Panasonic

Cordless Phone with Answering System

Model No. KX-T4550-B
KX-T4550D-B

Pulse-or-tone dialing capability

Operating Instructions

SOUND CHARGER
PLUS

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for 3 hours before initial use.

Before Initial Use

Please read IMPORTANT SAFETY INSTRUCTIONS on pages 63-64 before use. Read and understand all instructions.

Thank you for purchasing the Panasonic cordless telephone answering system with full-digital memory.

┌─────────────────────────────────────┐
│ **Attach your purchase receipt here.** │
│   │
└─────────────────────────────────────┘

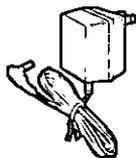### For your future reference

Serial No. _____   Date of purchase _____
(found on the bottom of the unit)

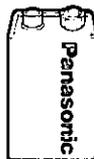Name and address of dealer _____

Accessories
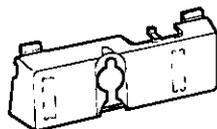
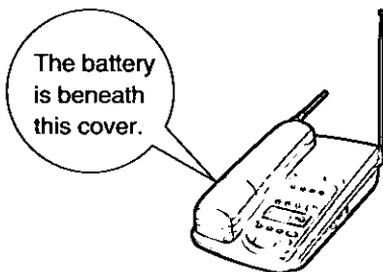| AC Adaptor (p. 11)	Telephone Line Cord (p. 11)	9V (6F22) Size Battery (p. 10)	Wall Mounting Adaptor (p. 21)
one	one	one	one

• To order accessories, call 1-800-332-5368.

For Best Performance

Battery Charge

To power the handset, charge the handset battery for 3 hours before initial use (p. 12).

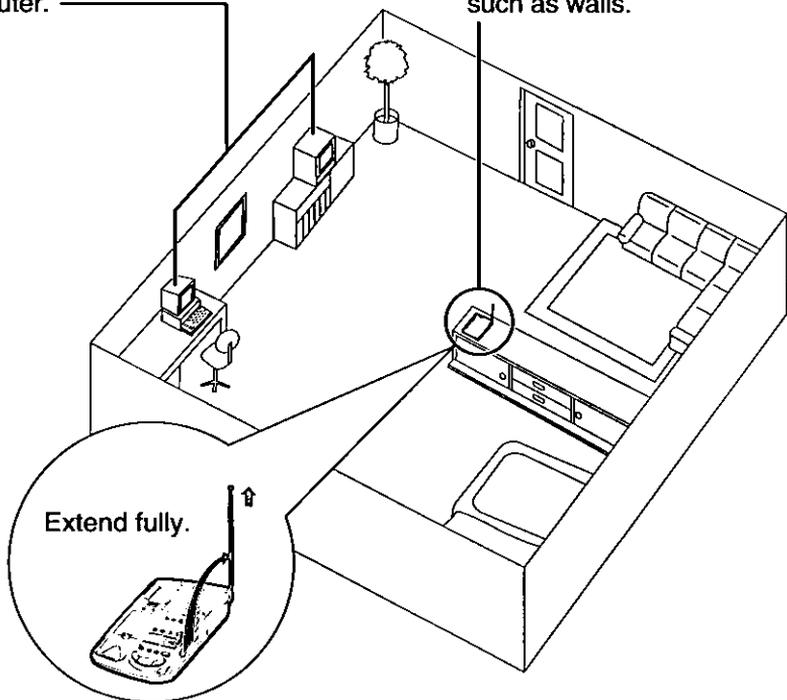The battery is beneath this cover.

Operating Distance/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 a TV, radio, or personal computer.

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

Extend fully.

3

Contents

4

Answering System

Useful Information

Location of Controls

Base unit

Mailbox Buttons (p. 31)

Antenna (p. 3)

IN USE/CHARGE
Indicator (p. 12)

VOLUME Buttons
(p. 13, 25)

Display (Call Counter) (p. 9)

Battery Compartment
(Beneath the Cover)(p. 10)

Charge Contacts
(p. 12)

ANSWER ON
Button and
Indicator (p. 36)

REPEAT Button
(p. 39)

STOP Button
(p. 39)

NEW MESSAGE
Button (p. 38)

SKIP Button
(p. 39)

HOLD Button (p. 25)

GREETING CHECK
Button (p. 13)

GREETING RECORD
Button (p. 15)

LOCATOR/INTERCOM
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DIALING MODE
Selector (p. 11)

RINGER
Selector (p. 25)

SP-PHONE
(Speakerphone) Button
and Indicator (p. 24)

PAGER CALL Button
and Indicator (p. 43)

ERASE Button (p. 40)

MIC (Microphone)
(p. 15, 24)

MEMO REC (Record)
Button (p. 41)

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Handset

Antenna

TALK Button and
Indicator (p. 22)

FLASH Button
(p. 22, 30)

INTERCOM
Button and Indicator
(p. 28)

TONE Button
(p. 30)

Panasonic

REDIAL/PAUSE Button
(p. 22, 30)

AUTO Button
(p. 26)

VOLUME/RINGER
Button (p. 22)

SCREEN/PLAYBACK
Button and Indicator
(p. 16, 52)

CH (Channel) Button
(p. 22)

BATT (Battery) LOW/
PROG (Program)
Indicator (p. 12, 17)

Charge Contacts (p. 12)

PROGRAM/
2WAY REC
(Recording) Button
(p. 16, 26, 54)

Display of the base unit

$-\phi-$

The clock needs adjustment (p. 17).

$I \, \, ^{-}_{C}$
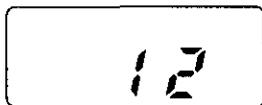
12 messeages have been recorded in common memory.

$G.O.$

The recording time is set to "greeting only" (p. 18).

E
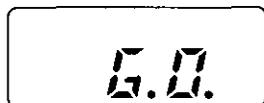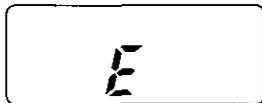
Your message was not recorded correctly. Record it again (p. 15, 41).

FULL

Memory is full. Erase some or all messages.

1 2
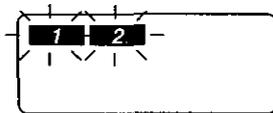
Mailbox "1" and "2" have new messages.

LOW
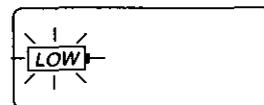
The battery is not installed in the base unit, or its power is low. Install a new one (p. 10).

5
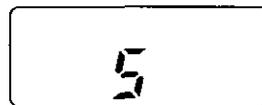
The speaker volume level is set to "5". You can select:
• 9 levels (0-8) while using the answering system.
• 8 levels (1-8) during a call with the speakerphone.

9

Base Unit Battery Installation

Install the included 9V (6F22) size battery in the base unit.
The new battery in the base unit provides approximately 1 day of retention
time for recorded messages and clock (p. 17) during a power failure.

1 Open the cover by pushing the tab and raising it.
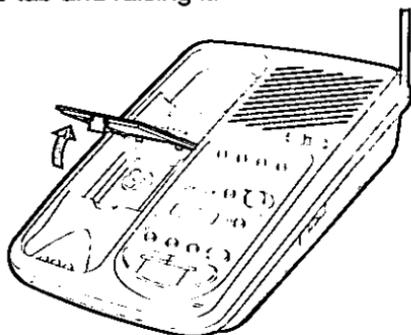
2 Install the battery in the battery compartment.

Snap on the terminals of the
battery to the battery clip of
the base unit.
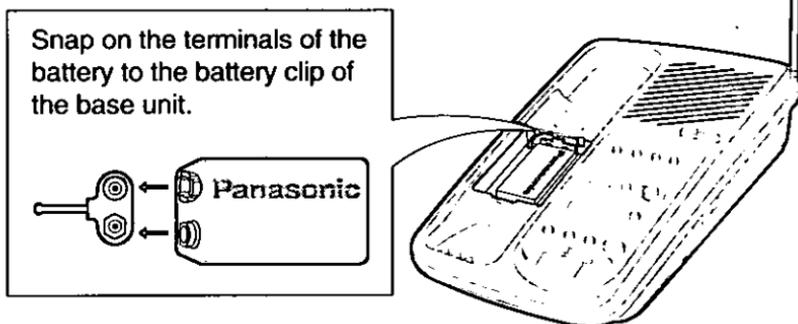
Panasonic

3 When finished, close the cover.

Connection

Preparation

Set to TONE.
DIALING MODE
• If you cannot dial, set to PULSE.

PULSE ⌐ ⌐ *TONE*

Extend the antenna fully.

Single-Line
Telephone Jack
(RJ11C)

Telephone Line Cord

Fasten the cords to
prevent from twisting.

Power Outlet
(AC 120 V, 60 Hz)

Hooks
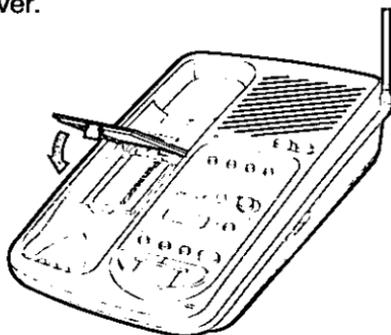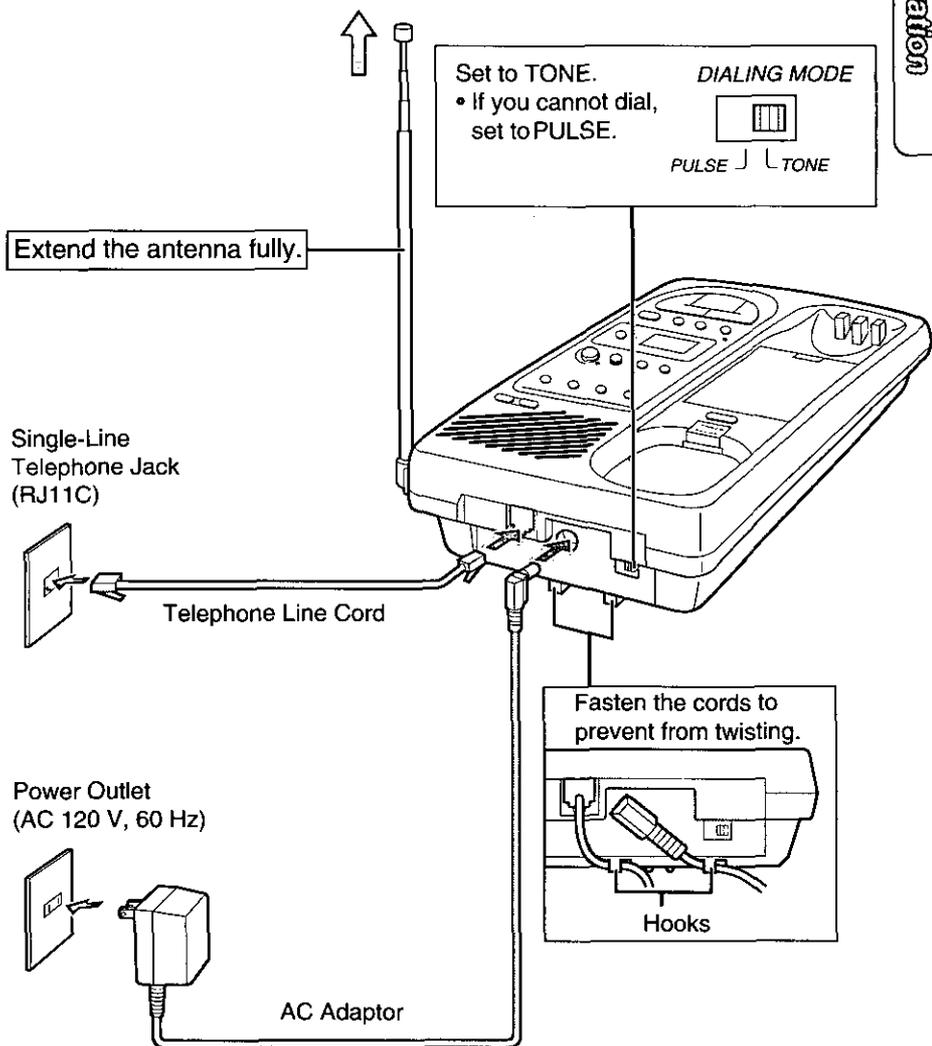
AC Adaptor

• USE ONLY Panasonic AC ADAPTOR KX-A11.
• The AC adaptor must remain connected at all times. (It may feel warm during use. This is normal.)
• If you connect a reserve telephone on the same line, see page 57.

