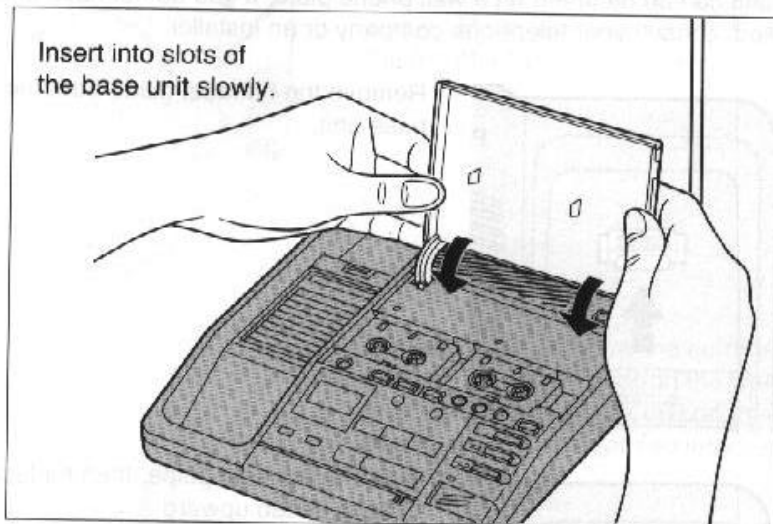
Connection to another telephone

To Single-Line
Telephone Jack

T-Adaptor (KX-J66)

If you connect a reserve telephone
(standard telephone) on the same line,
please purchase a Panasonic
T-adaptor KX-J66.
(For accessory order, call toll free
1-800-332-5368.)

Telephone Line Cord
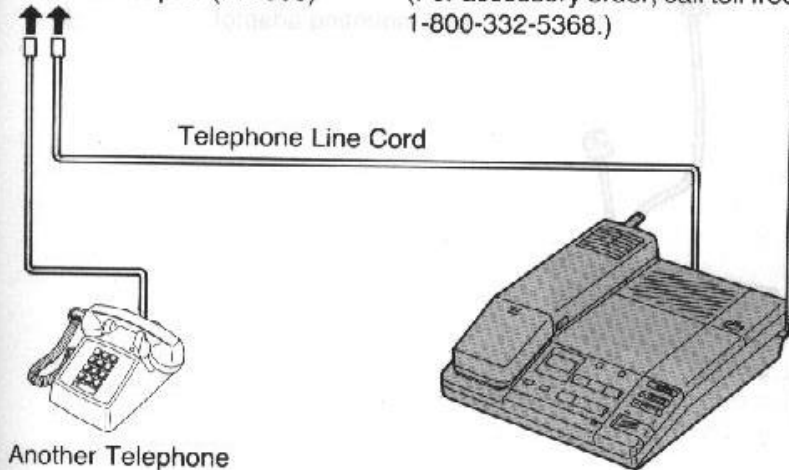
Another Telephone

Wall mounting

This unit can be mounted on a wall phone plate. If you do not have one installed, consult your telephone company or an installer.
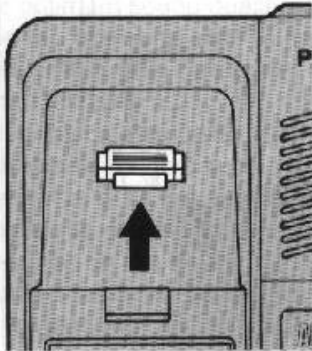
1 Remove the handset guide from the base unit.
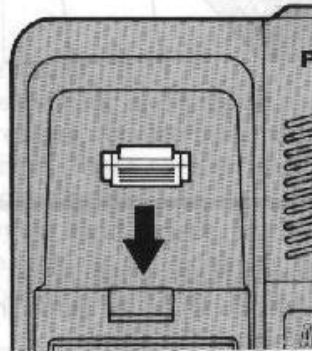
2 Turn the handset guide, then replace it making its tab upward.
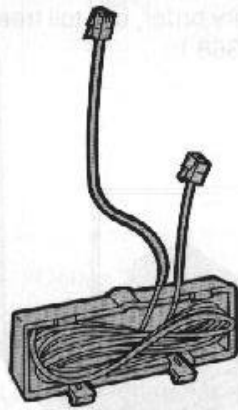
3 Tuck the telephone line cord inside the wall mounting adaptor.

