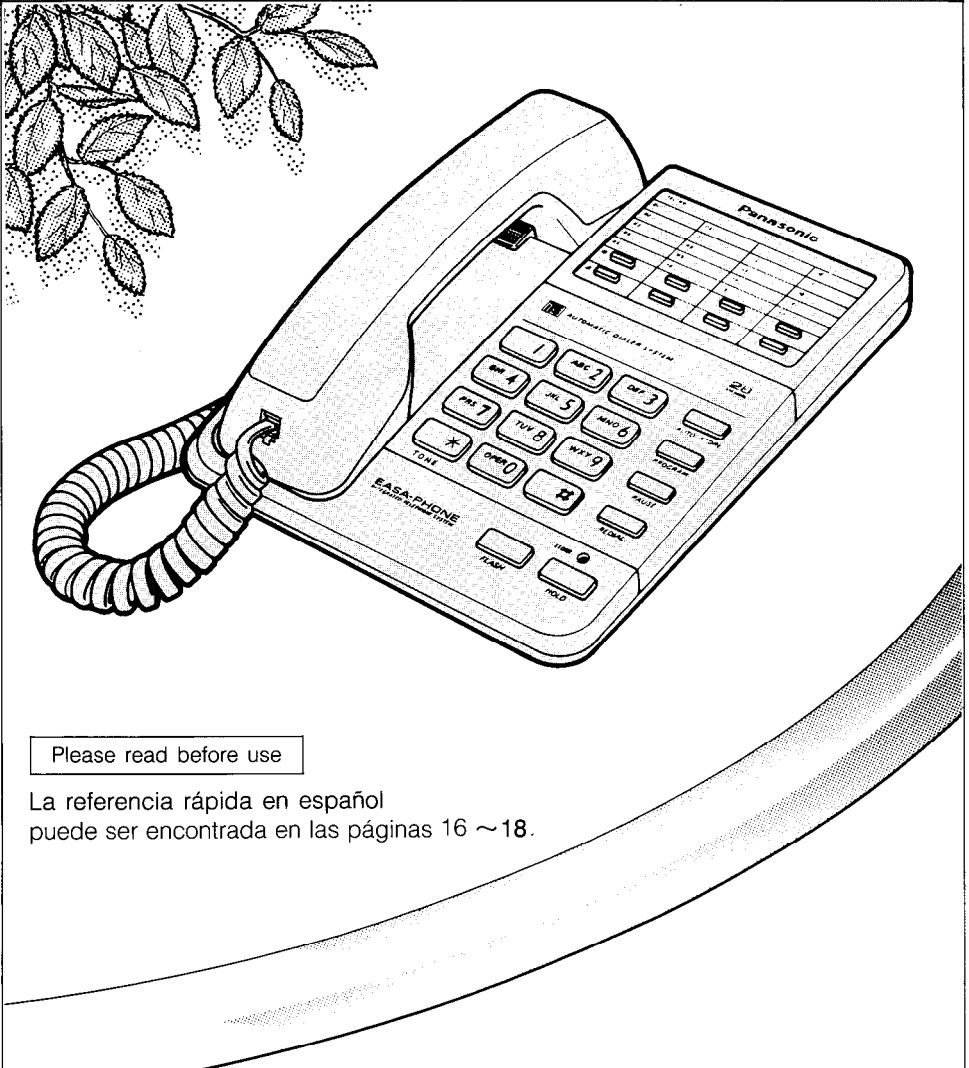


Panasonic

INTEGRATED
TELEPHONE SYSTEM
EASA-PHONE®

MODEL NO. **KX-T2310**

OPERATING INSTRUCTIONS



Please read before use

La referencia rápida en español
puede ser encontrada en las páginas 16 ~ 18.

Features

Thank you for purchasing the Panasonic Telephone.

The KX-T2310 features include:

■ **Local Mode**

The unit can be set to prohibit the user from making long-distance and overseas calls.

