Panasonic

Wireless Phone

Operating Instructions

Model No. **KX-TD7895**

Please read this Operating Instructions before using the unit and keep it for future reference.

Accessories (Included)

AC Adaptor ....Two	Telephone Line Cord ....One	Handset Clip ....One	Belt Holder ....One	Wall Mounting Plate .....One	Screws and Washers..Four
		Part no. PSKE1036Z	Part no. PSKE1040Z		

NOTE: ————————————————————————————————

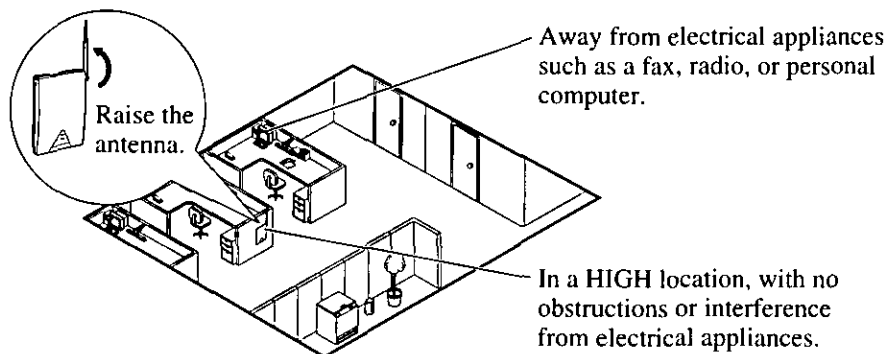- The KX-TD7895 can be used as a single line telephone for home use. This is called **SLT** mode.
  The KX-TD7895 can be connected to an Electronic Modular Switching System (Panasonic KX-T, KX-TA or KX-TD series). This is called **EMSS** mode.
  The functions described in **EMSS** are available only when the KX-TD7895 is connected to the system.
- To order accessories, call toll free **1-800-332-5368**.

Thank you for purchasing a Panasonic Telephone.
Please read IMPORTANT SAFETY INSTRUCTIONS on page 40
before use. Read and understand all instructions.

FOR BEST PERFORMANCE

Noise

Calls are transmitted between the base unit and the handset using radio waves. For maximum distance and noise free operation, the recommended base unit location is:

Raise the antenna.

Away from electrical appliances such as a fax, radio, or personal computer.

In a HIGH location, with no obstructions or interference from electrical appliances.

• The 900 MHz wireless telephone (including Panasonic wireless telephone KX-T7885 and KX-T7880) cannot be used together.

• If you are out of range, an alarm tone sounds continuously during a conversation.

Operating Distance

When using more than 2 base units, the distance between one unit and the others must be at least 10 feet (3 meters), or else proper radio transmission cannot be obtained.

10 feet (3 m)
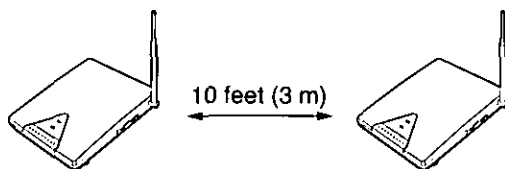
Battery Charging

You must charge the battery for about 5 hours before initial use. When charging has been completed, the charge indicator on the handset turns from red to green.

NOTE: _____

• If more than 3 units are in use at one time within close range, you may experience muting, interference or loss of communication.

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CONTENTS

3

HANDSET

Ringing/Charge Indicator
Flashes green when an incoming call is received.
Turns red while charging, then green when fully charged (except when receiving a call).

Headset Jack
Connect a headset to talk hands-free (see page 5).

Volume Control Button
Used to select the ringer/ receiver volume, or select the Flexible key display.

TALK Button
Used to make or receive a call.

INTERCOM Button
Used to make or receive intercom calls.

FUNCTION/KEYLOCK Button
Used to enter the Function mode, to access features by pressing additional keys or to lock/unlock a key while in idle.

OFF Button
Used to end calls or to exit the programming mode.

Flexible CO Buttons (F1 through F12)
Used to seize a CO line or to access several features.
If assigned as a CO button, the indicator shows the line condition (see below).

TRANSFER/CLEAR Button
Used to clear incorrect digits while entering numbers, and transfer a call to another extension.

AUTO/STORE Button
Used for System Speed Dialing or for storing program changes.

INFO/SELECT Button
Used to display time and date/ extension number and name while in idle or to select an item in programming mode.

HOLD Button
Used to place a call on hold.

REDIAL Button
Used to redial the last dialed number.
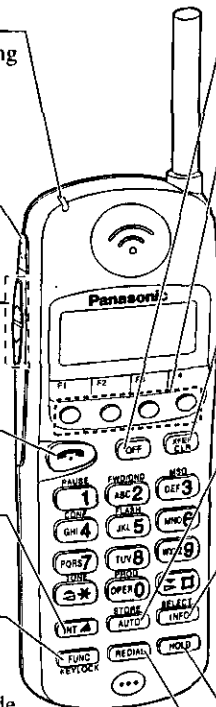
▷ **LED Indication example**

CO Button		Condition
Off		Idle
On	Green	You are using the line.
	Red	Others are using the line.
Flashing Rapidly	Green	You have an incoming call.
	Red	Others have an incoming call.
Flashing Slowly	Green	You have a held call.
	Red	Others have a held call.

• Refer to your PBX manual for more information.

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Antenna

Liquid Crystal Display (LCD)

Power Switch
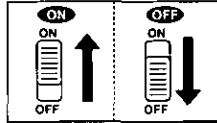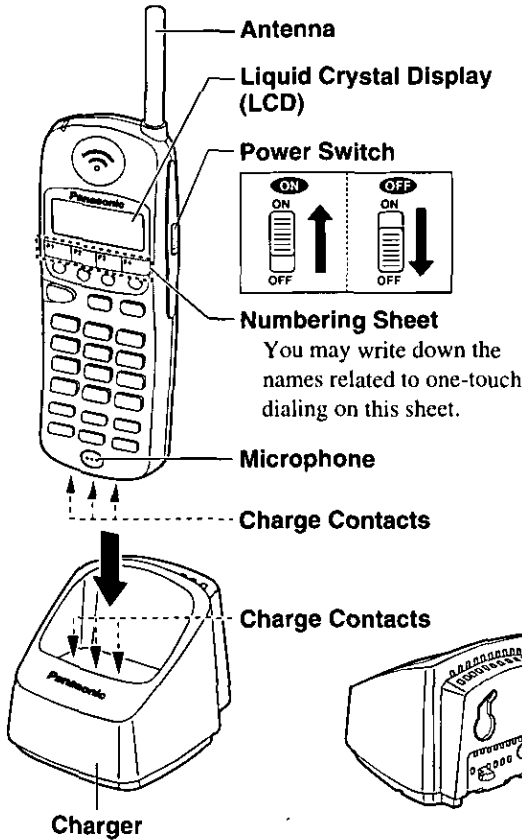
Numbering Sheet
You may write down the names related to one-touch dialing on this sheet.

Microphone

Charge Contacts

Charge Contacts

Charger

To use the headset

Open the cover.
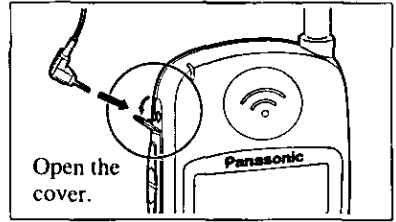
* The headset is optional.
Please use only the Panasonic KX-TCA87 headset. To order, call toll free **1-800-332-5368**.