11

Battery Charge

Place the handset on the base unit for 3 hours

• The IN USE/CHARGE indicator lights

IN USE/CHARGE
Indicator
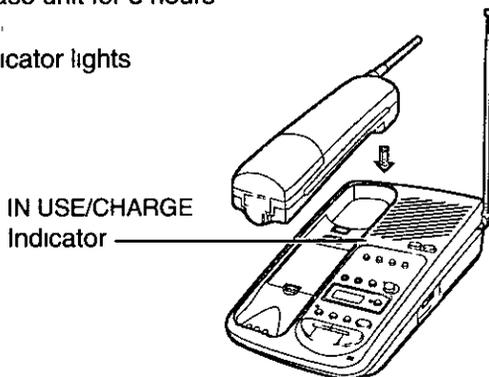
Recharge

When the BATT LOW/PROG
indicator flashes or beeps
intermittently, recharge the
handset battery

BATT LOW/PROG
Indicator
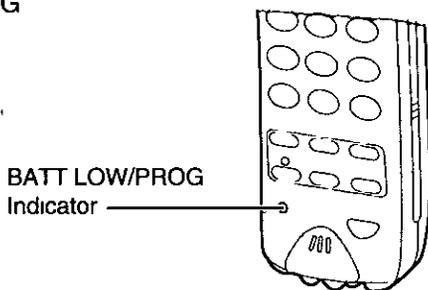
Standard battery life

If your Panasonic battery is fully charged,

While in use (TALK)	Up to about 8 hours
While not in use (Stand-By)	Up to about 30 days

• Battery life may vary depending on usage conditions and ambient
temperature
• **Clean the charge contacts with a soft cloth once a month,** or the
battery may not charge properly
• Once the battery is fully charged, you do not have to place the handset on
the base unit until the BATT LOW/PROG indicator flashes
• The battery cannot be overcharged

12

Pre-Recorded Common Greeting Message

Two pre-recorded greeting messages are prepared in common memory. If you do not record a greeting message for yourself (p. 14), one of two messages will be played when a call is received. Which message will be played depends on the caller's recording time (p. 18).

To check the pre-recorded greeting message

Press [GREETING CHECK].

• The pre-recorded greeting is played as below.

To increase the volume, press ⋀. To decrease, press ⋁.

[GREETING CHECK]
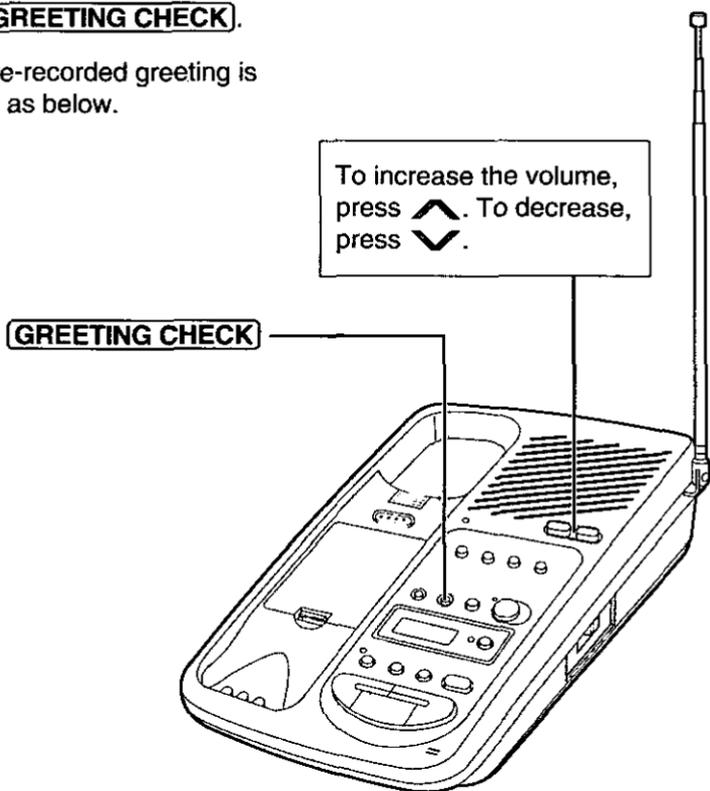
■ When the recording time is set to "1 minute" or "up to 18 minutes";
"Hello, we are not available now. Please leave your name and phone number after the beep. We will return your call."

■ When the recording time is set to "greeting only";
"Hello, we are not available now. Please call again. Thank you for your call."

Recording Common Greeting Message

You can prepare a personal greeting message for the common memory.

All messages (greeting, incoming, memo, etc.) are stored in the digital
memory. **Total recording time is about 23 minutes.** We recommend
you record **a brief greeting message** leaving more time in memory.

(GREETING CHECK)

(GREETING RECORD)

Display

(ERASE)

(STOP)

MIC
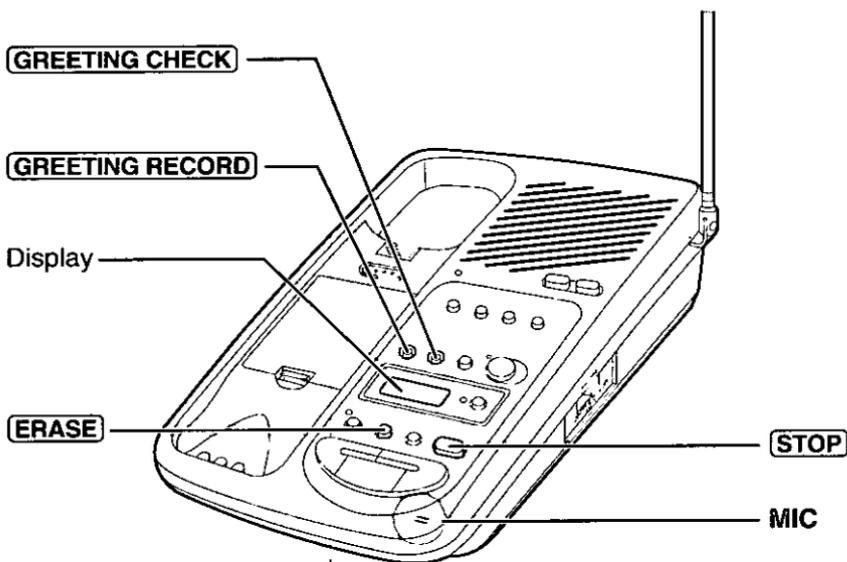
Samples of greeting message

☐ When the recording time is set to "1 minute" or "up to 18 minutes" (p. 18):
"Hello, this is (your name and/or number). Sorry, I cannot take your call.
Please leave a message after the long beep. Thank you."

☐ When the recording time is set to "greeting only" (p. 18):
"Hello, this is (your name and/or number). Sorry, I cannot take your call.
If you call back tomorrow, I'll be happy to talk to you. Thank you."

☐ When you use the mailbox feature (p. 31):
"Hello, if you would like to leave a message for John, press # and 1. For
Alice, press # and 2. For Nancy, press # and 3. For Tom, press # and 4.
Please leave a message after the long beep. Thank you."
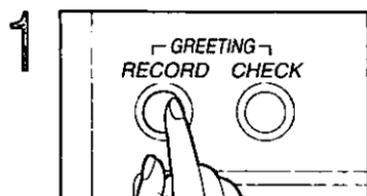
1
Press (GREETING RECORD) to start the recording mode.

• "Press RECORD again to record greeting" is heard.
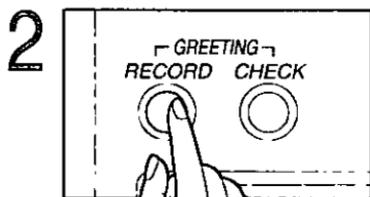
2
Within 5 seconds, press (GREETING RECORD) again to record greeting.

• A long beep sounds.
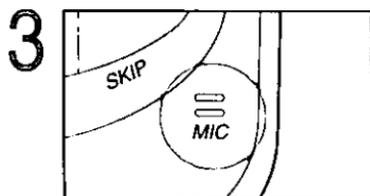
3
After the long beep, speak clearly 20 cm (8″) away from **MIC** (microphone).

• The display shows the elapsed recording time.

4
When finished, press (STOP).
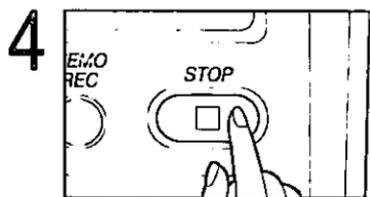
• To change the greeting message, repeat from step 1.

To check the greeting message

Press (GREETING CHECK).
• The recorded greeting is played.

To erase the recorded greeting message

1. Press (GREETING CHECK).

2. Press (ERASE) while the message is being played.
   • The unit will answer a call with the pre-recorded greeting (p. 13) hereafter.

15

Programmable Preparations

Summary of programming procedures

You can program the following functions **by using the handset near the base unit**.
See the bracketed pages for detailed procedures.

Be sure that the TALK and/or SP-PHONE indicator light is off.

Lift the handset, then press (PROGRAM/2WAY REC).

⬇

Press (SCREEN/PLAYBACK).

• If alarm tone sounds, move toward the base unit, then try again.

⬇

• To adjust **the time and day**, press "0".	(page 17)
• To set **the remote code**, press "1".	(page 45)
• To select **the number of rings**, press "2".	(page 19)
• To set **the CPC function**, press "3".	(page 20)
• To set **the greeting monitor function**, press "4".	.(page 20)
• To select **the caller's recording time**, press "5".	(page 18)
• To set **the mailbox password**, press "6".	(page 34)
• To set **the pager number**, press "#".	(page 42)

⬇

When finished, press (PROGRAM/2WAY REC).
The confirmation tone sounds.*

• To cancel the programming halfway, press (PROGRAM/2WAY REC), then restart from the beginning.
• If 6 beeps sound while programming, it means you pressed an invalid key. Enter the correct number again.

*What the confirmation tone means

1 beep: The programmed number is newly stored.
2 beeps: The number is the same as a previously stored one.
6 beeps: The number is not correct. Try again from the beginning.

Time and Day Adjustment

Voice Time/Day Stamp: During playback a synthesized voice will announce the time and day when each message is recorded.

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1 Press (PROGRAM/2WAY REC).

• The BATT LOW/PROG indicator lights.

2 Press (SCREEN/PLAYBACK).

• The indicator lights.
• "P" is displayed on the base unit to show the unit is in programming mode.

3 Press ⓪.

• "⊕" is displayed and the current time/day is heard.

4 Enter the current time (hour and minute) by using a 4-digit number. (Ex.: To set "9:30", enter "0930".)

• The entered number is displayed.

5 Press ✱ to select "AM" or "PM". Press # repeatedly to set the day.

6 When finished, press (PROGRAM/2WAY REC).

• The unit announces the time/day. The clock starts working.

(SCREEN/PLAYBACK)
and Indicator

BATT LOW/
PROG
Indicator
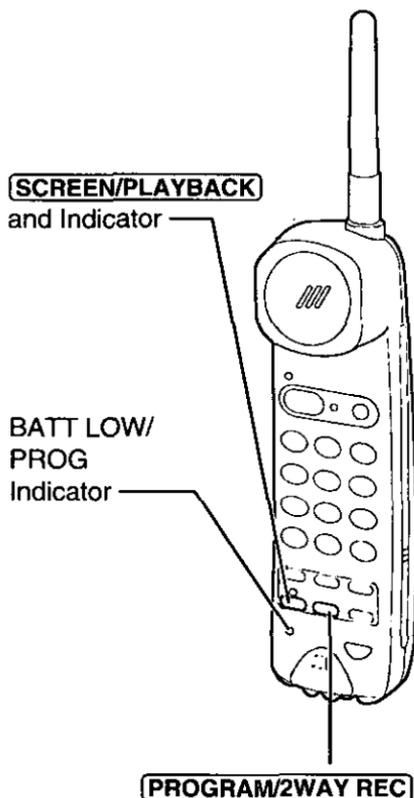
(PROGRAM/2WAY REC)

• In step 4, you cannot enter the numbers greater than 12. (To set "13:00", enter "0100" and select "PM" by pressing ✱.)
• **To check the time/day,** follow steps 1 to 3. The current time/day is heard. When finished, press (PROGRAM/2WAY REC).
• The accuracy of the clock is approximately ±45 seconds a month at room temperature.