■ **One-Touch/Speed Dialing**

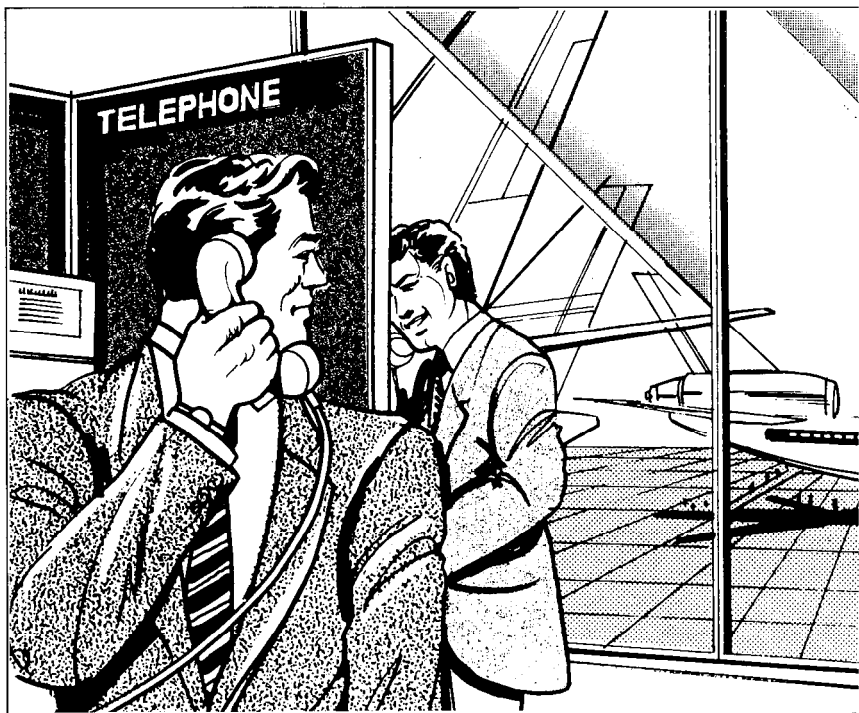
for up to 20 16-digit telephone numbers plus 8 one-touch automatic dialing buttons.

■ **One-Touch Redial**

for the last dialed number every time the redial button is pressed.

■ **Switchable Tone/Pulse Settings**

for compatibility with tone-actuated computer systems and any phone line.



■ **One-Touch Tone Switching**

lets you temporarily switch to tone from pulse mode by pressing a button.

■ **Electronic Hold**

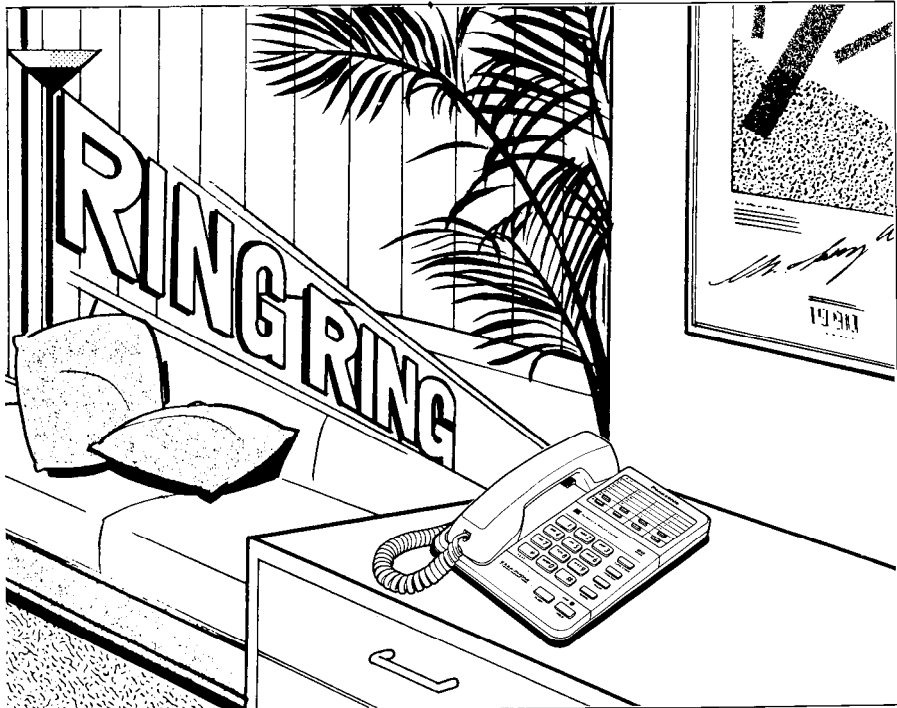
to hold your calling party --- can be released just by lifting the handset of the unit or any extension.