4
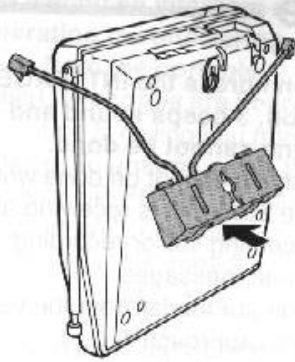
Insert the tabs of the wall mounting adaptor into the openings of the unit, then push it in the direction of the arrow. (Make sure the word "UP" on the adaptor faces upward.)

5
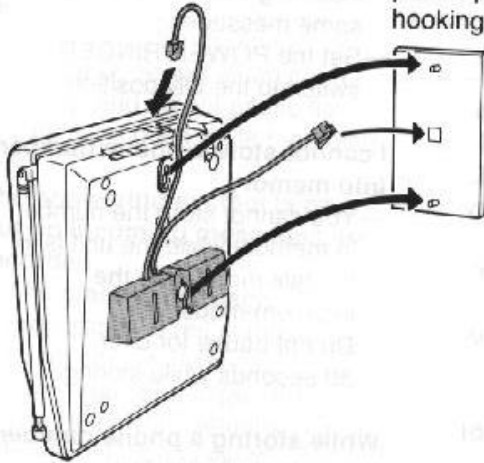
Connect the telephone line cord to the unit and to the wall-jack on the wall phone plate. Mount the unit on the wall phone plate, then seat securely by hooking as shown.

Troubleshooting guide

Cordless telephone

Static, sound cuts in and out, fades. Interference from other unit.
—Electrical interference may cause static and poor range. Set the portable handset and the base unit away from other electric appliances.
—You may be too far from the base unit. Approach it.
—Extend the antennas of the base unit and the portable handset fully.
—Change the channel.

When I press the TALK button to make a call, 3 beeps sound and "OUT RANGE" is displayed.
—Approach the base unit and try again.
—Place the portable handset on the base unit and try again.
—Make sure that the AC adaptor is connected.

The portable handset does not ring.
—The POWER/RINGER switch is in the OFF position. Set to the ON position.

The base unit does not ring.
—The RINGER selector is in the OFF position. Set to the HIGH or LOW position.

When I press the INT'/PAGE button, 3 beeps sound and paging cannot be done.
—Paging cannot be done while the base unit is receiving an incoming call or recording some messages.
—You are too far from the base unit. Approach it.

I cannot page the portable handset from the base unit.
—Paging cannot be done while the base unit is receiving an incoming call or recording some messages.
—Set the POWER/RINGER switch to the ON position.

I cannot store a phone number into memory.
—You cannot store the number in memory while the unit is in the talk mode or in the intercom mode.
—Do not pause for over 30 seconds while storing.

While storing a phone number, the unit starts to ring.
—You can answer the call by pressing the TALK or SP-PHONE button. The program will be canceled; store the phone number again.

A beep sounds every 15 seconds during a conversation.
—Charge the battery fully. (See page 3.)

While having an intercom call or operating the answering system from the portable handset, two tones are heard.
—Someone is calling you from outside. To answer, press the TALK or SP-PHONE button. Intercom call or remote operation is terminated.

Answering system

The call-counter shows "E" (error), or 6 quick beeps sound during greeting message recording, and it results in failure.
—Re-record your greeting message. Speak clearly and loudly, and do not pause for over 5 seconds while recording.

The answering system is on, but no incoming messages are recorded.
—The greeting message preparation is not completed, so no one can leave a message. (See page 16.)
—The REC TIME selector is in the GREETING ONLY position. Change it to the VOX or 1 MIN position.
—The incoming message tape is full. Reset it or replace with a new one.

The call counter shows "E" (error) when you return.
—The cassette tape is cut or is not inserted. Insert the tape or replace it with a new one.