Cord Holder
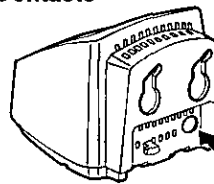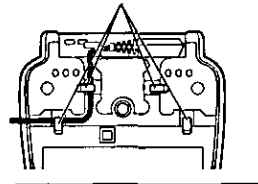
To AC Outlet
(120 V AC,
60 Hz)

AC Adaptor
(Use only the PQLV1)

▷ **Combination Keys**

PROG (Program)	(FUNC) ▷ (PROG OPER0)	Used to enter the programming mode.
PAUSE	(FUNC) ▷ (PAUSE 1)	Used to insert a pause in numbers in the programming mode.
FWD/DND [EMSS]	(FUNC) ▷ (FWD/DND ABC2)	Used to set the Call Forwarding or Do Not Disturb (DND) features.
MSG (Message) [EMSS]	(FUNC) ▷ (MSG DEF3)	Used to leave a notification for a called party or to call back the message sender (Message Waiting).
CONF (Conference) [EMSS]	(FUNC) ▷ (CONF GHI4)	Used to establish a three-party conversation.
FLASH	(FUNC) ▷ (FLASH JKL5)	Used to disconnect the current call and to make another call.

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BASE UNIT

1 Connect as shown.

2 Raise the antenna. ────────

Fasten the AC Adaptor
cord to the cord holder.

LOCATOR Button ────
Used to locate the handset.

DIALING MODE Selector
On SLT mode:
If your telephone line provides
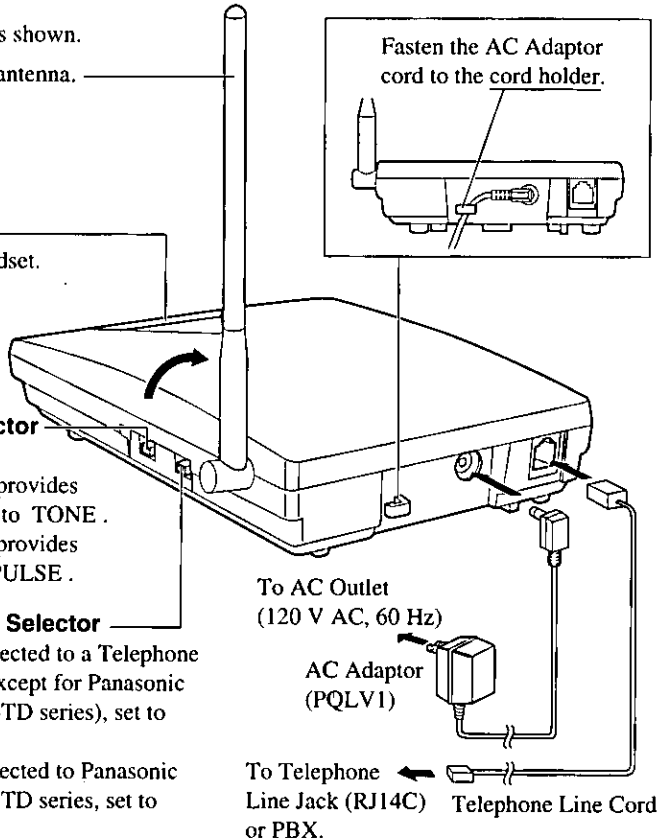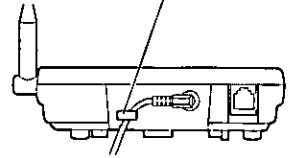touch tone service, set to TONE.
If your telephone line provides
rotary service, set to PULSE.

CONNECTION MODE Selector ────
If the base unit is connected to a Telephone
Line Jack or a PBX (except for Panasonic
KX-T, KX-TA or KX-TD series), set to
SLT.
If the base unit is connected to Panasonic
KX-T, KX-TA or KX-TD series, set to
EMSS.

To AC Outlet
(120 V AC, 60 Hz)

AC Adaptor
(PQLV1)

To Telephone
Line Jack (RJ14C)   Telephone Line Cord
or PBX.

THE AC ADAPTOR IS USED AS THE MAIN DISCONNECT DEVICE,
ENSURE THAT THE SOCKET-OUTLET IS LOCATED/INSTALLED
NEAR THE EQUIPMENT AND IS EASILY ACCESSIBLE.

NOTE: ────────

• Use ONLY Panasonic AC Adaptor PQLV1. The adaptor must remain connected
at all times.
• The AC adaptor may feel warm. This is normal.
• The unit will not function during a power failure.
• EMSS :This unit cannot be connected in parallel with a single line telephone.

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▷ **LED Indication**
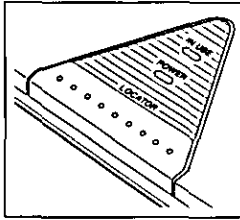
IN USE

On	In use
Green	Flashing rapidly	You have an incoming call.
	Flashing moderately	In Locator function
SLT	
	Flashing slowly	You have a held call.

POWER

Red	On	Power on
	Flashing	In error

BATTERY

▷ **Charging**

You need to charge the battery before initial use and when ┉┅ (needs to be charged) flashes.
Put the handset with the battery in the charger (see page 5).
Charge the battery for **about 5 hours**. When charging has been completed, the charge indicator turns from red to green.

DO NOT PLACE THE CHARGER IN DIRECT SUNLIGHT.

▷ **Standard Battery Life**

If your Panasonic battery is fully charged [at 25 °C (77 °F)]:

In Talk mode	Up to about 5 hours
In Stand-by mode	Up to about 7 days

NOTE:
• Time to recharge the battery:
  — when beep tones sound every 15 seconds,
  — when ┉┅ (needs to be charged) flashes.
• When ┉┅ (needs to be charged) flashes, a call will hang up within 3 minutes.
• If you remove or reinsert the battery, the battery strength on LCD becomes low.
• The battery will discharge even while the handset's power is OFF.
• Battery life may vary depending on usage conditions and ambient temperature.

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BEFORE USING THE **KX-TD7895** IN **EMSS** MODE

This unit does not have speaker phone and monitor features, set the following preferences before using the KX-TD7895 in EMSS mode
Refer to your PBX manual for more information

Alternative Calling — Ring/Voice	This unit cannot receive alternative voice calls, inform other extension users not to use voice calling
Live Call Screening (LCS)	**Hands-free Mode:** LCS hands-free mode is not available on this unit, **set to private mode only by station programming.** To change the setting, refer to your PBX manual **Private Mode:** In this mode, the user can monitor or answer a call 1) To monitor a call Press ☎ or the LCS key* when you hear the alert tone 2) To answer a call Press the LCS key* when monitoring a call or when you hear the alert tone * The LCS key has to be assigned to a Flexible CO Key before using this feature
Parallel Connection	This unit cannot be connected in parallel with a single line telephone in EMSS mode so that it will not work properly in the parallel connection If the parallel connection mode of the PBX port is set to "Parallel ON (SLT ringing is enabled)", set to "**Parallel OFF (SLT ringing is disabled)**" Refer to your PBX manual for more information

POWER ON/OFF

▷ Power ON

1 Turn the **POWER** switch to "ON"

The LCD shows the date and time of your PBX
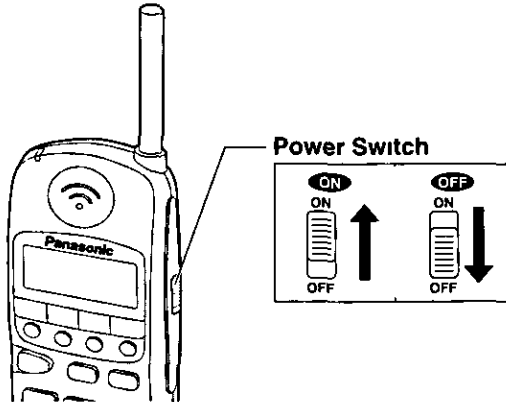or your extension number (EMSS mode only)

```
TUE MAY16 12 00P
F1   F2   F3   F4
```

after 5 seconds ──▶

```
F1   F2   F3   F4
```

▷ Power OFF

1 Turn the **POWER** switch to "OFF"

Power Switch

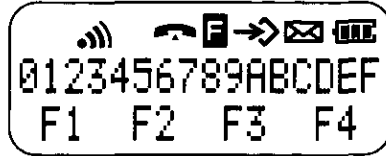- If the following display appears, send the unit to your nearest authorized service center

  ```
  Need Repair N
  ```
  (N=1 – 7)

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LIQUID CRYSTAL DISPLAY (LCD)

The display has 2 lines with 16 characters per line, and the information symbols are shown below

```
    ͟ ))ʔ    ͟    F → ⊠ ▥
0123456789ABCDEF
 F1  F2  F3  F4
```