■ **Timed Flash (700 ms) Memory**

for automatic dialing and special telephone company services, such as call waiting.

■ **3-Step Ring-Volume Control**

to set Off/Low/High ring-volume level.



Precautions

Before using this unit, please read these operating instructions carefully. Take special care to follow the warning indicated on the unit itself as well as the safety suggestions listed below.

Installations

Environment

- 1) Water and Moisture: Do not use this unit near water – for example, near a bath tub, washbowl, swimming pool, or the like. Damp basements should also be avoided.
- 2) Heat: The unit should be situated away from heat sources such as radiators and the like. It also should not be placed in temperatures less than 41°F (5°C) or greater than 104°F (40°C).

Placement

- 1) Ventilation: The unit should be situated so that its location or position does not interfere with its proper ventilation. Allow 4" (10 cm) clearance around the unit.
- 2) Foreign Material: Care should be taken so that objects do not fall into and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
- 3) Magnetism: The unit should be situated away from equipment or devices that generate a strong magnetic field.
- 4) Stacking: Do not place heavy objects on top of this unit.
- 5) Surface: Place the unit on a flat level surface.

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 Panasonic phone repaired by one of the specified Panasonic Factory Service Centers. If the known working telephone does not operate properly, consult with your telephone company.

For your future reference

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

Name of Dealer _____

Date of Purchase _____

Dealer's Address _____

Important Information

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 F.C.C. 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 F.C.C. 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.

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

This telephone provides magnetic coupling to hearing aids.

"This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications set forth in Subpart J or Part 15 of the FCC Rules. If this equipment does cause interference to radio or television reception which can be determined by turning the equipment on and off, use the equipment in another location and/or utilize an electrical outlet different from that used by the receiver."

Ringer Equivalence No. (REN):

The REN is useful to determine 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.

If you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton.

Attach a postage-paid letter, detailing the complaint, to the outside of the carton.

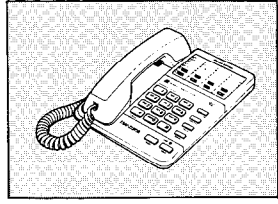
Do NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

If requested by the Telephone Company, inform them as follows:

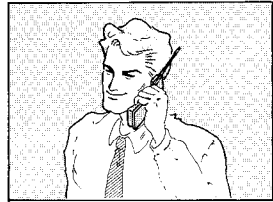
- FCC Registration No.
..... (found on the bottom of the unit)
- Ringer Equivalence 1.0B
- The particular telephone line to which the equipment is connected.