17

Selecting the Caller's Recording Time

You may select the caller's recording time of "1 minute", "up to 18 minutes" or "greeting only". The factory preset is "up to 18 minutes".

1 Press (PROGRAM/2WAY REC).

  ° The BATT LOW/PROG indicator lights.

2 Press (SCREEN/PLAYBACK).

  ° The indicator lights.
  ° "P" is displayed on the base unit.

(SCREEN/PLAYBACK)
and Indicator

3 Press (5).

  ° The current setting is displayed.

    1: 1 minute
    2: up to 18 minutes
    3: greeting only

BATT LOW/
PROG
Indicator

4 Press (1), (2) or (3) to select the recording time.

  ° The setting is displayed.

5 When finished, press (PROGRAM/2WAY REC).

  ° The indicator lights go out.

(PROGRAM/2WAY REC)
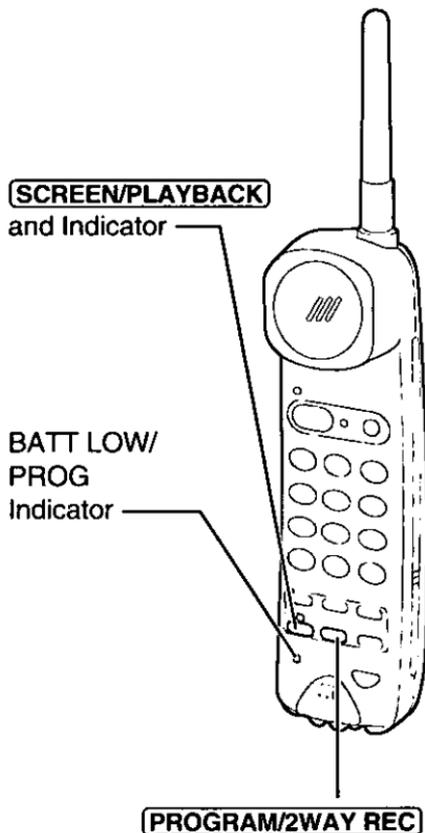
° If you select "greeting only", the unit answers a call with the greeting message, then hangs up. The unit will not record any caller's message.
° "Greeting only" works only for common memory. Callers can leave messages in mailboxes even though you have set "greeting only".

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Selecting the Number of Rings

You can select the number of rings before your answering system answers a call, "1" to "7" or "AUTO (for Toll Saver)". The factory preset is "AUTO".

1 Press [PROGRAM/2WAY REC].

 • The BATT LOW/PROG indicator lights.

2 Press [SCREEN/PLAYBACK].

 • The indicator lights.
 • "P" is displayed on the base unit.

[SCREEN/PLAYBACK] and Indicator

3 Press [2].

 • The current setting is displayed.

BATT LOW/
PROG
Indicator

4 Press a dialing button [0] to [7] to set the number of rings.

 0: Selects "AUTO". "A" is displayed.
 1-7: The unit will answer on the selected number of rings.

5 When finished, press [PROGRAM/2WAY REC].

 • The indicator lights go out.

[PROGRAM/2WAY REC]
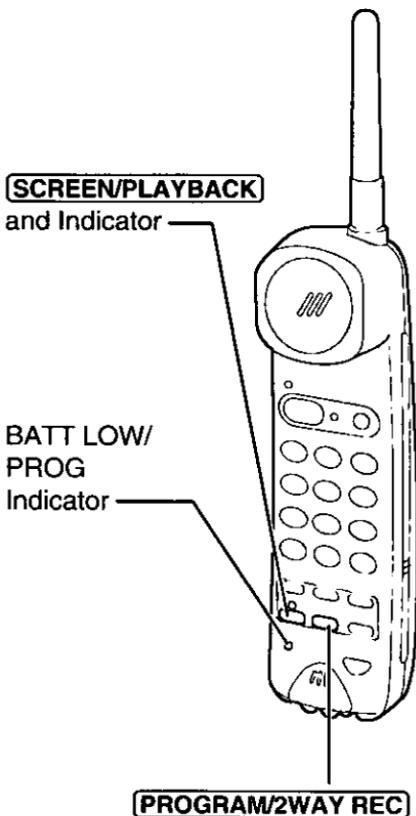
Toll Saver (When set to "AUTO")

When you call the unit from a touch tone telephone:
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 soon when you hear the 3rd ring. This saves you the toll charge for the call.

 • "Toll Saver" does not work for mailboxes.

19

Setting the CPC (Calling Party Control) Function

The CPC function is preset to "A". If you use a call waiting service, set to "b", or the call waiting tone will disconnect someone leaving a message.

1. Press (PROGRAM/2WAY REC).

2. Press (SCREEN/PLAYBACK).

3. Press ③.
   ° The current setting "A" or "b" is displayed on the base unit.

4. To select "b", press ②.
   OR
   To select "A", press ①.
   ° The setting is displayed.

5. When finished, press (PROGRAM/2WAY REC).

Setting the Greeting Monitor Function

When your greeting message is being played to the caller, you can also listen to it through the speaker. To listen, set to "2 (ON)". The factory preset is "1 (OFF)".

1. Press (PROGRAM/2WAY REC).

2. Press (SCREEN/PLAYBACK).

3. Press ④.
   ° The current setting "1" or "2" is displayed on the base unit.

4. To set to "2 (ON)", press ②.
   OR
   To set to "1 (OFF)", press ①.
   ° The setting is displayed.

5. When finished, press (PROGRAM/2WAY REC).

Wall Mounting

This unit can be mounted on a wall phone plate.

Be sure to reverse the handset hook in the cradle **so the tab holds the handset**.

① Push to remove.
② Rotate 180°.
③ Replace it with the tab upward.
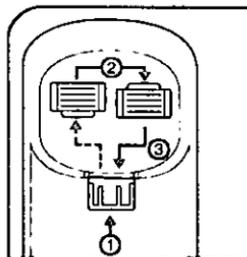
1 Connect the AC adaptor.
Tuck the telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow.

• The word "UP" should face upward.

To Power Outlet
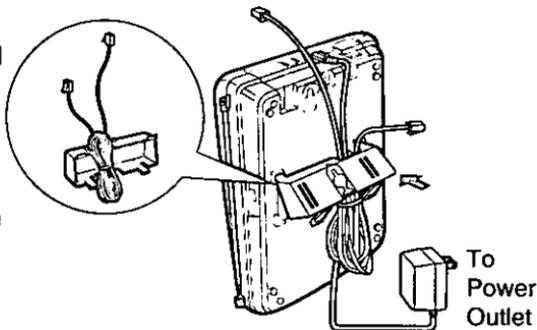
2 Connect the telephone line cord.
Mount the unit, then slide down.

• Extend the antenna fully.
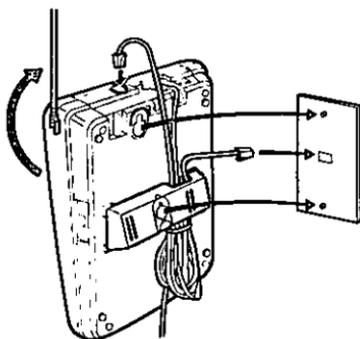
3 **To charge the handset battery**:
Place the handset on the handset hook as shown.

• The IN USE/CHARGE indicator lights.

21
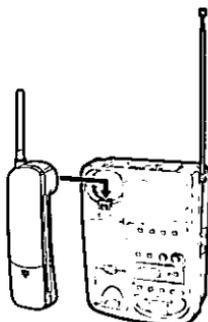
Making Calls

1 Press [TALK].

 • The indicator lights.

2 Dial a telephone number.

 • If you misdial, press [FLASH]
 firmly then dial again.

3 To hang up, press [TALK]
 or place the handset on the
 base unit.

 • The indicator light goes
 out.

[TALK] and
Indicator

[FLASH]

[REDIAL/PAUSE]
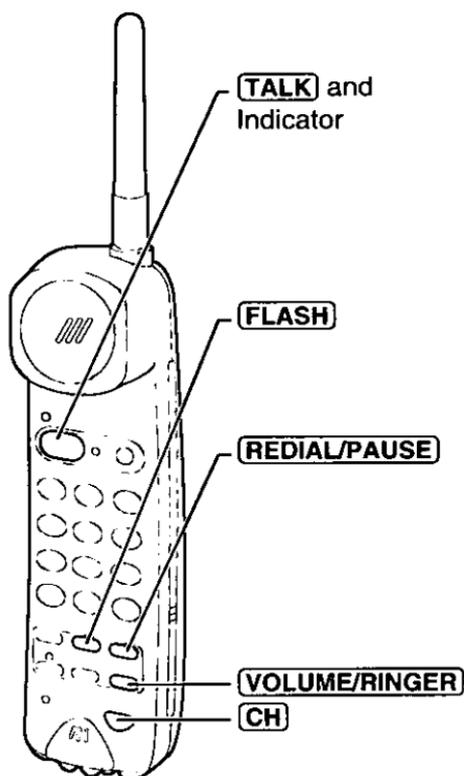
[VOLUME/RINGER]
[CH]

 • If alarm tone sounds on step 1, move toward the base unit or place the
 handset on the base unit. Then try again.

To redial the last number

Press [TALK] ⇨ [REDIAL/PAUSE].

To select the receiver volume HIGH or NORMAL (preset)

Press [VOLUME/RINGER] while speaking.
 • Each time you press, the volume level will change.

If noise interferes with the conversation

Press [CH] to select a clear channel or move closer to the base unit.

22

Answering Calls ➡

With the Handset

(TALK)

If the handset is off the base unit, press (TALK).

• You can also answer a call by pressing a dialing button 0 to 9, . or *.

OR

If on the base unit, just lift it.
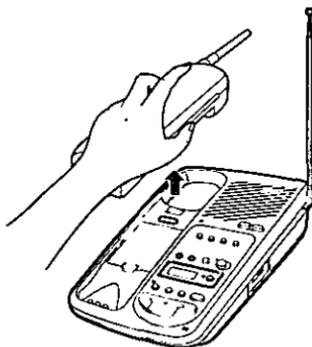
Adjusting the ringer volume

Be sure the TALK and/or INTERCOM indicator light is off.

• **To select HIGH (preset) or LOW**, press (VOLUME/RINGER).
  (Each time you press, the ringer volume will change.)

• **To turn the ringer OFF**, while pressing (VOLUME/RINGER), press (0) until 2 beeps sound.

• **To turn the ringer ON**, press (VOLUME/RINGER). The ringer sounds at the HIGH level.

With the Base Unit (Digital Speakerphone)

1 Press (SP-PHONE).

  ○ The indicator lights.

2 Speak into **MIC** (Microphone).

3 To hang up, press (SP-PHONE).

  ○ The indicator light goes out.