I cannot operate the answering system by using the button of the base unit.
—The portable handset user is operating the answering system. After the IN USE/ INTERCOM indicator light goes out, try again.

A beep sounds every 10 seconds on the base unit.
—New messages are recorded. Play back the messages.

I cannot operate the answering system from a touch tone phone.
—Be sure that you press your correct remote code number.
—In some areas, a remote touch tone phone may not function due to telephone line conditions such as line noise, echo, etc.
—The answering system may not respond if a touch tone phone produces tones which are too short to activate the unit. Press each button firmly and long.
—The answering system is off. Turn it on. (See page 54.)

When the tape is played back, the sound level is low, even if the volume level is set to maximum.
—Clean the heads. (See page 62.)

Some incoming messages have not been recorded up to their end.
—Set the CPC selector to the B position. (See page 20.)

Other information

I cannot operate the answering system with the portable handset.
—Other person is operating the answering system. Wait for a while.

When pressing the SCREEN/PLAYBACK button, 3 beeps sound and operation cannot be accomplished.
—Someone is operating the answering system.
—You are too far from the base unit. Approach it.

4 short beeps are heard twice from the portable handset.
—A new message is just recorded on your answering system.

General

I cannot use the unit during a power failure.
—The unit will not function during a power failure. We recommend that you connect a reserve telephone and use it during a power failure. (See page 63.)

The unit does not work.
—The connection of the unit was made improperly. Refer to page 14.
—The portable handset battery becomes weak. Charge the battery fully. (See page 3.)
—The security codes in the portable handset and the base unit are not the same. Place the portable handset on the base unit. (See page 37.)

" +⊏ ▬ " on the display flashes.

A beep sounds every 15 seconds during a conversation.
—Charge the battery fully. (See page 3.)

I charged the battery for 10 hours, but " +⊏ ▬ " flashes after a few telephone calls.
—Clean the battery charge contacts and charge once more. (See page 3.)
—It is time to change the battery. Please replace with a new one. (See page 61.)

While operating the unit, the AC adaptor feels warm.

The CHARGE indicator light never goes out while the portable handset is on the base unit.
—These are normal conditions.

Important safety instructions

When using this unit, basic safety precautions as below 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 wall 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. Install this unit securely on a stable surface. Serious damage may result if the unit falls.
6. Do not cover slots and openings of the unit, for they are provided for ventilation and protection against overheating. Never place the unit near radiators, in/or a place where proper ventilation is not provided.
7. Use only the power source as marked on the unit. If you are not sure of the type of the power supply to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step on the cord.

9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push any objects into this unit through slots as they may result in risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

    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.

Other information

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D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions, for improper adjustment may require extensive work by a qualified technician.
E. If the unit has been dropped or damaged.
F. If the unit exhibits a distinct change in performance.

13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of electric shock from lightning.
14. Do not use this unit to report a gas leak in the vicinity of it.

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) instructed.
2. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery 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:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

FCC and other information

If requested by the telephone company, inform them as follows:
FCC registration No.
(found on the bottom of the unit)
Ringer Equivalence 0.2B
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 No. (REN):
The 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 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:
To assure continued compliance with FCC rules, do not make any unauthorized modifications.

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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 hours or late evenings.

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.

- If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, have your unit repaired by one of the specified Panasonic Factory Service Centers. If the known working phone does not operate properly, consult with your telephone company.
- The unit should not be placed in room where the temperature is less than 5°C (41°F) or greater than 40°C (104°F).
- The unit should be situated so that the location or position does not interfere with its proper ventilation. Allow 10 cm (4") clearance around the unit.
- When unit is not used, turn the power off. When left unused for long periods of time, the base unit should be unplugged from the household AC outlet.
- The antenna of the portable handset should not be touched during use for best performance.
- The possible calling distance may be shortened when the unit is used in the following places;
  Near obstacles such as hills, tunnels, underground, near metal objects such as wire fence.
- Do not place heavy objects on the top of this unit.
- Place the unit on a flat level surface, or use the wall mounting adaptor for wall installation. Damp basements should also be avoided.
- Do not subject this unit to excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
- Do not use benzine, thinner, or any abrasive powder, to clean the cabinet. Wipe it with a soft cloth.