Contents

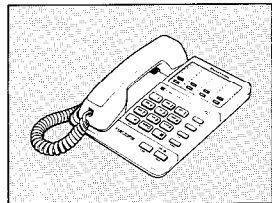
Preparation



Operation



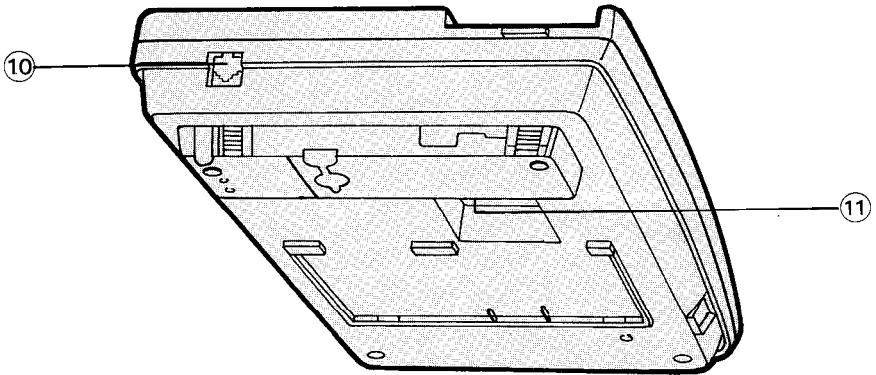
General



| | |
|---------------------------------------|-----|
| Features | I |
| Precautions | III |
| Important Information | IV |
| Contents | 1 |
| Location of controls and jack | 3 |
| Connection | 5 |
| Initial settings | 6 |
| Making Calls (Manual Operation) | 7 |
| Receiving | 7 |
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| Other Operations | 11 |
| Special Phone Company Services | 13 |
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Location of controls and jack

Preparation



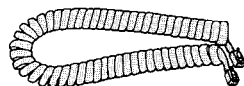
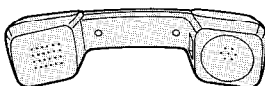
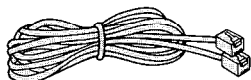
- ① **Direct Call Button** : They are used to store telephone number and to make call by one-touch dialing.
- ② **Memory Card** : The instructions for storing telephone numbers into memory and dialing are printed on this Card. You may also use the reverse for writing telephone numbers.
- ③ **Auto/Store Button** : It is used to store and dial telephone number for speed dialing.
- ④ **Program Button** : It is used to program telephone number.
- ⑤ **Pause Button** : It is used to insert pause into dial.
- ⑥ **Redial Button** : It is used to redial the last dialed telephone number.
- ⑦ **Store/Hold Indicator**
- ⑧ **Hold Button** : It is used to put the calling party on hold during a conversation.
- ⑨ **Flash Button** : It is used to access some of the features of your host PBX and your telephone company.
- ⑩ **Telephone Line Jack**
- ⑪ **Local Call Only Switch** : See page 6.

Accessories:

Telephone line cord ... One

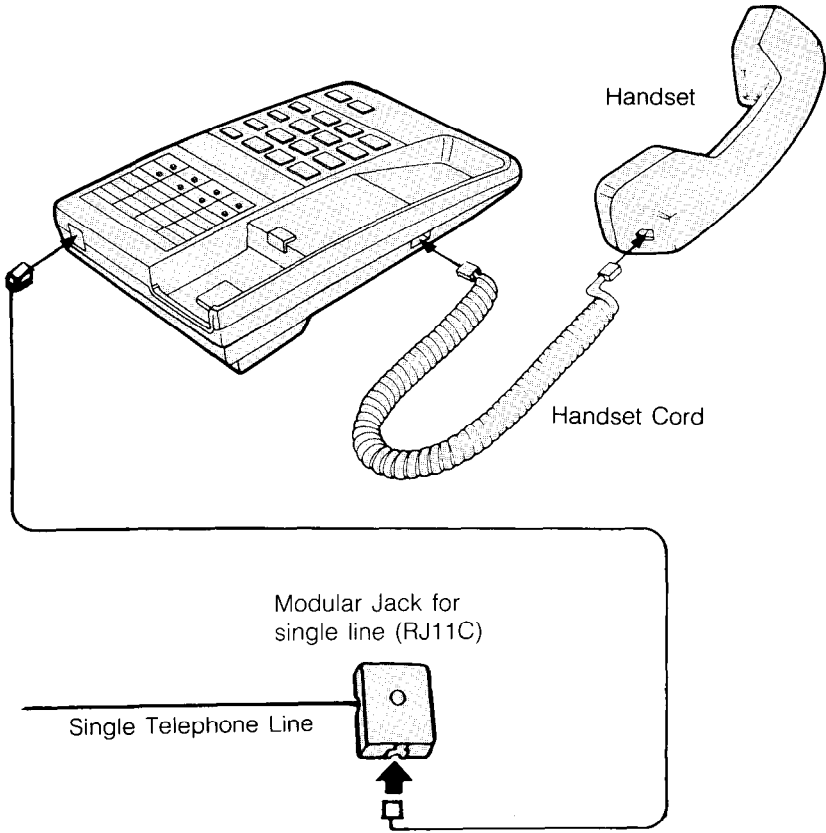
Handset ... One

Handset cord ... One



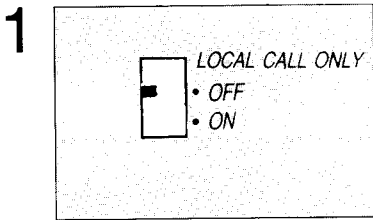
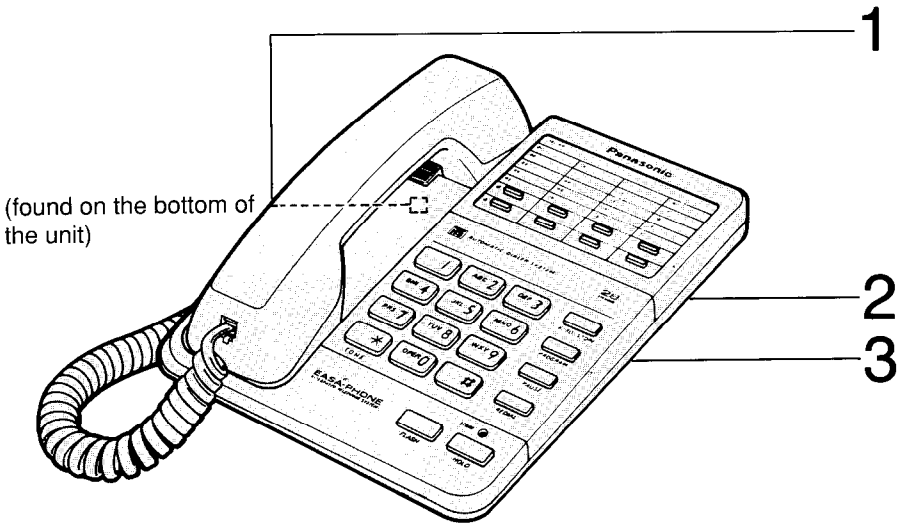
Connection

Preparation



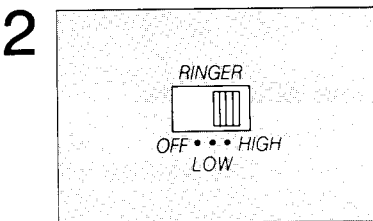
- This unit may not be connected to a coin operated line. If you are on a party line, check with your local telephone company.
- Do not use any handset other than Panasonic handset made for the model KX-T2310/KX-T2315.

Initial Settings



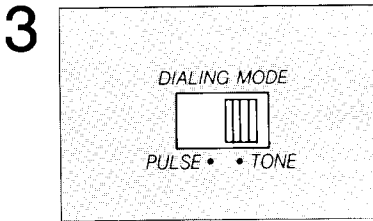
Local Call Only Switch

OFF: Normal dialing can be operated.
ON: The manual or automatic dialing operation of a number with more than 7 digits is not possible.



Ringer Volume Selector

Set to "HIGH".
LOW: The ringing sound will be low.
OFF: The telephone will not ring.



Dialing Mode Selector

Set to "Tone".
If dialing can not be done, set to "PULSE".