(VOLUME)
(⋀, ⋁)

(SP-PHONE)
and Indicator

(HOLD)

RINGER Selector

MIC
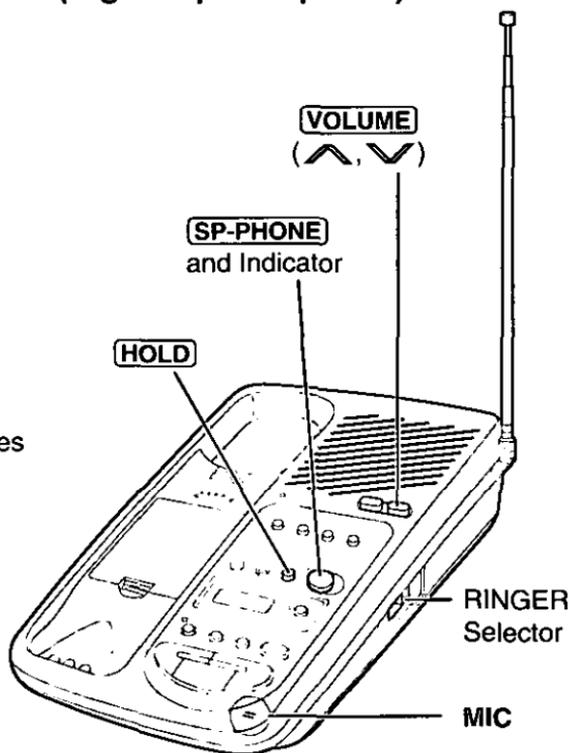
○ While using the speakerphone, if the handset is on the base unit, you may switch to it by lifting up.

Hands-Free Digital Speakerphone

Digital speakerphone provides a more natural sounding conversation.
For best performance, please note the followings:

○ Use the speakerphone in a quiet room.
○ Speak alternately with the caller.
○ If the caller complains that your voice is hard to hear, press ⋁ to decrease the speaker volume.

To adjust the speaker volume (8 levels)

To increase, press ⋀. To decrease, press ⋁.

To put a call on hold

Press (HOLD). The SP-PHONE indicator flashes.
• If you put a call on hold for 6 minutes, warning ringing tone will sound.
  The call will be disconnected after total 10 minutes.

To release the hold

Press (SP-PHONE) or lift the handset off the base unit.
• If another phone is connected on the same line, you can also release hold
  by lifting its handset.

To select the ringer volume

Set the RINGER selector to HIGH, LOW, or
OFF.
• When set to OFF, the base unit will not ring.

```
┌─────────────────────────┐
│          RINGER         │
│        ┌──────┐         │
│        │▕║║║║▏│         │
│        └──────┘         │
│      OFF ┘│└ HIGH       │
│            LOW          │
└─────────────────────────┘
```
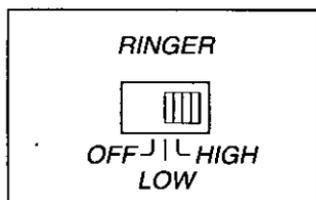
Note:
• The SP-PHONE button is designed only for answering calls.
  If you press it to make a call, a dial tone may not be heard. This is normal.

Automatic Dialing

Storing Phone Numbers in Memory

The dialing buttons (0 to 9) function as memory stations.
The TALK indicator light must be off.

1 Press (PROGRAM/2WAY REC).

 ◦ The BATT LOW/PROG
   indicator lights.

2 Enter a phone number up to
16 digits.

 ◦ If you misdial, press
   (PROGRAM/2WAY REC) to end
   storing, then restart from step 1.

3 Press (AUTO).

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

 ◦ Confirmation tone sounds.
   (See below.)
 ◦ To store other numbers,
   repeat steps 1 through 4.

Memory Station
Number

(AUTO)

BATT LOW/
PROG
Indicator
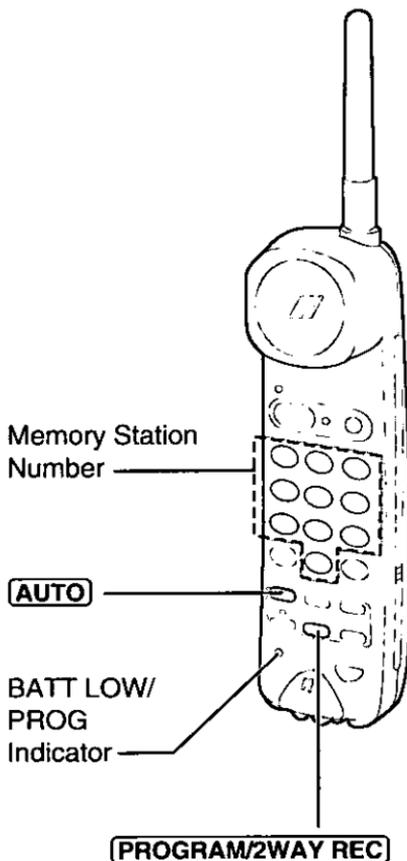
(PROGRAM/2WAY REC)

What the confirmation tone means

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

To erase a stored number

Press [PROGRAM/2WAY REC] ➡ [AUTO] ➡ the memory station number (for the phone number to be erased).

Memory sticker

You may use an included memory sticker as memorandum for automatic dialing. Write down the names or phone numbers, then attach it to the unit or at a convenient place.

Dialing a Stored Number

1 Press [TALK].

2 Press [AUTO].

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

  • The stored number is dialed.

[TALK]

Memory Station
Number

[AUTO]
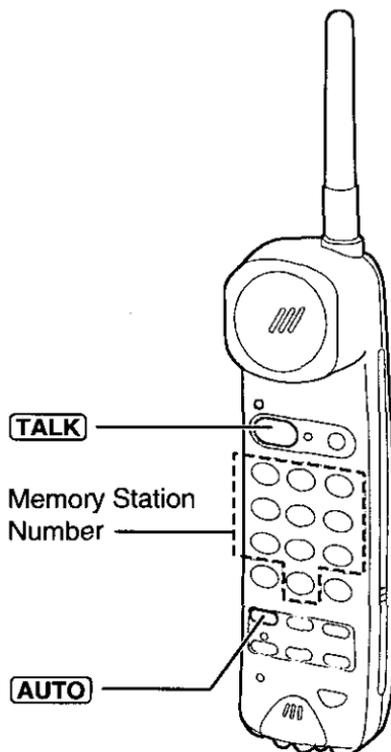
Intercom

2-way intercom is available between the handset and the base unit.

Paging the base unit from the handset

1 Handset:
Press [INTERCOM], then speak.

2 Base unit:
When the other party's voice is heard, answer through **MIC**.

3 Handset:
To end the intercom, press [INTERCOM].
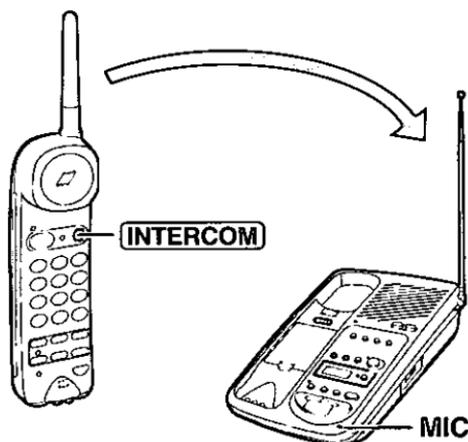
Paging the handset from the base unit (Handset Locator)

Using this feature, you can locate the handset if you misplace it.

1 Base unit:
Press [LOCATOR/INTERCOM].

 • The handset beeps for 1 minute.
 • To stop paging, press it again.

2 Handset:
Press [INTERCOM] to answer.

3 Base unit:
Speak into **MIC**.

4 Handset:
To end the intercom, press [INTERCOM].
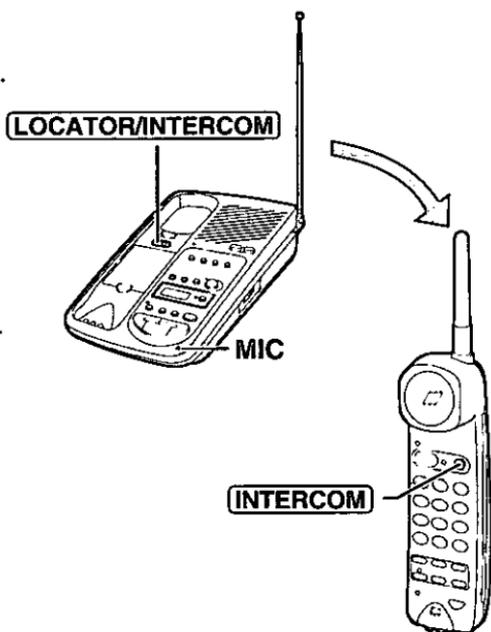
During the intercom:
- Intercom calls can only be ended with the handset.
- If the handset user has difficulty hearing the base unit user, press ▼ to decrease the speaker volume of the base unit.
- If two tones sound, it means a call is received. To answer, press (TALK) or (SP-PHONE). The intercom is ended.

Transferring a Call Using Intercom

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

From the handset to the base unit

1 Handset:
  During a call, press (INTERCOM).

  • The call is put on hold.

2 Base unit:
  When the paging party's voice is heard, answer through MIC.

3 Base unit:
  To answer the call, press (SP-PHONE).

  • The transfer is completed.
  • Handset user can join the conversation by pressing (TALK).

From the base unit to the handset

1 Base unit:
  During a call, press (HOLD) to put it on hold.

  • The SP-PHONE indicator flashes.

2 Base unit:
  Press (LOCATOR/INTERCOM).

3 Handset:
  Press (INTERCOM) to answer the page.

4 Handset:
  To answer the call, press (TALK).

  • The transfer is completed.
  • Base unit user can join the conversation by pressing (SP-PHONE).

Special Features
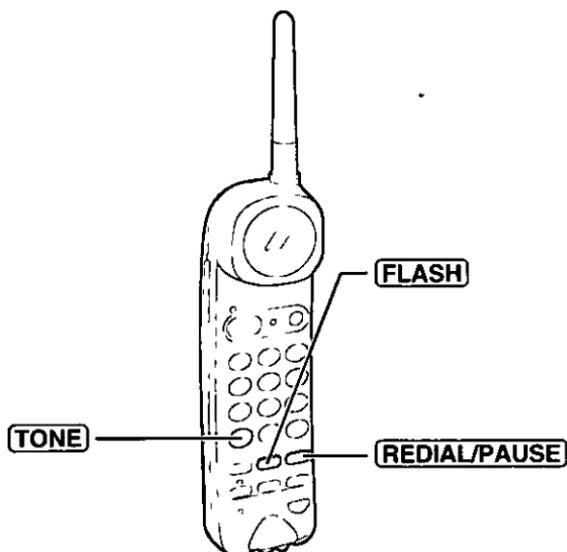
Automatic Security Code Setting

Whenever you place the handset on the base unit, the unit automatically selects one of 65,000 security codes These codes help to avoid unauthorized use of your telephone line by another cordless telephone

For Call Waiting Service Users

Press (FLASH) lightly if you hear a call-waiting tone while speaking
• The first call is put on hold and you can answer the second call
• To return to the first caller, press (FLASH) again

Temporary Tone Dialing (For Rotary Service Users)

Press (TONE) before dialing
• The dialing mode changes to tone You can enter numbers to access answering systems or electronic banking services, etc When you hang up, the mode returns to pulse

If Your Unit is Connected to a PBX

We recommend you press (REDIAL/PAUSE) between the access number for an outside line and the phone number
• Pressing (REDIAL/PAUSE) once makes a 3 5-second pause This prevents misdialing when you redial or dial a stored number

Mailbox Feature ⇨

The unit has 5 memory locations—common memory and 4 personal mailboxes. A caller can leave a message in a specified mailbox, and only the person who knows the password can retrieve it from the mailbox. This feature allows you to keep your messages confidential when you share the unit with other people.

```
                    ┌─────────────────────┐
                    │ Incoming messages   │
                    └─────────────────────┘
```

If not specified	If #1 is specified	If #2 is specified	If #3 is specified	If #4 is specified
Common Memory	Mailbox 1	Mailbox 2	Mailbox 3	Mailbox 4
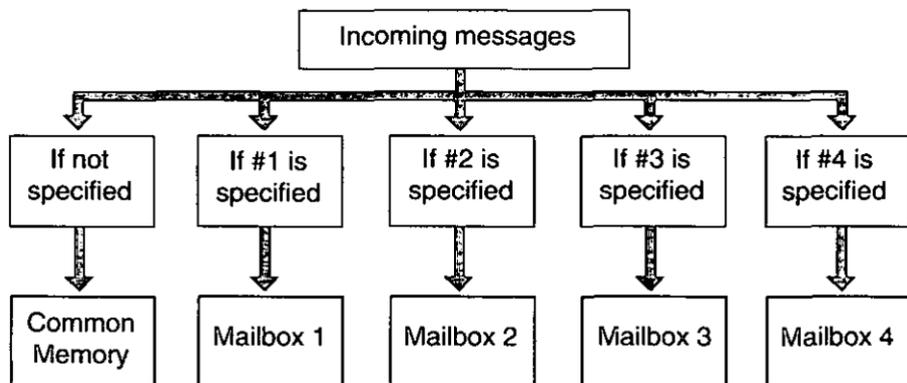
> Messages are recorded in common memory unless a specified mailbox is selected.