OPERATION FROM PORTABLE HANDSET
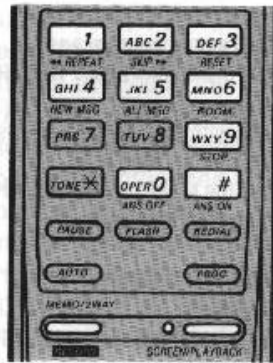
If "ANS-OFF" is displayed when you press the SCREEN/PLAYBACK button, the answering system is off. To set the unit to answer calls, press **#**.

Press the SCREEN/PLAYBACK button.

↓

Press your desired dial button within 3 seconds.
—To play back all messages, press **5**.
—To play back new messages, press **4**.
—For back space, press **1**.
—For skip, press **2**.
—To reset the tape after playback, press **3**.
—To monitor the room sound, press **6**.

↓

Press the SCREEN/PLAYBACK button to end the operation.
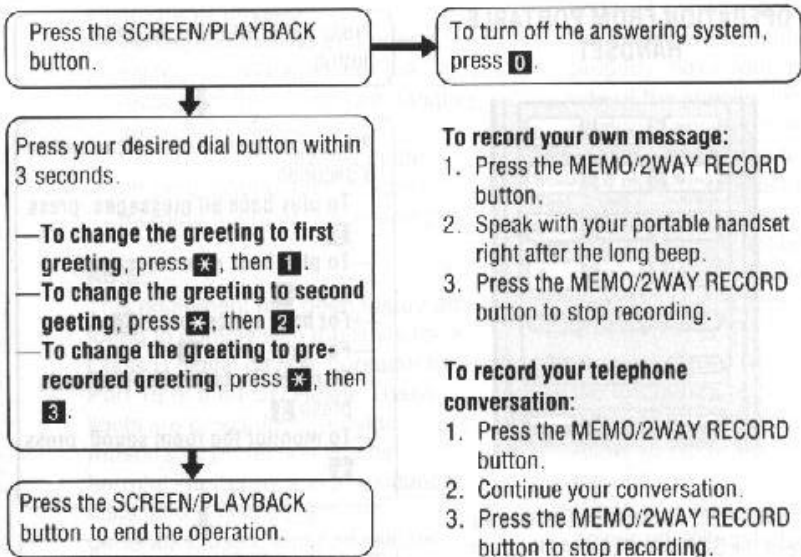
OPERATION FROM TONE PHONE

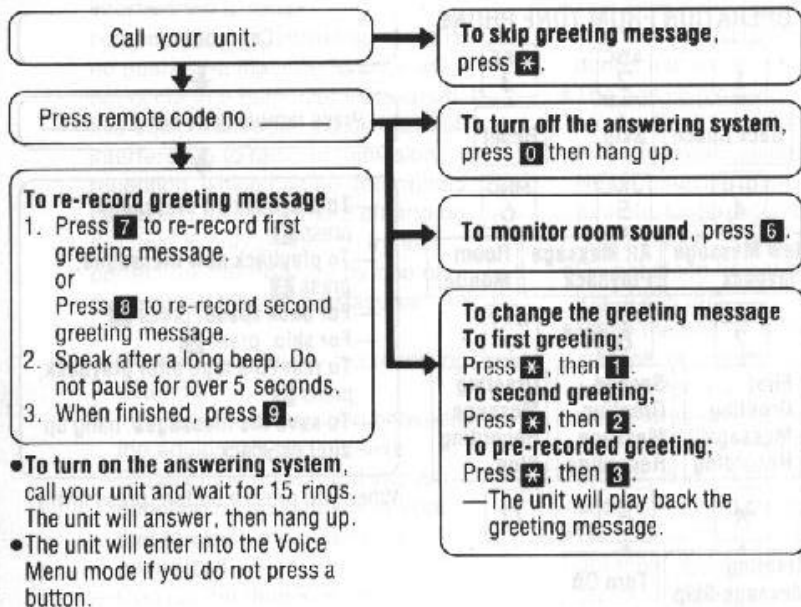| 1	ABC 2	DEF 3
Back Space	**Skip**	**Reset**
GHI 4	JKL 5	MNO 6
New Message Playback	**All Message Playback**	**Room Monitor**
PRS 7	TUV 8	WXY 9
First Greeting Message Recording	**Second Greeting Message Recording**	**Greeting Message Recording Stop**
✳	OPER 0	#
Greeting Message Skip	**Turn Off**	

Call your unit.