Making Calls (Manual Operation)

Making calls with a handset

1 Lift the handset.

2 Dial the telephone number.

3  Speak to the other party.

4 Hang up when you are finished.

Operation

Receiving

1 Lift the handset.

2  Speak to the other party.

3 Hang up when you are finished.

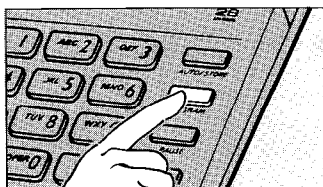
Automatic Dialing

- There are 20 memory stations, each station is capable of storing 16 digits.
 - There are 8 Direct Call buttons, each capable of storing 16 digits.
- Each Dialing button serves as a memory station.

Storing Phone Numbers

1 Lift the handset.

2



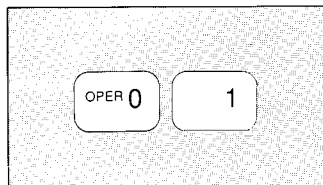
Press PROGRAM button.

- Store indicator flashes.

To store a phone number.

- Home Use

3



Press Station No.

- Phone numbers can be stored into memory stations

| | |
|---|---|
| 0 | 1 |
|---|---|

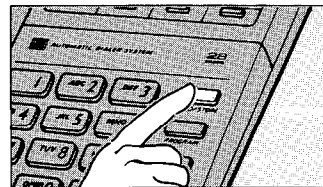
 to

| | |
|---|---|
| 2 | 0 |
|---|---|

.

4 Press the telephone number.

5



Press AUTO/STORE button.

- Phone numbers can be stored into memory stations

| | |
|---|---|
| 0 | 1 |
|---|---|

 to

| | |
|---|---|
| 2 | 0 |
|---|---|

 following the same procedure.

- You may use the Direct Call button instead of pressing the station number.

- Office Use (PBX)
(e.g. ... line access number 9)

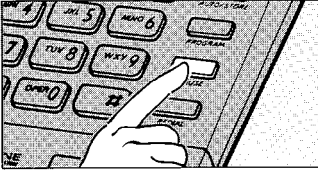
1 Lift the handset.

2 Press PROGRAM button. (Store indicator flashes)

Automatic Dialing (cont.)

3 Press Station No. (**0 1** ~ **2 0**)

4  Press Line access number **9**.

5  Press PAUSE button.

6 Press the telephone number.

7 Press AUTO/STORE button.

- You may use the Direct Call button instead of pressing the station number.

After storing all the numbers,
Press **PROGRAM**.

- The Store Indicator goes out.

Dialing

1 Lift the handset.

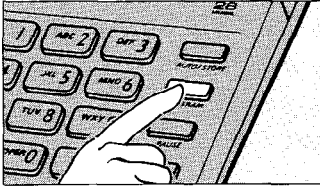
2  Press AUTO/STORE button.

3 Press Station No. or press Direct Call button.

- **0 1** ~ **2 0**

4 Hang up when you are finished.

Correcting an Error while Storing



Press PROGRAM if you notice an error.

- Repeat all the steps of “Storing Phone Numbers”.

Erasing Stored Number

Example: To erase the number in memory station **0** **2** :

- 1** Lift the handset.
- 2** Press PROGRAM button.
 - The Store Indicator flashes.
- 3** Press Station No. **0** **2**.

Or the direct call button where the telephone number that you want to erase is stored.
- 4** Press AUTO/STORE button.
- 5** Press PROGRAM button.

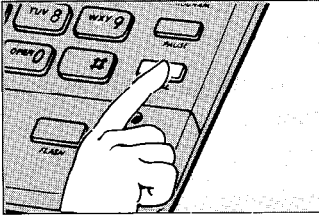
Confirming a Stored Number

Be sure the handset is off the cradle.

- 1** Enter the same number into the same memory station.
- 2** After AUTO/STORE button is pressed;
 - When the Store Indicator blinks once, the new stored number is different from the old one.
 - When the Store Indicator blinks twice, the new stored number is the same as the old one.