To use the mailbox feature

1. Record your common greeting message (p. 14).
2. Record a mailbox greeting message in each mailbox (p. 32).
3. Program each mailbox password (p. 34).
4. In order to leave a message in a mailbox, each mailbox owner must inform their callers of their mailbox number in advance.
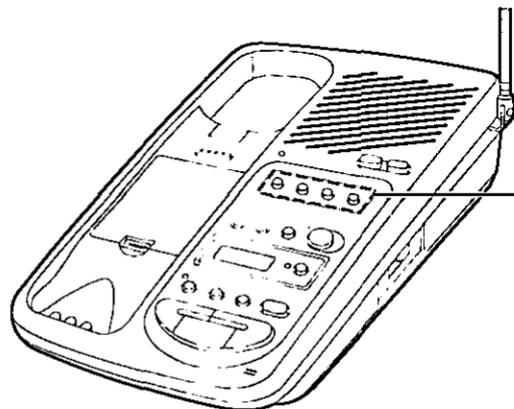
Mailbox Buttons
To select a mailbox, press the button.
The mailbox number is displayed.

Answering System

31

Recording a Mailbox Greeting Message

You can record a personal greeting message for each mailbox.
The message is played back to the caller who selected the mailbox.

> We recommend you record a brief greeting message leaving more time for incoming messages.

Mailbox Buttons

GREETING CHECK

GREETING RECORD

Display

ERASE

STOP

MIC
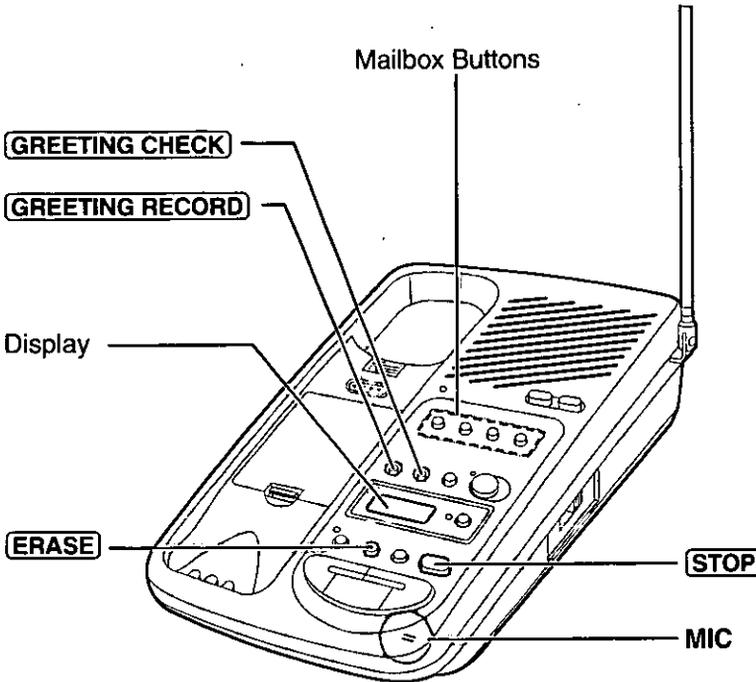
Sample of a mailbox greeting

"Hello, this is John. Sorry, I cannot take your call. Please leave your message after the beep. Thank you."

32

1

PERSONAL MAILBOX
₁◯ ₂◯ ₃◯ ₄◯

DIGITAL
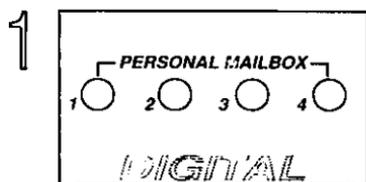
Press a mailbox button (**1**, **2**, **3**, or **4**).

• The mailbox number is displayed.

2

GREETING
RECORD CHECK
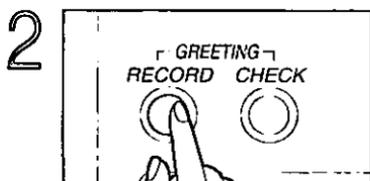
Press (GREETING RECORD) to start the recording mode. Within 5 seconds, press (GREETING RECORD) again to record greeting.
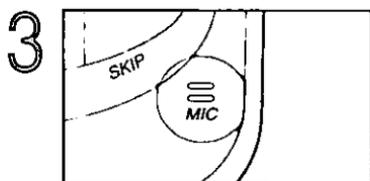
• A long beep sounds.

3

SKIP
MIC

After the long beep, speak clearly into **MIC** (microphone).

• The display shows the elapsed recording time.

4

MEMO
REC STOP
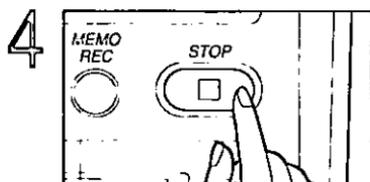
When finished, press (STOP).

• To change the greeting message, repeat from step 1.

To check your mailbox greeting

Press the desired mailbox button ⇨ (GREETING CHECK).

To erase a mailbox greeting

Press the desired mailbox button ⇨ (GREETING CHECK) ⇨ (ERASE) (while the message is being played).

33

Programming the Mailbox Password

Program your own password for your mailbox to prevent messages from being retrieved by other person. Choose any **2-digit number (00-99)**. The mailbox password must be different from the remote code (p. 45).

Once you have programmed the password, you cannot confirm it. If you forget the number, reprogram a new one.

1 Make sure the TALK indicator light is off, then press [PROGRAM/2WAY REC].

- The BATT LOW/PROG indicator lights.

2 Press [SCREEN/PLAYBACK].

- The indicator lights.
- "P" is displayed on the base unit to show the unit is in programming mode.

3 Press [6].

4 Press [#] and your mailbox number (1, 2, 3, or 4).

- "_ _" is displayed.

5 Enter a password by using **a 2-digit number**.

- The entered number is displayed.

6 When finished, press [PROGRAM/2WAY REC].

- The indicator lights go out.

[SCREEN/PLAYBACK] and Indicator

BATT LOW/ PROG Indicator

[PROGRAM/2WAY REC]

34
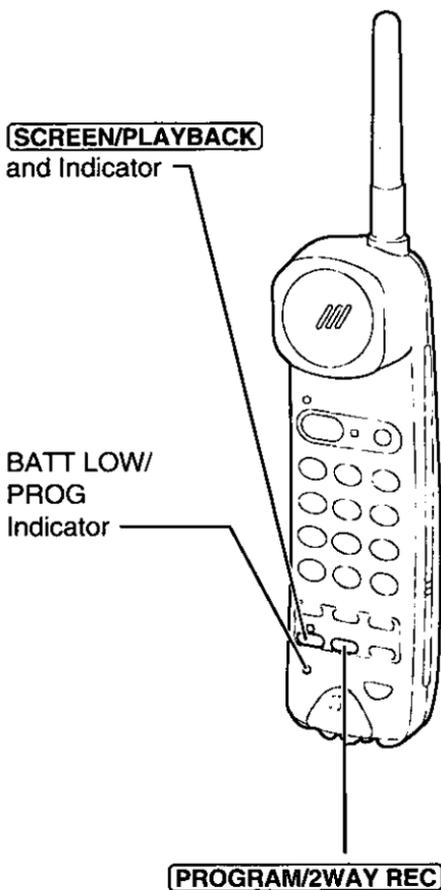
To erase the password

Press (PROGRAM/2WAY REC) ➡ (SCREEN/PLAYBACK) ➡ [6] ➡
[#] and the mailbox number ➡ [*] ➡ (PROGRAM/2WAY REC).

How Incoming Messages are Recorded in Each Mailbox

To allow callers to leave a message in your mailbox, inform them of your mailbox number in advance. Callers must use a touch tone phone.

1

A caller calls your unit.

• Common greeting message is heard.

2
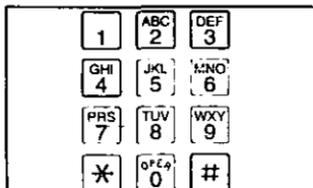
The caller presses [#], then enters the desired mailbox number (1, 2, 3, or 4).

• The mailbox greeting is heard, followed by a long beep.

3

The caller's message is recorded in the mailbox.

• If the caller does not select a mailbox in step 2, the message will be recorded in common memory.

Retrieving messages from your mailbox

When there is a new message in the mailbox, the mailbox number flashes on the display. To retrieve the message, see pages 37-39.

Automatic Answering Operation

When a call is received, the unit plays back your greeting message and records the caller's message.

- The total recording time (including the greeting messages) is **about 23 minutes.** If messages are recorded in noisy rooms, the time may be shortened by 1 to 7 minutes.
- A maximum of 64 messages can be recorded.

Setting the Unit to Answer Calls

Press [ANSWER ON] to turn on the answering system.

- The indicator lights.
- The unit will announce the remaining record time if the time is less than 5 minutes. If you hear "Memory full", new messages cannot be recorded. Erase some or all messages (p. 40).

[ANSWER ON] and Indicator
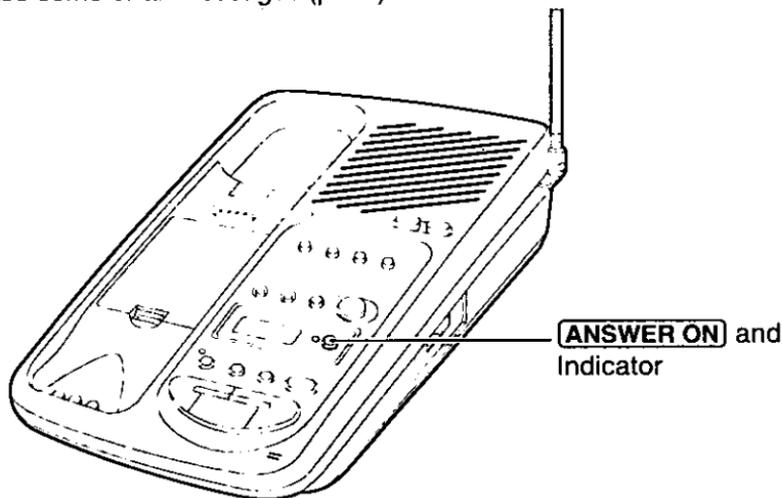
- If you do not want the unit to answer calls, press [ANSWER ON] to turn off. The indicator light goes out.
- You can turn on the answering system by using a touch tone phone (p. 51).

Monitoring incoming calls

While a call is being recorded, you can monitor it through the speaker.
To answer the call, press [SP-PHONE] or [TALK]. The unit stops recording.

- To use this feature with the handset, see page 54.

Listening to Messages ⇨

When new incoming messages have been recorded;
• The ANSWER ON indicator flashes while the answering system is on.
• The mailbox number which has new messages flashes on the display.

The unit will announce the remaining record time after playback if the
time is less than 5 minutes. If you hear "Memory full", new messages
cannot be recorded. Erase some or all messages (p. 40).
We recommend you erase unnecessary messages after each playback.

VOLUME:
To increase, press ∧.
To decrease, press ∨.

ANSWER ON
Indicator

The display shows the
total number of recorded
messages in common
memory, unless the
mailbox button is pressed.