▷ **Description of Symbols**

Symbol	Description
͟))ʔ	Intercom Indicator
͟ ͟	In Use condition
F	Function mode
→	Programming mode
⊠	Message Waiting notification (You have a message)

Battery strength

Symbol	Description
▥	fully charged
▥	medium
▥	low
-▥- (flashing)	needs to be charged

NOTE:

• EMSS When you press INFO while in idle, the LCD shows the date and time of your PBX or your extension number for 5 seconds
The way to change the LCD depends on your PBX Refer to your PBX manual for more information

1. Press INFO
The date and time of your PBX are displayed

```
TUE MAY16 12 00P
 F1  F2  F3  F4
```

2. Press (≜*)
Your extension number is displayed

```
123  Tony
 F1  F2  F3  F4
```

3. Press (≜*)
The date and time of your PBX are displayed

```
TUE MAY16 12 00P
 F1  F2  F3  F4
```

4. PBX information disappears after 5 seconds

```
 F1  F2  F3  F4
```

• EMSS The LCD also shows the Flexible Key Name
1 If 🗓 and 🅐 are set to "Volume", press FUNC first (see page 32)

```
TUE MAY16 12 00P ↔ TUE MAY16 12 00P ↔ TUE MAY16 12 00P
 F1  F2  F3  F4       F5  F6  F7  F8       F9  F10 F11 F12
```
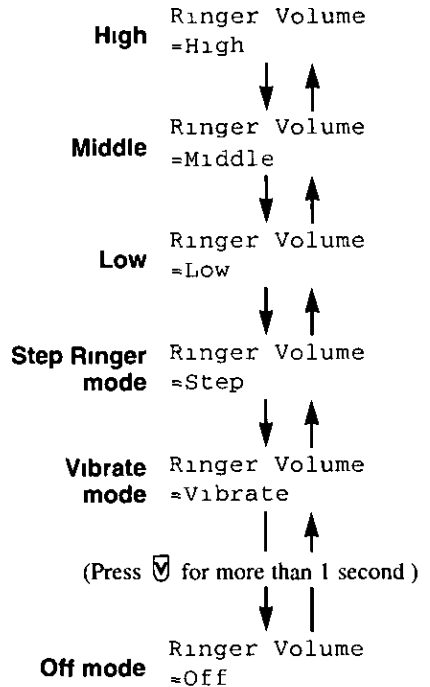
CONTROLLING THE VOLUME

▷ **Ringer Volume**

The ringer volume has three levels (Low/Middle/High) Moreover, you can select Step Ringer mode, Vibrate mode or Off mode [**Default: Middle**]

1 Press 🔽 or 🔼 repeatedly to select the desired mode

• **Step Ringer mode:**
Rings progressively louder

• **Vibrate mode:**
Does not ring, but vibrates

• **Off mode:**
Does not ring or vibrate
Only the indicator flashes green

High   Ringer Volume
=High

↓ ↑

Middle Ringer Volume
=Middle

↓ ↑

Low   Ringer Volume
=Low

↓ ↑

Step Ringer Ringer Volume
mode   =Step

↓ ↑

Vibrate Ringer Volume
mode   =Vibrate

↓ ↑

(Press 🔽 for more than 1 second)

↓ |

Off mode Ringer Volume
=Off

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NOTE·

• If Ⓥ and Ⓐ are set to "F-Key Select", press
(FUNC) first (see page 32)

• If you select Vibrate mode, the display shows
"Vibrate" while in idle

If you select Off mode, the display shows
"Ringer Off" while in idle

These displays will not appear

```
Vibrate
  F1   F2   F3   F4

Ringer    Off
  F1   F2   F3   F4
```

— |EMSS| when FWD/DND is set,

— |EMSS| while the display is showing your extension number or time,

— |EMSS| when you set Auto Answer "On" with the headset

— while the display is showing the duration time after the conversation is finished,

• When charging, the handset rings for incoming calls even if you set Vibrate
mode (except in Off mode)

• **Vibrate and Ringer mode** (vibrates 4–5 times and then rings) is also available
(see page 30)

• If you press Ⓥ while receiving a call, Vibrate mode will be set (except in Off
mode)

• If you press Ⓥ while in idle, the ring tone does not sound for confirmation, but
only the display will be changed

• If Key Click Tone is set to "Off", the ring tone does not sound while controlling
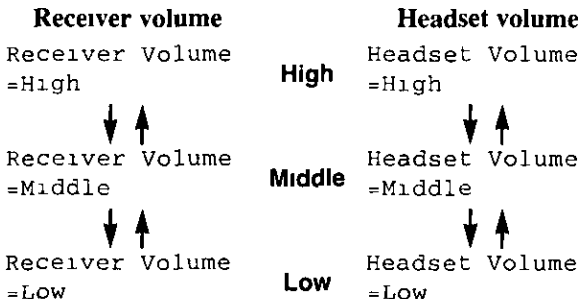the volume

▷ **Receiver/Headset Volume**

The receiver/headset volume has three levels (Low/Middle/High) This can be
changed during a conversation You can set each of them separately
[Default: Middle]
Receiver volume: when using a handset without headset
Headset volume: when using a headset

1 Press Ⓥ or Ⓐ repeatedly during a conversation

Receiver volume		Headset volume
Receiver Volume =High	**High**	Headset Volume =High
↓↑		↓↑
Receiver Volume =Middle	**Middle**	Headset Volume =Middle
↓↑		↓↑
Receiver Volume =Low	**Low**	Headset Volume =Low

NOTE:

MAKING CALLS

CALLING [EMSS]

▷ **Intercom Calling**

1 Press (INT'₄) or (☎).

                    📶   ☎

                  F1   F2   F3   F4

2 Dial the extension number, then talk.
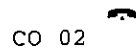
                 📶   ☎

                           101

                  F1   F2   F3   F4

3 Press (OFF) to hang up.

                  F1   F2   F3   F4

▷ **Outside Dialing, Line Access**

1 Press $\overset{F1-F12}{\bigcirc}$ (Flexible CO), or

    press (☎) then the line access number.

                              ☎

                  CO 02

                  F1   F2   F3   F4

2 Dial the phone number, then talk.

                              ☎

                      123456789

   F1   F2   F3   F4

3 Press (OFF) to hang up.

                  F1   F2   F3   F4

CALLING [SLT]

1 Press (☎).

                              ☎

                  F1   F2   F3   F4

2 Dial the phone number, then talk.

                              ☎

                      123456789

                  F1   F2   F3   F4

                              ☎

                      0:00:10

                  F1   F2   F3   F4

3 Press (OFF) to hang up.

                  F1   F2   F3   F4

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NOTE: ——

• You can also enter the phone number first and then press (INT 🔊), (☎) or F1-F12○

(**Predialing**) A pause (press (FUNC) and (⌃1) can be inserted

• |EMSS| Predialing is not available for 5 seconds after pressing (INFO) If you press (INFO), the LCD shows the date and time of your PBX or your extension number for 5 seconds (see page 10) Press (OFF) before predialing in this case

• | SLT | When your telephone is in the "PULSE" mode, press (☎∗) during a call if you need to set the "TONE" mode temporarily

DIALING THE LAST NUMBER YOU DIALED (LAST NUMBER REDIAL)

You can redial the last number you dialed

1 Press (☎)

```
☎
F1   F2   F3   F4
```

2 Press (REDIAL)

```
☎
    123456789
F1   F2   F3   F4
```

```
☎
    0  00  10
F1   F2   F3   F4
```

3 Press (OFF) to hang up

```
F1   F2   F3   F4
```

Speed Dialing [SLT]

You can call by pressing the dialing buttons assigned as the Speed Dialing buttons.

▷ **Storing**

1 Press (FUNC) and (OPER 0).

➡️
Handset Program
F1 F2 F3 F4

2 Press (INFO).

➡️
Station Program
F1 F2 F3 F4

3 Press (AUTO).

➡️
Select F-Key
F1 F2 F3 F4

4 Enter the speed dialing number ((OPER 0) - (WXYZ 9)).

Auto 1

• You can press ☑, Ⓐ or (INFO) to select another speed dialing number (Auto 0-Auto 9).