↓

Press remote code no. _____

↓

—To playback all messages, press **5**.
—To playback new messages, press **4**.
—For back space, press **1**.
—For skip, press **2**.
—To reset the tape after playback, press **3**.
—To save the messages, hang up after playback.

When you press a button, press firmly.

Press the SCREEN/PLAYBACK button.

To turn off the answering system, press [0].

Press your desired dial button within 3 seconds.

—To change the greeting to first greeting, press [*], then [1].
—To change the greeting to second geeting, press [*], then [2].
—To change the greeting to pre-recorded greeting, press [*], then [3].

Press the SCREEN/PLAYBACK button to end the operation.

To record your own message:
1. Press the MEMO/2WAY RECORD button.
2. Speak with your portable handset right after the long beep.
3. Press the MEMO/2WAY RECORD button to stop recording.

To record your telephone conversation:
1. Press the MEMO/2WAY RECORD button.
2. Continue your conversation.
3. Press the MEMO/2WAY RECORD button to stop recording.

Call your unit.

To skip greeting message, press [*].

Press remote code no. _____

To turn off the answering system, press [0] then hang up.

To monitor room sound, press [6].

To re-record greeting message
1. Press [7] to re-record first greeting message.
   or
   Press [8] to re-record second greeting message.
2. Speak after a long beep. Do not pause for over 5 seconds.
3. When finished, press [9].

● To turn on the answering system, call your unit and wait for 15 rings. The unit will answer, then hang up.
● The unit will enter into the Voice Menu mode if you do not press a button.

To change the greeting message
To first greeting;
Press [*], then [1].
To second greeting;
Press [*], then [2].
To pre-recorded greeting;
Press [*], then [3].
—The unit will play back the greeting message.

Panasonic Telephone Products Limited Warranty

Panasonic Company, Panasonic Company (West) of America or Panasonic Sales Company (collectively referred to as "Panasonic") will repair this product with new or rebuilt parts, free of charge, in the U.S.A. or Puerto Rico for one (1) year from the date of original purchase in the event of a defect in material or workmanship.

Carry-in or mail-in service in the U.S.A. can be obtained during the warranty period from a Matsushita Services Company (MSC) Factory Servicenter listed in the Servicenter Directory. Or call 1-800-545-2672, toll free, to locate an authorized MSC Servicenter and mail your product adequately packed and insured.

Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the telephone numbers 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 performance is rendered. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. It does not cover damage which occurs in shipment or failures which are caused by products not supplied by Panasonic or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, lighting, line power surge, introduction of sand, dust humidity and liquids or commercial use of the product, or service by anyone other than an MSC Factory Servicenter or authorized MSC Servicenter, or damage that is attributable to acts of God.

Limits and Exclusions

There are no express warranties except as listed above. PANASONIC 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 AND FITNESS FOR A PARTICULAR PURPOSE, 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 Consumer Affairs Division at the company address indicated in the Servicenter Directory.

Servicenter Directory

If you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the complaint, to the outside of the carton. *DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.*

Product service

Panasonic Servicenters for this product are listed in the servicenter directory. Consult your authorized Panasonic dealer for detailed instructions.

For your future reference

Serial No. _____

(found on the bottom of the unit)

Date of purchase _____

Name of dealer _____

Dealer's address _____

Panasonic Company,
Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Company (West) of America,
Division of Matsushita Electric Corporation of America
6550 Katella Avenue, Cypress, California 90630

Panasonic Sales Company (PSC),
Division of Matsushita Electric of Puerto Rico, Inc.
San Gabriel Industrial Park, 65th Infantry Avenue, KM 9.5, Carolina,
Puerto Rico 00630

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