Other Operations

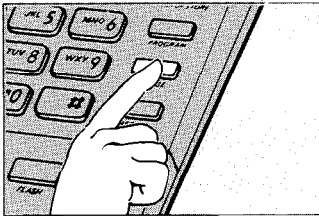
REDIAL button



Press REDIAL button when the line is busy.

- Pressing the REDIAL button enables you to redial once.

PAUSE button



The PAUSE button function is needed behind the PBX for outside line access or a computer accessed dial tone.

When you press the PAUSE button, you can dial the phone number without waiting for the line access.

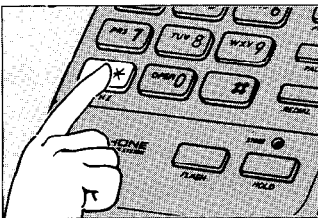
- One pause is required when waiting for an outside dial tone.

Example (PBX):



Some PBXs require this "PAUSE" during an automatic redial.

TONE button



If you want to change from pulse mode into tone mode during dialing, the TONE button can be used instead of changing the Dialing Mode selector.

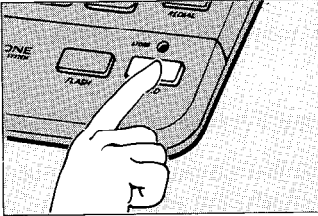
Other Operation (cont.)

HOLD button

To Place a Call on Hold

while having a conversation,

1



Press HOLD button.

- The HOLD Indicator blinks slowly.

2 You may hang up the handset.

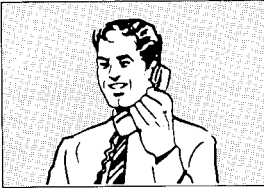
- The caller will not be disconnected.

To Release Hold

- When the handset is being lifted

1 Press HOLD button again.

2



Speak to the calling party.

- When the handset is on the cradle

1 Lift the handset.

2 Speak to the calling party.

Parallel Connection

To release a hold using another telephone connected on the same line:

Lift the handset of the other telephone.

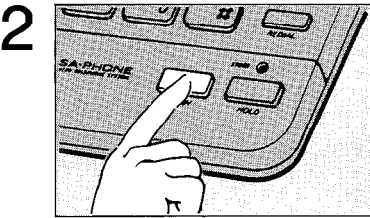
Special Phone Company Services

The Flash button can be used for CALL WAITING.

For more details about obtaining "CALL WAITING" service, contact your telephone company.

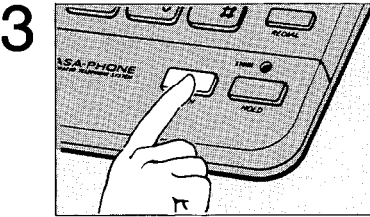
CALL WAITING

1 While having a conversation, another party calls and a tone is heard.



Press FLASH button lightly.

- The first conversation is placed on hold and the second call can be answered.



Press FLASH button lightly again.

- You will be able to speak to the first caller again and the second call is placed hold.
- If the calling party on hold hangs up, the line is terminated.

- You may access some features of your PBX using the Flash button instead of the hookswitch. Press the Flash button lightly in the dialing operation. The "Flash" can be stored into memory in the same way as "Storing Phone Numbers" on page 8.

The memory station can be programmed to automatically access features of your host PBX. Press the Flash button lightly at the position where the hookswitch operation is required in a dialing operation when programming into a memory station.

Combination Dialing

A combination of dialing methods can be accomplished.

- Automatic and Manual Dialing
- Pulse and Tone Dialing
- Plural Memory Stations


Troubleshooting Guide

| Problem | Cause & Remedy |
|--|---|
| The unit does not ring. | Ringer Volume Selector is set to "OFF". Set to "HIGH" or "LOW". |
| <ul style="list-style-type: none">• The caller suddenly can not hear my voice during a conversation.• I suddenly can not hear caller's voice during a conversation. | Look at the Store/Hold Indicator. If it is blinking slowly, press the Hold button to resume the conversation. |

Operation

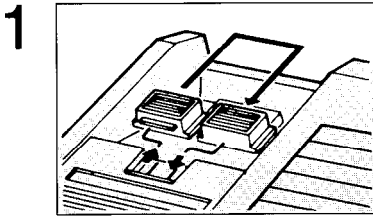
Accessory Order Information

- Replacement parts and accessories are available through your local authorized parts distributor.
- For the authorized distributors in your area, call toll free: 1-800-447-4700.