5 Enter a phone number (up to 24 digits).

123456789

• The valid characters are (OPER 0) - (WXYZ 9), (⚟✳), (☰▢),

Auto 1

Pause Button ((FUNC) ▷ (1)) and

Flash Button ((FUNC) ▷ (JKL 5)).

• To clear all digits, press (XFER CLR).

6 Press (AUTO).

➡️
123456789

7 To store another number, press (HOLD) then repeat steps **4** through **6**.

Auto 1 Stored

8 Press (OFF) to exit.

F1 F2 F3 F4

Note: ──────────

• To store "F1"-"F12", "Xfer" and "Int", see page 17.

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▷ **Dialing**

1 Press ⟨☏⟩

2 Press ⟨AUTO⟩

```
Auto
F1   F2   F3   F4
```

3 Enter a speed dialing number (⟨OPER0⟩ – ⟨WXYZ9⟩)

```
        123456789
F1   F2   F3   F4
```

NOTE: ────────────────

• You can also press ⟨STORE/AUTO⟩ and enter a speed dialing number and then press ⟨☏⟩

If you press ⟨SELECT/INFO⟩, you can see the Speed Dial number 0 indication (Auto 0)

You can press 🔽, 🔼 in order to select the Speed Dial number you desire, and

press ⟨☏⟩ **(Predialing)**

▷ **Deleting**

1 Press ⟨FUNC⟩ and ⟨PROG/OPER0⟩

```
                →》
Handset Program
F1   F2   F3   F4
```

2 Press ⟨SELECT/INFO⟩

```
                →》
Station Program
F1   F2   F3   F4
```

3 Press ⟨STORE/AUTO⟩

```
                →》
Select F-Key
F1   F2   F3   F4
```

4 Enter the stored speed dialing number
(⟨OPER0⟩ – ⟨WXYZ9⟩)

```
                →》
        123456789
Auto 1
```

• You can press 🔽, 🔼 or ⟨SELECT/INFO⟩ to select
another speed dialing number
(Auto 0–Auto 9)

5 Press ⟨XFER/CLR⟩

```
                →》

Auto 1
```

6 Press ⟨STORE/AUTO⟩

```
                →》

Auto 1 Stored
```

7 Press ⟨OFF⟩ to exit

```
F1   F2   F3   F4
```

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One-touch Dialing [SLT]

You can call by pressing $\overset{F1-F12}{\bigcirc}$ (Flexible CO), (INT•ฎ) or (XFER/CLR) assigned as the One-touch Dialing buttons.

▷ **Storing**

1 Press (FUNC) and (OPER0 PROG).

```
→◇
Handset Program
  F1  F2  F3  F4
```

2 Press (INFO SELECT).

```
→◇
Station Program
  F1  F2  F3  F4
```

3 Press (AUTO STORE).

```
→◇
Select F-Key
  F1  F2  F3  F4
```

4 Press ☑ or Ⓐ until the desired $\overset{F1-F12}{\bigcirc}$ (Flexible CO) appears.

```
→◇
Select F-Key
  F5  F6  F7  F8
```

5 Press the desired $\overset{F1-F12}{\bigcirc}$ (Flexible CO), (INT•ฎ) or (XFER/CLR).

- You can press ☑, Ⓐ or (INFO SELECT) to select another Flexible Key (F1-F12, Xfer and Int).

```
F5
```

6 Enter a phone number (up to 24 digits).
- The valid characters are (OPER0)-(WXYZ9), (☎*), (⧆#),
  Pause Button ((FUNC) ▷ (1 PAUSE)) and
  Flash Button ((FUNC) ▷ (JKL5 FLASH)).
- To clear all digits, press (XFER/CLR).

```
           123
F5
```

7 Press (AUTO STORE).

```
           →◇ 123
F5    Stored
```

8 To store another number, press (HOLD) then repeat steps **4** through **7**.

9 Press (OFF) to exit.

```
  F1  F2  F3  F4
```

Note: _____

- "Xfer" is set to "F" (FLASH) as the default setting.
- To store "Auto 0"-"Auto 9", see page 15.

▷ **Dialing**

1 Press 📞

2 Press the desired one-touch button ($\overset{F1-F12}{\bigcirc}$, (INT.ᴬ) or (XFER CLR))

• You can omit step **1** by pressing $\overset{F1-F12}{\bigcirc}$ or (INT.ᴬ) (**Full one-touch dialing**)

▷ **Deleting**

1 Press (FUNC) and (OPER O)

2 Press (INFO)ˢᴱᴸᴱᶜᵀ

3 Press (AUTO)ˢᵀᴼᴿᴱ

→
Select F-Key
F1   F2   F3   F4

4 Press 🔽 or 🔼 until the desired $\overset{F1-F12}{\bigcirc}$ (Flexible CO) appears

→
Select F-Key
F5   F6   F7   F8

5 Press the stored $\overset{F1-F12}{\bigcirc}$ (Flexible CO), (INT.ᴬ) or (XFER CLR)

→
123

F5

• You can press 🔽, 🔼 or (INFO)ˢᴱᴸᴱᶜᵀ to select another Flexible Key

6 Press (XFER CLR)

→

F5

7 Press (AUTO)ˢᵀᴼᴿᴱ

→

F5   Stored

8 Press (OFF) to exit

F1   F2   F3   F4

RECEIVING CALLS

RECEIVING

When you receive a call, the handset rings or vibrates and the Ringing/Charge indicator flashes green.

▷ **Auto Talk**

Lift up the Handset from the charger (**Auto Talk**).
• Available when "Auto Talk" is set to "On" in Handset Programming (see page 33).

▷ **Any Key Answer**

Press any dialing button (**Any Key Answer**).
• Available when "Any Key Answer" is set to "On" in Handset Programming (see page 33).

RECEIVING EMSS

▷ **Intercom Incoming Call**

1 Press (☎) or (INT·🔊).

2 Press (OFF) to hang up.

```
🔊    ☎
123: Tony
F1  F2  F3  F4
```

▷ **CO Incoming Call**

1 Press the flashing F1~F12 ◯ (Flexible CO) or (☎).

2 Press (OFF) to hang up.

```
CO 01:1234567890
F1  F2  F3  F4
```

▷ **Auto Answer**

When you use a headset, it can answer incoming intercom calls automatically.
• Available when "Auto Answer" is set to "On" in Handset Programming (see page 31).

RECEIVING CALLS

RECEIVING SLT

1 Press ☎

2 Press OFF to hang up

```
 0  00  00
F1  F2  F3  F4
```

NOTE: _____

• EMSS ✉ (Message Waiting notification) means that a call has been received To call back, see page 24

• EMSS When you receive an intercom call, the extension number and name of the receiving caller appear on the display

```
123  Tony
F1  F2  F3  F4
```

• EMSS When you receive a CO call, the CO line number or name of the receiving caller appears on the display

```
CO 01 1234567890
F1  F2  F3  F4
```

• SLT When you receive a call, "Receiving" is displayed

```
Receiving
F1  F2  F3  F4
```

PLACING A CALL ON HOLD

▷ **Holding**

1 Press (HOLD)

|EMSS| " •◀)) " flashes (Intercom Call)

F1 – F12
○ flashes (CO Call)

| SLT | " ☎ " flashes

▷ **Retrieving a call on hold**

1 |EMSS| Press (INT•◀)) (Intercom Call)

F1 – F12
Press the flashing ○ (CO Call)

| SLT | Press (☎)

THREE-PARTY CONVERSATION (CONFERENCE) |EMSS|

The following operations are available when you connect to the KX-TD500 If you connect to another system, refer to the Features List (pages 44–47) or the connecting system manual

1 Press (FUNC) then (GHI 4) during a conversation   ☎

| | F1 | F2 | F3 | F4 |

2 Dial the third party's number   •◀)) ☎

101

| | F1 | F2 | F3 | F4 |

3 Press (FUNC) then (GHI 4) after the third party answers   ☎

101&103

| | F1 | F2 | F3 | F4 |

TRANSFERRING A CALL [EMSS]

▷ **Transferring a call to an extension**

1 Press (XFER/CLR) during a conversation.

F1   F2   F3   F4

2 Dial the extension number.

101

F1   F2   F3   F4

3 Wait for an answer and announce.

4 Press (OFF).

F1   F2   F3   F4

▷ **Transferring a call to an outside party**
— This feature must be enabled by PBX Programming.