Answering System

[REPEAT]

[NEW MESSAGE]

[STOP]

[SKIP]
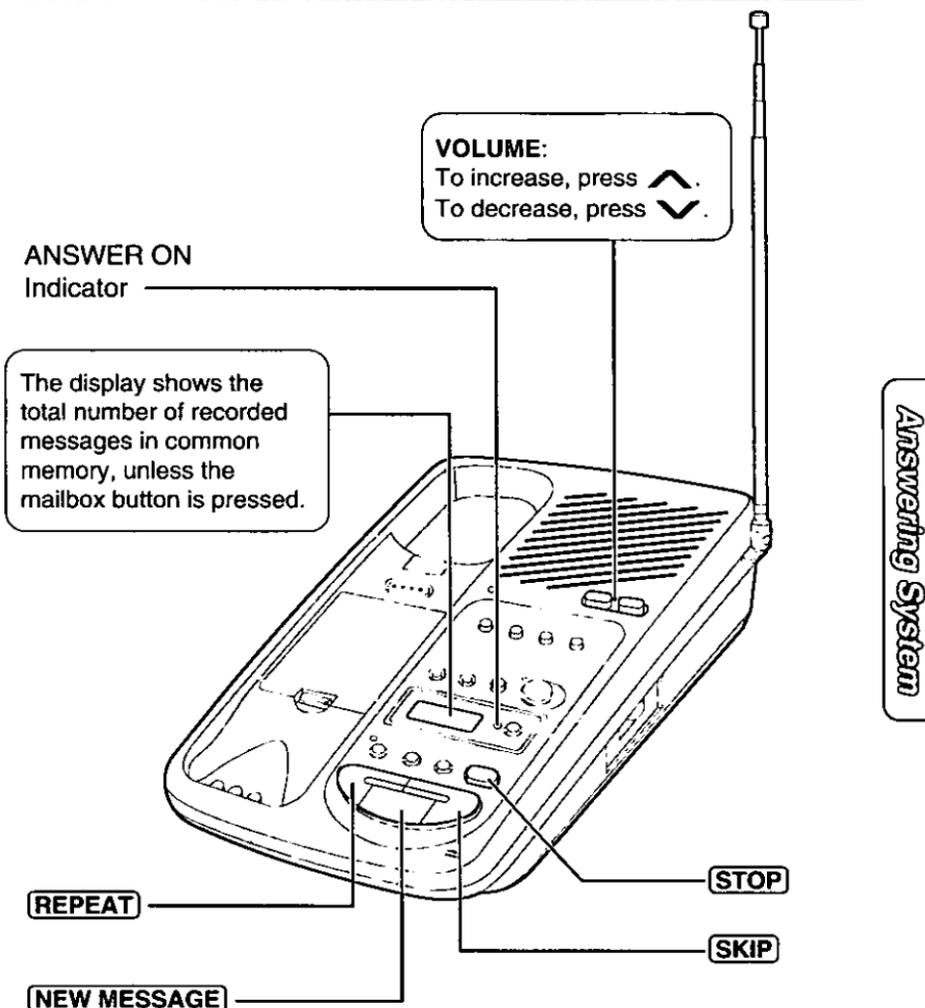
Listening to New Messages Only

To listen to messages in common memory
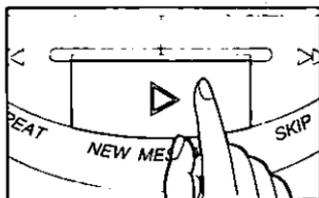
Press [NEW MESSAGE] lightly.

• The unit announces the number of new messages and plays back them.

• If common memory has no new messages, but a mailbox does, the unit announces the mailbox number and its number of the messages.

To listen to messages in your mailbox
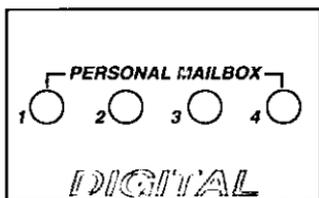
Press the desired mailbox button (**1, 2, 3**, or **4**).

• The display shows the mailbox number and the total number of recorded messages in the mailbox.

Enter the mailbox password **with the handset**.

• This step is not necessary if you have not programmed a password.

Press [NEW MESSAGE] lightly.

• The unit announces the number of new messages and plays back them.

• In step 2, you can also enter a password on the base unit.
  ① Press [VOLUME] (∧ or ∨). "_ _" is displayed.
  ② Press ∧ (to increase the number) or ∨ (to decrease) until your password is displayed.

38

To **repeat** the message	Press (REPEAT) during playback. (If you press within 5 seconds of the playback, the previous message is played.)
To **skip** the message	Press (SKIP) during playback. The next message is played.
To **stop** the operation	Press (STOP).

Listening to All the Recorded Messages

All of the recorded messages are saved until you erase them.
To listen to the saved messages, follow the steps below.

To listen to messages in common memory

Press (NEW MESSAGE) **firmly** until the playback starts.
° The unit plays back all of the recorded messages.

To listen to messages in your mailbox

1. Press the desired mailbox button (**1, 2, 3**, or **4**).
   ° The display shows the total number of messages in the mailbox.

2. Enter the mailbox password **with the handset**.
   ° This step is not necessary if you have not programmed a password.

3. Press (NEW MESSAGE) **firmly** until the playback starts.
   ° The unit plays back all of the recorded messages.

° In step 2, you can also enter a password on the base unit.
   ① Press (VOLUME) (∧ or ∨). "*00*" is displayed.
   ② Press ∧ (to increase the number) or ∨ (to decrease) until your password is displayed.

Erasing Messages

Erasing Specific Message

You may erase each message in common memory and the 4 mailboxes individually.

Press (ERASE) while the message you want to erase is being played.

- The unit erases the message.
- A series of beeps sounds and the unit continues to play the next message.

Erasing All Messages

You may erase all the recorded messages in common memory and the 4 mailboxes individually. To erase all messages in a mailbox, first select the mailbox by pressing the mailbox button.
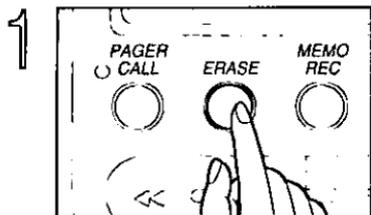
Press (ERASE).

- "Press ERASE again to erase all messages" is heard.
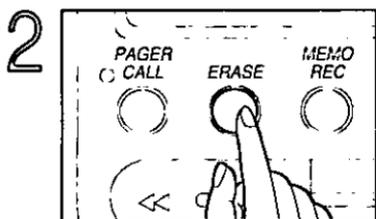
Within 5 seconds, press (ERASE) again.

- The display shows "0".
- A series of beeps and "No message" are heard.

Recording a Memo Message

You may record a personal message. When you want to record it in a desired mailbox, first press the mailbox button. Otherwise the common memory is selected.

1
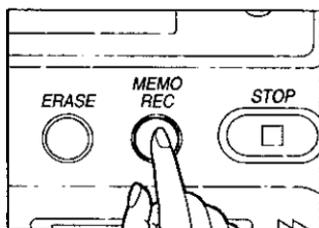
Press [**MEMO REC**].

• A long beep sounds.

2
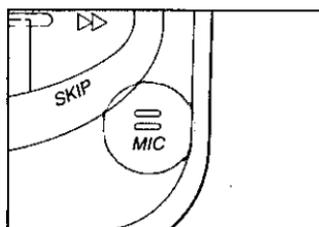
After the beep, speak clearly into **MIC** (microphone).

• The display shows the elapsed recording time.

3

When finished, press [**STOP**].

Answering System
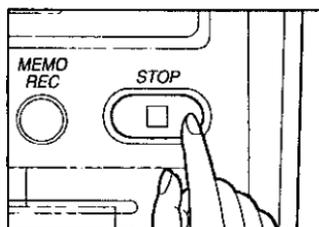
Pager Call

The feature allows you to alert your pager when the unit records an incoming message. Then you can retrieve the message from a touch tone telephone (p. 44). First store the pager number, then turn on the pager call mode.

Storing the Pager Number

Store the pager's number in common memory or each mailbox.
The TALK and/or SP-PHONE indicator light must be off.

1 Press (PROGRAM/2WAY REC).

• The BATT LOW/PROG indicator lights.

(SCREEN/PLAYBACK)
and Indicator ——

BATT LOW/
PROG
Indicator ——

2 Press (SCREEN/PLAYBACK).

• The indicator lights.

3 Press #, then 0 through 4 to select the memory.

(0: Common memory, 1-4: Mailbox)

(PROGRAM/2WAY REC)

4 Enter your pager number up to 30 digits.

(REDIAL/PAUSE)

• If necessary, press (REDIAL/PAUSE) twice.*
• If you misdial, press (PROGRAM/2WAY REC) then restart from step 1.

5 Enter the call back number you want to display on your pager. (Press # if required by your pager company.)

6 When finished, press (PROGRAM/2WAY REC).

• The indicator lights go out.
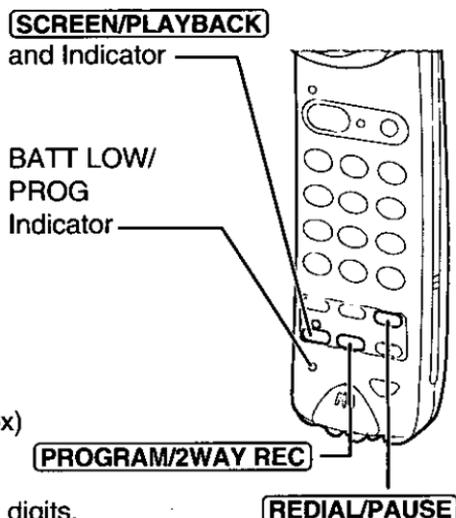
*Your pager company may require a delay after the pager number is dialed. Contact the pager company regarding the pause time needed. Each time you press (REDIAL/PAUSE), it creates a 3.5-second delay.

42

To confirm the stored number

Press [TALK] ➡ [AUTO] ➡ [#] ➡ the memory number [0] to [4].
• The unit dials the stored number.
• If the pager does not beep, restart from step 1 to store the correct number.

To erase the stored number

Press [PROGRAM/2WAY REC] ➡ [SCREEN/PLAYBACK] ➡ [#] ➡
the memory number [0] to [4] ➡ [PROGRAM/2WAY REC].

Setting the Unit to Call the Pager

Turn on the pager call mode in common memory or each mailbox.
Make sure that the pager number has been stored.

In common memory:
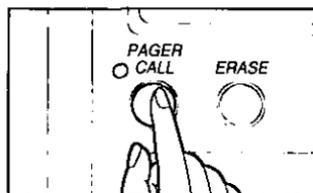
Press [PAGER CALL] to turn on the pager call mode.

• The indicator lights.
• If 6 beeps sound, the pager number is not stored. Store the number, then try again.

In mailbox memory:
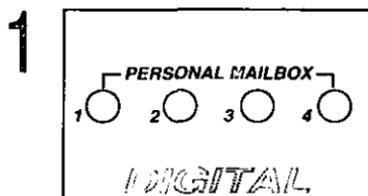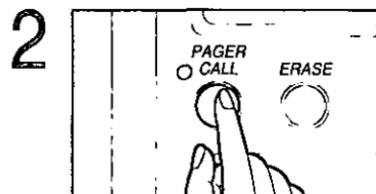
1

Press the desired mailbox button (**1, 2, 3,** or **4**).

2

Press [PAGER CALL] to turn on the pager call mode.

• The indicator lights.
• If 6 beeps sound, the pager number is not stored. Store the number, then try again.

• **To turn off the pager call mode**, press [PAGER CALL] again in each memory. The indicator light goes out.

Remote Operation from a Touch Tone Phone

You can operate the answering system from any touch tone phone. The synthesized voice menu will guide on you how to operate the unit (p. 48).

Summary of remote operation

```
Call your unit from a touch tone phone.
```

To select common memory;	To select mailbox memory;
Enter the remote code number during the greeting message playback.	1. Press [#] and the mailbox number (1, 2, 3, or 4) during the greeting message playback. 2. Enter the mailbox password. ∘ If you have not programmed a password, enter the remote code number.

```
After 3 seconds, voice menu starts (p. 48).
Follow the menu or enter the direct remote commands (p. 50).
```

```
To end the remote operation, hang up.
∘ The messages are saved.
```

∘ Do not press "#" button for a few seconds. Some long distance services use "#" for other purposes and these services may take priority over the remote operation.
∘ If more than one person uses this unit, we recommend you listen to all of the messages in common memory. If you only listen to the new messages, you may miss some messages already played by someone else.