1 Press (XFER/CLR) during a conversation.

F1   F2   F3   F4

2 Press F1-F12 (Flexible CO) or enter the line
access number, and dial the phone number.

123456789

F1   F2   F3   F4

3 Wait for an answer and announce.

4 Press (OFF).

F1   F2   F3   F4

22

MESSAGE WAITING

LEAVING A CALL NOTIFICATION [EMSS]

When the called extension is busy or does not answer, you can leave a notification to have the called extension call you back. The following operations are available when the unit is connected to the KX-TD500. If the unit is connected to another system, refer to the Features List (pages 44–47) or the connecting system manual.

▷ **To leave a notification when the called extension is busy or does not answer**

1 Press (FUNC) then (DEF3).
(Confirmation tone sounds.)

```
MW at Ext 101
F5  F6  F7  F8
```

2 Press (OFF).

▷ **To cancel a notification**

1 Press (☎).

```
MW Cancel:E101
F5  F6  F7  F8
```

2 Press (PQRS7)(OPER0)(OPER0).

3 Dial an extension number.

4 Press (OFF).

23

MESSAGE WAITING

CALLING BACK WHEN YOU RECEIVE A NOTIFICATION EMSS

✉ (Message Waiting Notification) on the display tells you that a call has been received. The following operations are available when the unit is connected to the KX-TD500. If the unit is connected to another system, refer to the Features List (pages 44–47) or the connecting system manual.

▷ **To call back**

1 Press ☎.

2 Press (FUNC) then (DEF3).

3 An extension number is displayed and the unit calls back automatically.

```
        ✉
F1  F2  F3  F4

101: Ann
F5  F6  F7  F8
```

▷ **To clear all notifications**

1 Press ☎.

2 Press (PQRS7)(OPER0)(OPER0).

3 Dial your own extension number.

4 Press (OFF).

```
MW Cancelled
F1  F2  F3  F4
```

FORWARDING YOUR CALLS (CALL FORWARDING [FWD]) EMSS

Specified calls to your telephone are automatically forwarded to another preset extension. The following operations are available when the unit is connected to the KX-TD500. If the unit is connected to another system, refer to the Features List (pages 44–47) or the connecting system manual.

▷ **Setting**

1 Press 📞.

2 Press (FUNC) then (ABC2) FWD/DND.

3 Select the desired feature.

Dial (ABC2) ▷ extension number. — **All Calls**

Dial (DEF3) ▷ extension number. — **Busy**

Dial (GHI4) ▷ extension number. — **No Answer**

Dial (JKL5) ▷ extension number. — **Busy/No Answer**

Dial (MNO6), line access number

  ▷ phone number ▷ (SP-PHONE). — **To an outside line**

Dial (PORS7) ▷ your own extension number. — **Follow Me**

```
  )))  📞
FWD(All)  Ext101
 F1   F2   F3   F4
```

4 Press (OFF).

▷ **Canceling**

1 Press 📞.

2 Press (FUNC) then (ABC2) FWD/DND.

3 Dial (OPER0). — **To cancel**

Dial (TUV8) ▷ your extension number. — **To cancel Follow Me**

```
  )))  📞
FWD/DND  Cancel
 F1   F2   F3   F4
```

4 Press (OFF).

NOTE: _____

• If FWD is set, the display flashes "FWD/DND" while in idle. Except:
  — while the LCD is showing your extension number or time,
  — while the LCD is showing the duration time after the conversation is finished.

USEFUL FEATURES

PREVENTING OTHERS FROM DISTURBING YOU

(DO NOT DISTURB [DND]) [EMSS]

Your extension can reject any call. The following operations are available when the unit is connected to the KX-TD500. If the unit is connected to another system, refer to the Features List (pages 44–47) or the connecting system manual.

▷ **Setting**

1 Press (📞).

2 Press (FUNC) then (ABC2).

3 Press (1).

4 Press (OFF).

```
.)) 📞
Do Not Disturb
F1  F2  F3  F4
```

▷ **Canceling**

1 Press (📞).

2 Press (FUNC) then (ABC2).

3 Press (OPER0).

4 Press (OFF).

```
.)) 📞
FWD/DND Cancel
F1  F2  F3  F4
```

NOTE:

• If DND is set, "FWD/DND" is displayed while in idle. Except:
  — while the LCD is showing your extension number or time,
  — while the LCD is showing the duration time after the conversation is finished.

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USEFUL FEATURES

FLASH [EMSS]

You can disconnect the current call and make another call.

1 Press (FUNC) then (JKL5) while dialing or talking.

2 Make another call.

NOTE: _____

• [SLT]: This operation functions as a hooking signal which is used to access the special features offered by a PBX or Central Office (e.g., Call Waiting).

KEY LOCK

You can lock the buttons while in idle.

▷ **Setting (Key Lock ON)**

1 Press (FUNC/KEYLOCK) for about 1 second until beep tones sound.

```
Keylock On
F1  F2  F3  F4
```

▷ **Canceling (Key Lock OFF)**

1 Press (FUNC/KEYLOCK) for about 1 second until beep tones sound.

```
Key Unlocked
F1  F2  F3  F4
```

NOTE: _____

• In Key Lock mode, only (FUNC/KEYLOCK) works while in idle. However, you can answer the calls by pressing (INT▪📶), (📞) or flashing ⁱ⁰ ○.

PBX STATION PROGRAMMING [EMSS]

You can program certain features of your PBX with your handset. The possible programming features will vary according to your PBX system. For details, refer to your PBX manual. You cannot make/receive a call during programming. The programming mode is canceled when there is a pause over 30 seconds.

▷ **To enter the PBX Station Programming mode**

1 Press (FUNC) and (OPER 0).

```
→⟩
Handset Program
F1   F2   F3   F4
```

2 Press (INFO) [SELECT].

```
→⟩
Station Program
F1   F2   F3   F4
```

3 Press (AUTO) [STORE].

```
→⟩
PT-PGM Mode
F1   F2   F3   F4
```

▷ **To exit the PBX Station Programming mode**

1 Press (OFF).

PROGRAMMING

HANDSET PROGRAMMING

You can change the default settings or programming of the handset.

The programming mode is canceled:
— when you receive a call,
— when there is a pause over 30 seconds,
— when you put the handset in the charger.

▷ **To enter the Handset Programming mode**

1 Press (FUNC) and (PROG OPER 0).

2 Press (STORE AUTO).

3 Select the menu by pressing (⇔*) or (↕□).

```
          ⇥
Handset Program
  F1   F2   F3   F4

Vibrate&Ringer
=Off

Ringer Pattern
=1
```

The programming variations are:

• Vibrate and Ringer   (page 30)
• Ringer Pattern Selection   (page 30)
• Auto Answer*   (page 31)
• Key Click Tone Set   (page 31)
• Up/Down (Volume) Key Assignment (page 32)
• Automatic Flexible Key Selection* (page 32)
• Back Light   (page 33)
• Auto Talk   (page 33)
• Any Key Answer   (page 33)
• Flexible Key Name Set   (page 34)
• Handset Programming Data Default Set (page 35)

* This is not available in SLT mode.

▷ **To exit the Handset Programming mode**

1 Press (OFF).

```
F1   F2   F3   F4
```

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VIBRATE AND RINGER

When you receive a call, your handset vibrates 4–5 times then rings.
[Default: Off]

1 Enter the Handset Programming mode (press (FUNC), (OPER 0) and (AUTO STORE)) and select "Vibrate&Ringer".

```
Vibrate&Ringer
=Off
```

2 Select "On" or "Off" by pressing (INFO SELECT).

```
Vibrate&Ringer
=On
```

3 Program other items by pressing (≘*) or (≥□).
or
Exit by pressing (OFF).

RINGER PATTERN SELECTION

You have 6 ringer types (1 through 6). **[Default: 1]**

1 Enter the Handset Programming mode (press (FUNC), (OPER 0) and (AUTO STORE)) and select "Ringer Pattern" by pressing (≥□).

```
Ringer Pattern
=1
```

2 Select the desired ringer pattern by pressing (1)–(MNO 6),
or
pressing (INFO SELECT) repeatedly.

```
Ringer Pattern
=2
```

3 Program other items by pressing (≘*) or (≥□).
or
Exit by pressing (OFF).

AUTO ANSWER EMSS

When you use a headset, the handset can answer intercom calls automatically.
[Default: Off]

1 Enter the Handset Programming mode (press
(FUNC), (OPERO) and (AUTO)) and select
"Auto Answer" by pressing (ΞΦ).

```
Auto Answer
=Off
```

2 Select "Off" or "On" by pressing (INFO).

```
Auto Answer
=On
```

3 Program other items by pressing (≙✱) or (ΞΦ).
or
Exit by pressing (OFF).

NOTE: ————————————————————————————————

• This function is available when using a headset.
• When this feature is set to "On" and using a headset,
"Auto Answer On" is displayed while in idle
(except FWD/DND is set).

```
Auto Answer On
F1  F2  F3  F4
```

• Make sure to set to "Off" when you leave your desk, otherwise, the handset will
answer an intercom call automatically even though you are not there.

KEY CLICK TONE SET

You can turn off the key tone. **[Default: On]**

1 Enter the Handset Programming mode (press
(FUNC), (OPERO) and (AUTO)) and select
"Key Click" by pressing (ΞΦ).

```
Key Click
=On
```

2 Select "On" or "Off" by pressing (INFO).

```
Key Click
=Off
```

3 Program other items by pressing (≙✱) or (ΞΦ).
or
Exit by pressing (OFF).

NOTE: ————————————————————————————————

• If you set to "Off", the ring tone does not sound while controlling the volume.

Up/Down (Volume) Key Assignment

You can assign the ⓥ and ⓐ keys to function as a "Volume" key or an "F-Key Select" key. [**Default: Volume**]

1 Enter the Handset Programming mode (press (FUNC), (OPER·0) and (AUTO)) and select "Vol Key Assign" by pressing (≥⊟).

```
Vol Key Assign
=Volume
```

2 Select "Volume" or "F-Key Select" by pressing (INFO).

```
Vol Key Assign
=F-Key Select
```

3 Program other items by pressing (⊇✱) or (≥⊟).
   or
   Exit by pressing (OFF).

NOTE: _____

• By pressing (FUNC) before ⓥ/ⓐ,
   — ⓥ/ⓐ can work as "F-Key Select" keys, even if ⓥ/ⓐ are assigned as "Volume" keys.
   — ⓥ/ⓐ can work as "Volume" keys, even if ⓥ/ⓐ are assigned as "F-Key Select" keys.

Automatic Flexible Key Selection [EMSS]

When you make or receive a call, the name of the used line (F1–F12) will be displayed on the bottom line on LCD. A CO button which indicates green corresponds to the name. [**Default: Off**]

1 Enter the Handset Programming mode (press (FUNC), (OPER·0) and (AUTO)) and select "Auto FKey Select" by pressing (≥⊟).

```
Auto FKey Select
=Off
```

2 Select "On" or "Off" by pressing (INFO).

```
Auto FKey Select
=On
```

3 Program other items by pressing (⊇✱) or (≥⊟).
   or
   Exit by pressing (OFF).

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BACK LIGHT

You can turn off the LCD and keypad back lights to save your battery
[Default: On]

1 Enter the Handset Programming mode (press
(FUNC), (OPER O) and (AUTO STORE)) and select
"Back Light" by pressing (≳▢)

2 Select "On" or "Off" by pressing (INFO SELECT)

3 Program other items by pressing (≳✱) or (≳▢)
or
Exit by pressing (OFF)

```
Back Light
=On
```

```
Back Light
=Off
```

AUTO TALK

You can answer a call by just lifting up the handset from the charger
[Default. On]

1 Enter the Handset Programming mode (press
(FUNC), (OPER O) and (AUTO STORE)) and select
"Auto Talk" by pressing (≳▢)

2 Select "On" or "Off" by pressing (INFO SELECT)

3 Program other items by pressing (≳✱) or (≳▢)
or
Exit by pressing (OFF)

```
Auto Talk
=On
```

```
Auto Talk
=Off
```

ANY KEY ANSWER

You can answer a call by pressing any key except ◯ (F1 - F12) and (INT ▥)
[Default: Off]

1 Enter the Handset Programming mode (press
(FUNC), (OPER O) and (AUTO STORE)) and select
"Any Key Answer" by pressing (≳▢)

2 Select "Off" or "On" by pressing (INFO SELECT)

3 Program other items by pressing (≳✱) or (≳▢)
or
Exit by pressing (OFF)

```
Any Key Answer
=Off
```

```
Any Key Answer
=On
```

FLEXIBLE KEY NAME SET

You can name the 12 F-keys (three characters max. per key).
[Default: FXX (XX = 1–12)]

1 Enter the Handset Programming mode (press
(FUNC), (OPER○) and (AUTO)) and select
"F-Key Name Set" by pressing (≥▢).

```
F-Key Name Set
F1  F2  F3  F4
```

2 Show the F-Key you want to name by pressing
▽ or ▲.

```
F-Key Name Set
F5  F6  F7  F8
```

3 Select the F-Key by pressing F1~F12 ○ or (SELECT INFO).

```
F-Key Name Set
F1 =F1
```

4 Press (XFER CLR).

```
F-Key Name Set
F1 =
```

5 Enter a name (up to 3 characters).
Refer to the Character Combination Table below.

```
F-Key Name Set
F1 =C
```

6 Store the name by pressing (STORE AUTO).
→ the next F-Key is displayed.

```
F-Key Name Set
F1 =CO1 Stored
```

7 Name the next F-Key by repeating steps **3** through **6**.

8 Program other items by pressing (HOLD), and (≘✱) or (≥▢).
or
Exit by pressing (OFF).

▷ **Character Combination Table**

Dial buttons can be also used as letters and symbols for character input keys. Use (≥▢) (Next) or (≘✱) (Previous) to move the cursor to change or enter a character. Three space characters cannot be stored.

Keys	Pressing times								
	1	2	3	4	5	6	7	8	9
1	.	,	:	1					
2	A	B	C	a	b	c	2		
3	D	E	F	d	e	f	3		
4	G	H	I	g	h	i	4		
5	J	K	L	j	k	l	5		
6	M	N	O	m	n	o	6		
7	P	Q	R	S	p	q	r	s	7
8	T	U	V	t	u	v	8		
9	W	X	Y	Z	w	x	y	z	9
0	(space)	–	✱	#	&	$	(	)	0

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HANDSET PROGRAMMING DATA DEFAULT SET

All of the following settings can be returned to the default settings at one time.

<All Data Default Set>
- Handset Program
- Ringer/Receiver Volume (pages 11 and 12)
- SLT Station Program
  - — Speed Dialing (page 15)
  - — One-touch Dialing (page 17)

<Handset Program Data Default Set>
- Vibrate and Ringer   (page 30)
- Ringer Pattern Selection   (page 30)
- Auto Answer   (page 31)
- Key Click Tone Set   (page 31)
- Up/Down (Volume) Key Assignment (page 32)
- Automatic Flexible Key Selection   (page 32)
- Back Light   (page 33)
- Auto Talk   (page 33)
- Any Key Answer   (page 33)
- Flexible Key Name Set   (page 34)

1 Enter the Handset Programming mode (press

(FUNC), (OPER 0) and (AUTO)) and select

"Clear Ready?" by pressing (≥0).

```
Clear Ready?
=All
```

2 Select the desired item by pressing (INFO).

```
Clear Ready?
=Handset Program
```

3 Clear by pressing (AUTO).

4 Program other items by pressing (≥*) or (≥0).

or

Exit by pressing (OFF).