Setting the Remote Code Number

The remote code prevents unauthorized persons from accessing your unit and listening to your messages in common memory. Choose any **2-digit number (00-99)**.

1 Make sure the TALK indicator light is off, then press [PROGRAM/2WAY REC].

   • The BATT LOW/PROG indicator lights.

2 Press [SCREEN/PLAYBACK].

   • The indicator lights.
   • "P" is displayed on the base unit to show the unit is in programming mode.

3 Press [1].

   • The current remote code number is displayed.

4 Enter a remote code number by using a **2-digit number**.

   • The entered number is displayed.

5 When finished, press [PROGRAM/2WAY REC].

   • The indicator lights go out.

[SCREEN/PLAYBACK] and Indicator

BATT LOW/ PROG Indicator

[PROGRAM/2WAY REC]

• If 6 beeps sound on step 5, it means your entered number is only one digit. Restart from step 1 to set a 2-digit number.
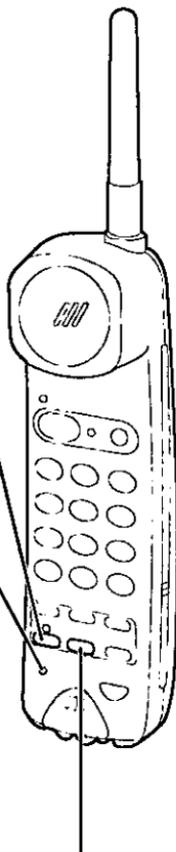
To check the remote code number

Press [PROGRAM/2WAY REC] ➜ [SCREEN/PLAYBACK] ➜ [1].
The current remote code number is displayed.
When finished, press [PROGRAM/2WAY REC].

Answering System

Voice Menu Function

Listening to messages in common memory

1

```
┌─────────────────────┐
│    ┌─┐┌─┐┌─┐        │
│    │1││2││3│        │
│    ├─┤├─┤├─┤        │
│    │4││5││6│        │
│    ├─┤├─┤├─┤        │
│    │7││8││9│        │
│    ├─┤├─┤├─┤        │
│    │*││0││#│        │
│    └─┘└─┘└─┘        │
│ ┌─────────────────┐ │
│ │ Remote Code No. │ │
│ └─────────────────┘ │
└─────────────────────┘
```
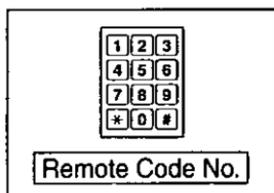
Call your unit, then press the remote code during the common greeting playback.

○ The unit tells you the number of recorded messages.

2
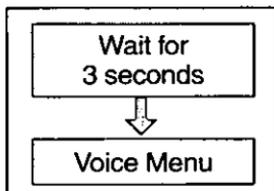
```
┌─────────────────────┐
│  ┌────────────────┐ │
│  │    Wait for    │ │
│  │   3 seconds    │ │
│  └────────────────┘ │
│          ⇩          │
│  ┌────────────────┐ │
│  │   Voice Menu   │ │
│  └────────────────┘ │
└─────────────────────┘
```

After 3 seconds, the unit starts voice menu (p. 48).

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

3
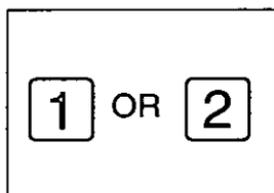
```
┌─────────────────────┐
│  ┌─┐      ┌─┐       │
│  │1│  OR  │2│       │
│  └─┘      └─┘       │
└─────────────────────┘
```

Press [1] to use the announced feature.
Press [2] to proceed to other functions.

┌───┐
│ To end the remote operation, hang up.   │
│ Messages are saved.   │
└───┘

○ To listen to messages in a mailbox after the common memory playback, press "#" and the desired mailbox number, then enter the mailbox password. Follow the instructions in voice menu.

Listening to messages in a mailbox

1
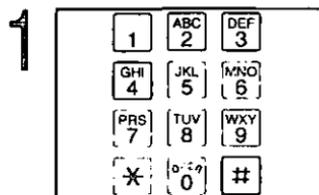
Call your unit, then press #️⃣ and a desired mailbox number (1, 2, 3, or 4) during the common greeting playback.

• Mailbox greeting is heard, followed by a long beep.

2
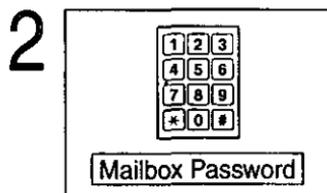
Mailbox Password

Enter the mailbox password.

• The unit tells you the number of recorded messages.
• If you did not program a password, enter the remote code number.
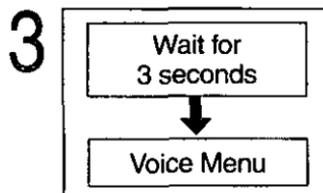
3

Wait for
3 seconds

↓

Voice Menu

After 3 seconds, the unit starts voice menu (p. 48).

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

4

1 OR 2
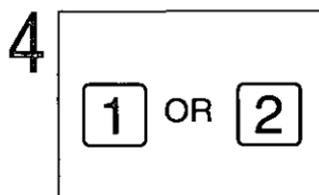
Press 1️⃣ to use the announced feature.
Press 2️⃣ to proceed to other functions.

To end the remote operation, hang up. Messages are saved.

• To listen to messages in common memory after the mailbox playback, press "#" and "0". Then follow the instructions in voice menu.

List of 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 erase all messages.
Press 2 for other functions.

Press ①.

Press ②.

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

Press ①. ⟹ Press 7 to record your greeting. Press 9 to end recording.

Press ②.

Repeats from the beginning.

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All Message Playback
The unit plays back all the recorded messages. At the end of the last message, "End of final message" and remaining recording time are announced.

New Message Playback
The unit plays back messages not played.

Recording a Memo Message
You can leave a personal message.

1. Speak after you hear "Please leave your message".
2. When you finish recording, hang up.

Erase All Messages
All of the recorded messages in selected memory (except the greeting message) are erased.

Recording a Greeting Message
You can re-record your greeting message.

1. Press [7].
   You hear a voice instruction, followed by a long beep.
2. Speak after the long beep.
3. When you finish recording, press [9].
4. Your greeting will be played back for review.

• 3 seconds after playback, the voice menu will repeat from the beginning.
• If you hear "Memory full" after playback, erase some or all messages (p. 50).

Direct Remote Operation

Once you have entered the remote code or mailbox password, you can also control your unit by direct remote command instead of using the voice menu. To end the remote operation, hang up anytime.

List of the direct command

NEW MESSAGE PLAYBACK	4	• Only new messages are played back.
ALL MESSAGE PLAYBACK	5	• All the messages are played back.
REPEAT (During playback)	1	• The current message is repeated.
SKIP (During playback)	2	• The current message is skipped. The next message is played.
STOP (During playback)	9	• Playback is stopped temporarily. • To resume playback, press 9 again within 15 seconds. Or the voice menu will start.
GREETING MESSAGE RECORDING ⇩ RECORD ⇩	7 9	• A long beep sounds. • Speak immediately after the long beep. • Recording is stopped. • The recorded message is played.
ERASE SPECIFIC MESSAGE (During playback)	✳ 4	• The current message is erased. • A series of beeps sounds and the next message is played.
ERASE ALL MESSAGE	✳ 5	• All the recorded messages in the selected memory are erased. • A series of beeps and "No message" are heard.

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PAGER CALL ON	✱ 7	• A beep sounds and the mode turns on. • If you did not store the pager number, 6 beeps sound and the mode does not turn on.
PAGER CALL OFF	✱ 8	• Pager call mode is turned off.
SELECT ANOTHER MEMORY	⊟ 0	• Common memory is selected.
	⊟ 1	• Mailbox 1 is selected.
	⊟ 2	• Mailbox 2 is selected.
	⊟ 3	• Mailbox 3 is selected.
	⊟ 4	• Mailbox 4 is selected.
ANSWERING SYSTEM OFF	0	• The unit hangs up and will not answer calls until you turn it on.

Turning on the answering system

Call your unit and wait for 15 rings.
• The unit will answer and the greeting message is played.
• Hang up or enter the remote code number for more options.

Skipping the greeting message

After calling your unit, press ✱ during the greeting message playback.
• The unit skips the rest of the greeting and starts recording.

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Remote Operation from the Handset

You can operate your answering system from the handset.

Summary of remote operation

To select common memory;	**To select mailbox memory;**
Press (SCREEN/PLAYBACK).	1. Press # and the mailbox number (1, 2, 3, or 4).
○ The indicator lights.	2. Enter the mailbox password.
○ The number of recorded message is heard.	○ If it is not programmed, skip this step.

○ If the SCREEN/PLAYBACK indicator flashes, the answering system is off. To turn on, press 8.

Press command buttons (see the following pages).*
○ If you do not press any button, all message playback will start.

To end the remote operation, press (SCREEN/PLAYBACK).
○ The messages are saved.

○ If you hear "Memory full" after playback, erase some or all of the messages (p. 53).
○ When an incoming message has been recorded, 4 short beeps sound twice on the handset.

*Voice menu

After you select a memory (common or mailbox), the base unit waits 3 seconds for a remote command. If no command is given, then the unit starts the following voice menu:

"Press 4 to playback new messages; Press 5 to play back all messages."

○ Even if the voice menu has started, other command buttons can be accepted.

List of the direct command

NEW MESSAGE PLAYBACK	4	• Only new messages are played back.
ALL MESSAGE PLAYBACK	5	• All the messages are played back.
REPEAT (During playback)	1	• The current message is repeated.
SKIP (During playback)	2	• The current message is skipped. The next message is played.
STOP (During playback)	9	• Playback is stopped temporarily. • To resume playback, press 9 again within 15 seconds. Or the voice menu will start.
ERASE SPECIFIC MESSAGE (During playback)	✹ 4	• The current message is erased. • A series of beeps sounds and the next message is played.
ERASE ALL MESSAGE	✹ 5	• All the recorded messages in the selected memory are erased. • A series of beeps and "No message" are heard.
PAGER CALL ON	✹ 7	• A beep sounds and the mode turns on. • If you did not store the pager number, 6 beeps sound and the mode does not turn on.
PAGER CALL OFF	✹ 8	• Pager call mode is turned off.
ANSWERING SYSTEM OFF	0	• The SCREEN/PLAYBACK indicator flashes.
ANSWERING SYSTEM ON	8	• The SCREEN/PLAYBACK indicator lights.

Answering System

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➪ Remote Operation from the Handset

SELECT ANOTHER MEMORY	🔲 0	• Common memory is selected.
	🔲 1	• Mailbox 1 is selected.
	🔲 2	• Mailbox 2 is selected.
	🔲 3	• Mailbox 3 is selected.
	🔲 4	• Mailbox 4 is selected.

Monitoring incoming calls

When the SCREEN/PLAYBACK indicator flashes slowly, an incoming message is being recorded.

1. Press (SCREEN/PLAYBACK).
   • The indicator lights steadily and you can listen to the incoming call.
   • To answer the call, press (TALK). The recording is ended.

2. When finished, press (SCREEN/PLAYBACK).

Recording your telephone conversation with the handset

1. During a conversation with the handset, press (PROGRAM/2WAY REC).
   • The SCREEN/PLAYBACK indicator lights.

2. To record in common memory, press 🔟 within 4 seconds.
   OR
   To record in a mailbox, press the mailbox number within 4 seconds.

3. Continue your conversation.

4. When finished, press (PROGRAM/2WAY REC).
   • The SCREEN/PLAYBACK indicator light goes out.

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

OPERATION FROM HANDSET
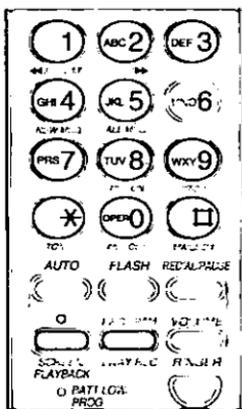
* If the SCREEN/PLAYBACK indicator flashes when you press **SCREEN/PLAYBACK** or "#", the answering system is off. To turn it on , press "8".