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REPLACING THE BATTERY

Cord (Black)

Cord (Red)
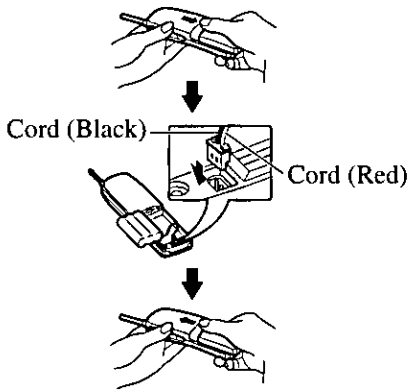
1 Set the **POWER** switch to "OFF".

2 Open the battery cover and remove the used battery.

3 Connect the new battery cord and install the new battery.

4 Close the cover.

5 Set the **POWER** switch to "ON."

NOTE:

• If you replace the battery, all programmed data except F-KEY name set will be lost.

• Please order Panasonic battery with service part No. PSPT3HRAAU41 to replace. (Part No. on battery case is PSPT3HRAAU4165.)


CAUTION:

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type of battery recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.
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.
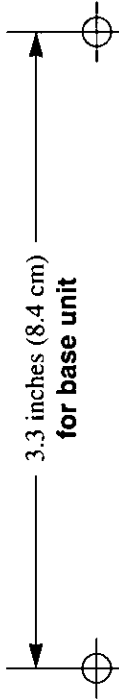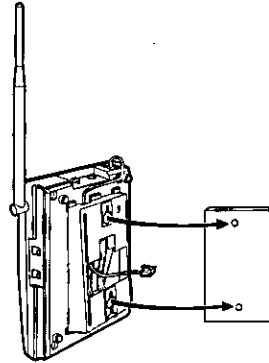
WALL MOUNTING

The base unit and the charger can be mounted on a wall.

▷ **Base Unit**

1 Drill 2 holes spaced 3.3 inches (8.4 cm) apart and drive 2 screws.

2 Insert the tabs of the wall mounting plate (included) into the openings of the base unit, then push it in the direction of the arrow.
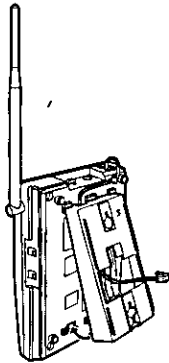
3 Mount the base unit securely on the wall.

3.3 inches (8.4 cm) for base unit

▷ **Charger**

1 Connect the charger to a power outlet using the AC adaptor.

Cord Holder

→ To Power Outlet
AC Adaptor
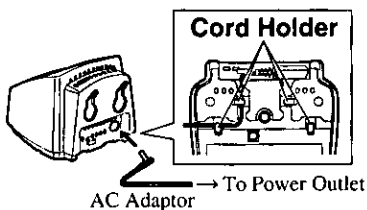
2 Drive screws using the wall template on the right.

Screws

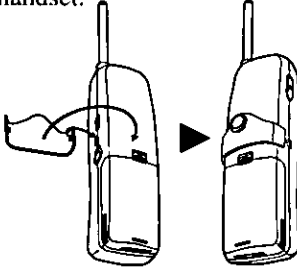0.94 inches (2.4 cm)

0.94 inches (2.4 cm) for charger
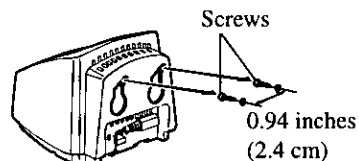
3 Mount the charger securely on the wall.

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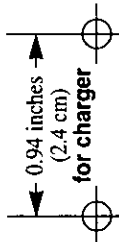
INSTALLING THE HANDSET CLIP

You can hang the handset on your belt.

1 Attach the handset clip on your handset.

3 Insert the handset with handset clip on your belt holder.
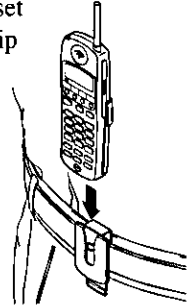
2 Attach the belt holder on your belt.
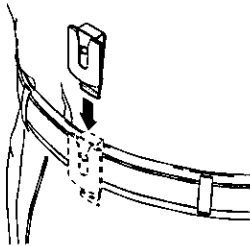
4 Make sure to turn the handset 180° when you take it off.
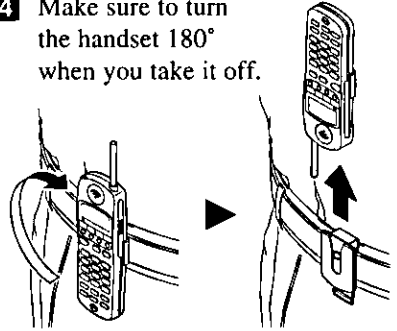
LOCATING THE HANDSET FROM THE BASE UNIT

You can find a missing handset. Also, you may locate a person with a handset from the base unit by emitting beep tones for 60 seconds. The Locator function is not available if the handset is in use.
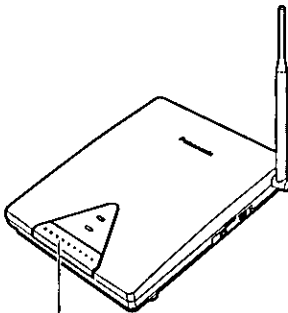
1 Press the **LOCATOR** button on the base unit.

The **IN USE** indicator flashes and the handset beeps.

To stop the beeping,
press the **LOCATOR** button again
or
press (OFF).

LOCATOR Button

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| Trouble	Remedy
The unit does not work.	• Set the POWER switch to "ON." • The unit was not connected properly (see pages 5 and 6). • The handset battery is weak. Charge the battery fully. • Install the battery properly (see page 36).
Sound flutters or fades.	• You are too far from the base unit, approach the base unit. • Raise the antenna of the base unit. • Place the base unit away from office equipment such as computers.
I am encountering interference from another unit.	• Set the handset and the base unit away from other electrical appliances.
The handset does not ring.	• Set the POWER switch to "ON." • Change the ringer volume level.
Beep tones sound every 15 seconds during a conversation.	• Charge the battery fully, or replace the new handset battery.
I charged the battery for 5 hours, but the beep tones sound every 15 seconds and ⫧⟍⫧ (needs to be charged) flashes after a few telephone calls.	• Clean the battery charge contacts without damaging them and charge once more. • It is time to change the battery. Replace with a new one.
I cannot use the unit during a power failure.	• The unit will not function during a power failure.
I cannot store a phone number into memory.	• Do not pause for over 30 seconds while storing.
While operating the unit, the AC adaptor feels warm. While charging the battery, the handset feels warm.	• These are normal conditions.
I cannot make a call from a parallel single line telephone.	• A single line telephone cannot be connected in parallel with this unit in EMSS mode (see page 8).
The charge indicator flashes red rapidly.	• Make sure the battery cord is connected.

IMPORTANT SAFETY INSTRUCTIONS

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from AC 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 bathtub, washbowl, kitchen sink, or the like.
5. Place this unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
9. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
10. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized servicenter when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to an authorized servicenter when the following conditions occur:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized servicenter.
    E. If the unit has been dropped or physically 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 an electric shock from lightning.
14. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

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IMPORTANT SAFETY INSTRUCTIONS

CAUTION

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

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

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: (found on the bottom of the unit)
— The particular telephone lines to which the equipment is connected.
This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

Ringer Equivalence Number (REN):

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.

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IMPORTANT SAFETY INSTRUCTIONS

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.

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.

CAUTION:

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

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.

Some wireless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the wireless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the wireless telephone further away from the TV or VCR. This will often reduce or eliminate interference.

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.

Medical — consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The unit operates in the frequency range of 905 MHz to 925 MHz and the power output level can range from 0.01 watts to 0.1 watts.) Do not use the unit in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF (radio frequency) energy.

Routine care — wipe the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder. When you leave the unit unused for a long period of time, unplug the AC adaptor from the outlet.

IMPORTANT SAFETY INSTRUCTIONS

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 your telephone company.

Hearing Aid Compatibility

This telephone provides magnetic coupling for hearing aids.

For Product Service

• Panasonic Servicenters are listed in the servicenter directory.
• Call 1-800-211-PANA (7262) for the location of an authorized servicenter.
• Panasonic's e-mail address for customer inquiries:
  consumerproducts@panasonic.com
  for customers in the USA or Puerto Rico ONLY

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 Panasonic Consumer Electronics Company listed on the back cover or to executive or regional sales offices. These locations do not repair consumer products.

• 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。

The features of the KX-TA624, KX- TD816/1232/308, KX-TD500 and KX-T336 are listed below. For more information, refer to your PBX manual.

For the KX-TA624

Desired Function	Operation
Call Forwarding	☎ ▶ FUNC ▶ ABC2 ▶ **All Calls** ▶ OFF 1 ▶ extension no. ▶ ⊠☐ **Busy/No Answer** ABC2 ▶ extension no. ▶ ⊠☐ **To an outside line** DEF3 ▶ line access no. ▶ phone no. ▶ ⊠☐ **Follow Me** JKL5 ▶ your extension no. ▶ ⊠☐ **Cancel** OPER0 ⊠☐ **Cancel Follow Me** TUV8 ▶ your extension no. ▶ ⊠☐
Call on Hold	**Holding** HOLD ┊ **To retrieve a call on hold** F1-F12 ○ INT ▶ Talk
Call Transfer	XFER/CLR ▶ ⌈ extension no. to an extension ⌉ ▶ Announce ▶ OFF ⌊ F1-F12 ○ phone no. to an external party ⌋
Conference	FUNC ▶ GHI4 ▶ third party's no. ▶ Talk ▶ FUNC ▶ GHI4
Do Not Disturb (DND)	☎ ▶ FUNC ▶ ABC2 ▶ ⌈ GHI4 to set ⌉ ▶ ⊠☐ ▶ OFF ⌊ OPER0 to cancel ⌋
Message Waiting	**To leave a notification** *If the called extension is busy or does not answer* FUNC ▶ DEF3 ▶ OFF **To cancel a notification** ☎ ▶ extension no. ▶ FUNC ▶ DEF3 ▶ FUNC ▶ DEF3 ▶ OFF **To check a message** *While in idle* FUNC ▶ DEF3 **To call back** ☎ ▶ FUNC ▶ DEF3 ▶ Talk **To clear all notifications** ☎ ▶ PQRS7 OPER0 OPER0 ▶ ⊠☐ ▶ OFF

For the KX-TD816/1232/308

| Desired Function	Operation
Call Forwarding	⊶ ▸ (FUNC) ▸ (ABC2) **All Calls** (ABC2) ▸ extension no. ▸ (OFF) **Busy** (DEF3) ▸ extension no. **No Answer** (GHI4) ▸ extension no. **Busy/No Answer** (JKL5) ▸ extension no. **To an outside line** (MNO6) ▸ line access no. ▸ phone no. ▸ (☎) **Follow Me** (PQRS7) ▸ your extension no. **Cancel** (OPER0) **Cancel Follow Me** (TUV8) ▸ your extension no.
Call on Hold	**Holding** (HOLD) ⁞ **To retrieve a call on hold** [F1-F12 / INT▲] ▸ Talk
Call Transfer	(TRFR/CLR) ▸ [extension no. → to an extension / F1-F12 phone no. → to an external party] ▸ Announce ▸ (OFF)
Conference	(FUNC) ▸ (CONF/GHI4) ▸ third party's no. ▸ Talk ▸ (FUNC) ▸ (CONF/GHI4)
Do Not Disturb (DND)	⊶ ▸ (FUNC) ▸ (ABC2) ▸ [(1) → to set / (OPER0) → to cancel] ▸ (OFF)
Message Waiting	**To leave a notification** *If the called extension is busy or does not answer* (FUNC) ▸ (MSG/DEF3) ▸ (OFF) **To cancel a notification** ⊶ ▸ (PQRS7)(OPER0)(OPER0) ▸ extension no. ▸ (OFF) **To check a message** *While in idle* (FUNC) ▸ (MSG/DEF3) **To call back** ⊶ ▸ (FUNC) ▸ (MSG/DEF3) ▸ Talk **To clear all notifications** ⊶ ▸ (PQRS7)(OPER0)(OPER0) ▸ your extension no. ▸ (OFF)

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For the KX-TD500

Desired Function	Operation
Call Forwarding	(☎) ▶ (FUNC) ▶ (ABC2) FWD/DND **All Calls** (ABC2) ▶ extension no. **Busy** (DEF3) ▶ extension no. **No Answer** (GHI4) ▶ extension no. **Busy/No Answer** (JKL5) ▶ extension no. **To an outside line** (MNO6) ▶ line access no. ▶ phone no. ▶ (≅☐) **Follow Me** (PQRS7) ▶ your extension no. **Cancel** (OPER0) **Cancel Follow Me** (TUV8) ▶ your extension no. ▶ (OFF)
Call on Hold	**Holding** (HOLD) ┊ **To retrieve a call on hold** F1~F12 ○ (INT☎) ▶ Talk
Call Transfer	(XFER/CLR) ▶ [extension no. _to an extension_ / F1~F12 ○ phone no. _to an external party_] ▶ Announce ▶ (OFF)
Conference	(FUNC) ▶ (GHI4) CONF ▶ third party's no. ▶ Talk ▶ (FUNC) ▶ (GHI4) CONF
Do Not Disturb (DND)	(☎) ▶ (FUNC) ▶ (ABC2) FWD/DND ▶ [(1) to set / (OPER0) to cancel] ▶ (OFF)
Message Waiting	**To leave a notification** _If the called extension is busy or does not answer_ (FUNC) ▶ (DEF3) MSG ▶ (OFF) **To cancel a notification** (☎) ▶ (PQRS7)(OPER0)(OPER0) ▶ extension no. ▶ (OFF) **To check a message** _While in idle_ (FUNC) ▶ (DEF3) MSG **To call back** (☎) ▶ (FUNC) ▶ (DEF3) MSG ▶ Talk **To clear all notifications** (☎) ▶ (PQRS7)(OPER0)(OPER0) ▶ your extension no. ▶ (OFF)

For the KX-T336

Desired Function	Operation
Call Forwarding	☎ ▶ FUNC ▶ ABC2 ▶ **All Calls** ▶ OFF ABC2 ▶ extension no. **Busy/Off-Hook** DEF3 ▶ extension no. **No Answer** GHI4 ▶ extension no. **Busy/Off-Hook / No Answer** MNO6 ▶ extension no. **To an outside line** JKL5 ▶ line access no. ▶ phone no. ▶ ⊠☐ **Follow Me** PQRS7 ▶ your extension no. **Cancel** OPER0 **Cancel Follow Me** TUV8 ▶ your extension no.
Call on Hold	**Holding** ┊ **To retrieve a call on hold** HOLD ┊ F1~F12 ⌒ ▶ Talk
Call Transfer	XFER/CLR ▶ [extension no. to an extension F1~F12 ⌒ phone no. to an external party] ▶ Announce ▶ OFF
Conference	FUNC ▶ CONF GHI4 ▶ third party's no. ▶ Talk ▶ FUNC ▶ CONF GHI4
Do Not Disturb (DND)	☎ ▶ FUNC ▶ FWD/DND ABC2 ▶ [1 to set OPER0 to cancel] ▶ OFF
Message Waiting	**To leave a notification** *If the called extension is busy or does not answer* FUNC ▶ MSG DEF3 ▶ OFF **To cancel a notification** ☎ ▶ ⊠☐ WXYZ9 ▶ extension no. ▶ OFF **To check a message** *While in idle* FUNC ▶ MSG DEF3 **To call back** ☎ ▶ FUNC ▶ MSG DEF3 ▶ Talk **To clear all notifications** ☎ ▶ ⊠☐ WXYZ9 ▶ your extension no. ▶ OFF

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For your future reference

SERIAL NO. _____
(found on the bottom of the unit)

DATE OF PURCHASE _____

NAME OF DEALER _____

DEALER'S ADDRESS _____

_____

_____

_____

DEALER'S TEL. NO. _____

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