1. **To select common memory;** Press **SCREEN/PLAYBACK**. OR
   To select a mailbox; Press "#" and the mailbox number "1, 2, 3, or 4" then the password (if programmed).

2. Press remote command number (see reverse side).

3. To end the remote operation, press **SCREEN/PLAYBACK**.

OPERATION FROM TONE PHONE

Listening to the messages in the common memory

1. Call your unit.

2. Press the remote code number.

3. Press remote command number (see reverse side). OR Wait for 3 seconds, the unit starts the voice menu. Follow the instructions.

4. To end the remote operation, hang up.

* When you press a button, press firmly.

Listening to the messages in a mailbox

1. Call your unit.

2. Press "#" and the mailbox number "1, 2, 3, or 4".

3. Press mailbox password. (If you have not programmed it, press remote code number).

4. Press remote command number (see reverse side). OR Wait for 3 seconds, the unit starts the voice menu. Follow the instructions.

5. To end the remote operation, hang up.

No.	Remote Command
1	Repeat the message
2	Skip the message
4	New message playback
5	All message playback
8	Answer set
9	Stop
0	Answer off

- **To record telephone conversation,** press **PROGRAM/2WAY REC** then "0" within 4 seconds. (To record in a mailbox, press the mailbox number instead of "0".) When finished, press **PROGRAM/2WAY REC** again.

No.	Remote Command
✳ 4	Erasing specific message
✳ 5	Erasing all messages
✳ 7	Pager call on
✳ 8	Pager call off
# 0	Selecting common memory
# 1	Selecting mailbox 1
# 2	Selecting mailbox 2
# 3	Selecting mailbox 3
# 4	Selecting mailbox 4

- **To monitor an incoming call,** press **SCREEN/PLAYBACK** when the indicator flashes slowly. To answer it, press **TALK.**

No.	Remote Command
1	Repeat the message
2	Skip the message
4	New message playback
5	All message playback
7	Recording your greeting
9	Stop
0	Answer off
✳	Greeting message skip

No.	Remote Command
✳ 4	Erasing specific message
✳ 5	Erasing all messages
✳ 7	Pager call on
✳ 8	Pager call off
# 0	Selecting common memory
# 1	Selecting mailbox 1
# 2	Selecting mailbox 2
# 3	Selecting mailbox 3
# 4	Selecting mailbox 4

- **To turn on the answering system;** Call your unit and wait for 15 rings. The unit will answer, then hang up.

Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a Panasonic T-adaptor KX-J66. (To order, call 1-800-332-5368.)

Standard Telephone

Single-Line
Telephone Jack

Telephone Line
Cord

T-Adaptor
(KX-J66)
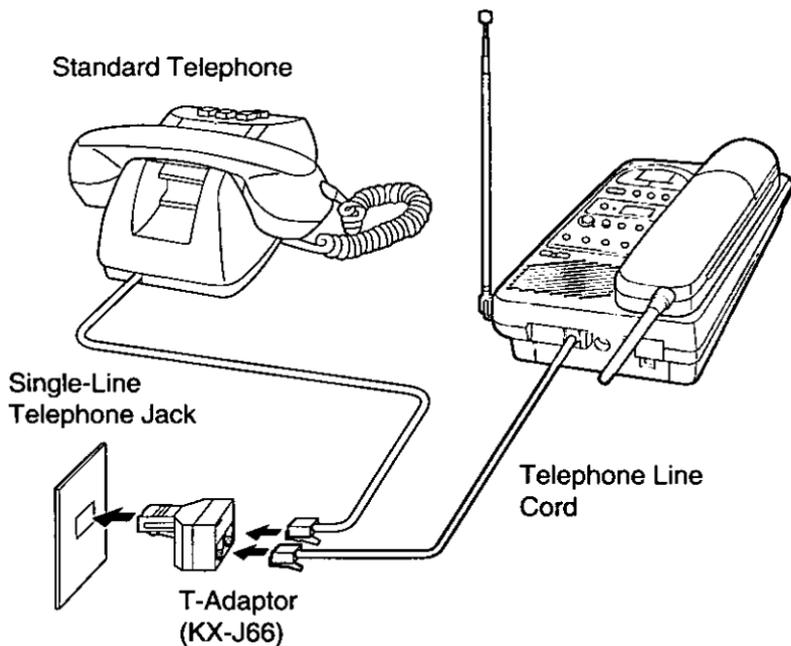
Battery Replacement

Handset Battery

If the BATT LOW/PROG indicator flashes after being fully charged, replace the battery with a new Panasonic KX-A36A battery. (To order, call 1-800-332-5368.) To prevent memory loss, replace within 5 minutes.

1 Remove the cover.
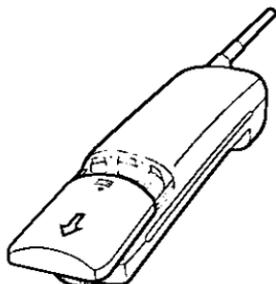
2 Replace the battery, then close the cover.
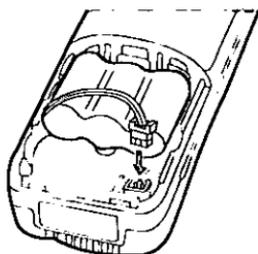
3 Charge the new battery for 3 hours.
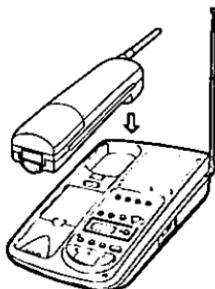
Attention:
The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

R B R C

Ni - Cd

Base Unit Battery

If the power of 9V (6F22) size battery in the base unit is low, "$\overline{LOW}$" flashes. Replace with new one. Otherwise all the memory in the base unit will be erased during power failure.

Precautions:
The battery should be used correctly, otherwise the unit may be damaged due to battery leakage.
- Do not charge, short-circuit, disassemble, heat or dispose in fire.
- To avoid losing your greeting and messages saved in memory, the AC adaptor must remain connected.
- Disconnect the telephone line cord before opening the battery compartment cover.
- Replace the battery with new one once a year to prevent operation failures.
- Do not install a Nickel-Cadmium battery in the base unit.

Open the cover and replace the battery with new one. When finished, close the cover.

Snap on the terminals of the battery to the battery clip of the base unit.
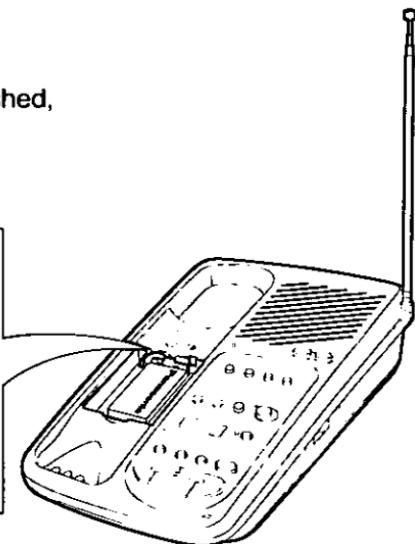
- See page 10 for details of installing the 9V (6F22) size battery.

Before Requesting Help

Cordless telephone

Problem	Remedy
Alarm tone sounds when you press (TALK), (SCREEN/PLAYBACK) or (INTERCOM).	• You are too far from the base unit. Move closer and try again. • Place the handset on the base unit and try again. • Plug in the AC adaptor. • Clean the charge contacts and charge again.
Static, sound cuts in/out, fades. Interference from other electrical units.	• Set the handset and the base unit away from electrical appliances. • Move closer to the base unit. • Extend the base unit antenna fully. • Press (CH) to change the channel.
The handset does not ring.	• The ringer volume is OFF. Press (VOLUME/RINGER) when the TALK indicator light is off.
The base unit does not ring.	• The RINGER selector is set to OFF. Set to HIGH or LOW.
You cannot store a phone number in memory.	• You cannot store a number while the unit is in the talk or intercom mode. • Do not pause for over about 30 seconds while storing.
While storing a phone number, the unit starts to ring.	• To answer the call, press (TALK). The program will be canceled; store the number again.
(LOCATOR/INTERCOM) does not function.	• The handset is too far from the base unit or is engaged in an outside call.
While using the intercom, two tones sound.	• A call is being received. To answer, press (TALK) or (SP-PHONE).
(REDIAL/PAUSE) does not function properly.	• The button has a double function. It will redial the last number if pressed at the outset of a call. If another number has been dialed first, it will operate as a pause button (P. 30).

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Answering system

Problem	Remedy
The answering system is on, but no incoming messages are recorded.	• The recording time is set to "greeting only". Select "1 minute" or "up to 18 minutes" (p. 18). • The memory is full. Erase some or all messages (p. 40).
"*FULL*" is displayed and no incoming messages are recorded.	• The memory is full. Erase some or all messages (p. 40). If "*FULL*" is still displayed, erase some or all greeting messages and re-record the shorter messages (p. 14, 32).
Some incoming messages have not been recorded up to the end.	• Set the CPC function to "b" (P. 20).
The recording time is set to "greeting only", but the unit records incoming messages.	• "Greeting only" only works in common memory. Callers can leave messages in mailboxes.
You cannot operate the answering system at the base unit.	• The handset user is operating the answering system. Wait until the IN USE/CHARGE indicator light goes out.
You cannot operate the answering system from a touch tone phone.	• Be sure to press the correct remote code or mailbox password. • The answering system may not respond if the phone produces tones that are too short to activate the unit. Press each button firmly. • The answering system is off. Turn it on (p. 51).
You cannot operate the answering system with the handset.	• Someone is operating the answering system. • You are too far from the base unit. Move toward it.
You cannot listen to messages in a mailbox.	• Reprogram the mailbox password (p. 34) or erase the password (p. 35), then try again.

General

Problem	Remedy
The unit does not work.	• Check the connection (p. 11). • Charge the battery fully. • Clean the charge contacts and charge again.
The BATT LOW/PROG indicator flashes or beeps intermittently.	• Charge the battery fully (p. 12).
You charged the battery fully, but the BATT LOW/PROG indicator flashes.	• Clean the charge contacts and charge again. • Put in a new battery (p. 58)
"__ __." is displayed.	• A power failure occurred and memory was lost as the base unit battery was not installed or its power was low. Record your greeting and set the clock.
You cannot set the programmable preparation such as the time/day adjustment (p. 16).	• Programming is not available while the unit is in the talk, speakerphone or intercom mode. • Move closer to the base unit.
The unit stops working during operation.	• Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, then try again.
If you cannot solve your problem.	• Call our customer satisfaction center at 201-348-9090.

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.
    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.

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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 rechargeable battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
6. Do not attempt to recharge the 9V (6F22) size battery provided with or identified for use with this product. The battery may leak corrosive electrolyte or explode.

7. Do not attempt to rejuvenate the 9V size battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.
8. When inserting the 9V size battery into this product, the proper polarity or direction must be observed. Reverse insertion of the battery can cause charging, and that may result in leakage or explosion.
9. Remove the 9V size battery from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.
10. Discard "dead" 9V size battery as soon as possible since "dead" batteries are more likely to leak in a product.
11. Do not store this product, or the 9V size battery provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.

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.

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.

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Useful Information

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⇨ FCC and Other Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

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.

● **Environment** — do not place the unit in rooms where the temperature is less than 5°C (41°F) or greater than 40°C (104°F). Allow 10 cm (4") clearance around the unit for proper ventilation. Avoid excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
● **Routine care** — wipe the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder. When you left the unit unused for long time, unplug the AC adaptor from the outlet.
● **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 authorized Panasonic Factory Service Centers. If the known working phone does not operate properly, consult with your telephone company.

- 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 États-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。

For product service

∘ Panasonic Servicenters are listed in the servicenter directory.
∘ Call 1-800-545-2672 for the location of an authorized servicenter.

When you ship the product

∘ Carefully pack your unit, preferably in the original carton.
∘ Attach a letter, detailing the symptom, to the outside of the carton.

Symptom
_____

_____

∘ Send the unit to an authorized servicenter, prepaid and adequately insured.
∘ Do not send your unit to the Matsushita Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.

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

Panasonic Sales Company ("PSC"),
Division of Matsushita Electric of Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park
Carolina, Puerto Rico 00985