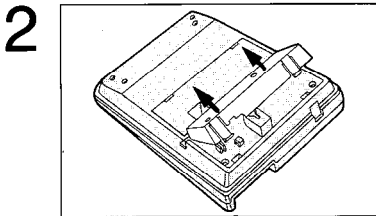
| Part No. | Picture | Description | Comment |
|----------------------------------|---|--------------|-------------------------------|
| KX-J10WT KX-J15WT KX-J25WT |  | Handset cord | 10 feet 15 feet 25 feet |

Wall Mounting

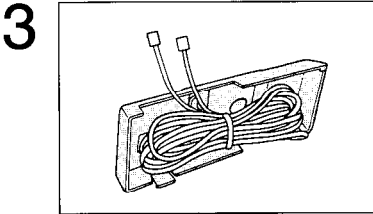
This unit can be mounted on a wall phone plate. If you do not have a modular wall plate installed, we recommend that you consult your telephone company or an installer to have one installed.



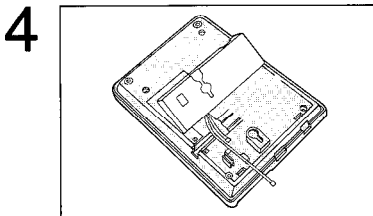
1 Turn around the handset hook.



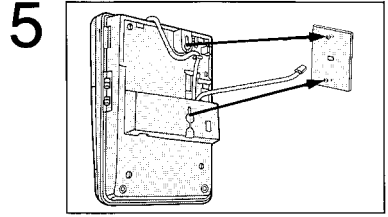
2 Remove the attaching stand.



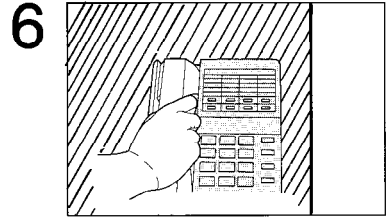
3 Insert the cord as shown.



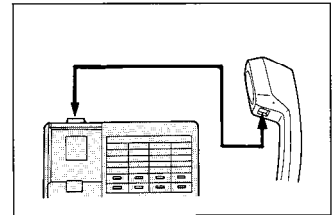
4 Replace the stand.



5 Mount the unit on the wall phone plate.



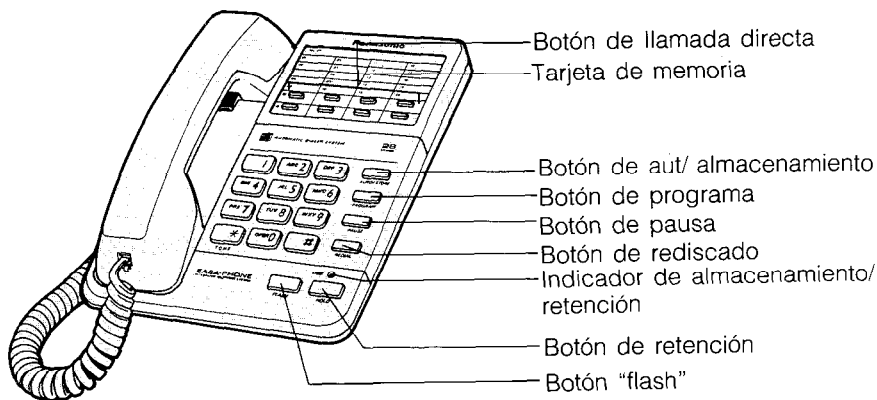
6 Place the handset.



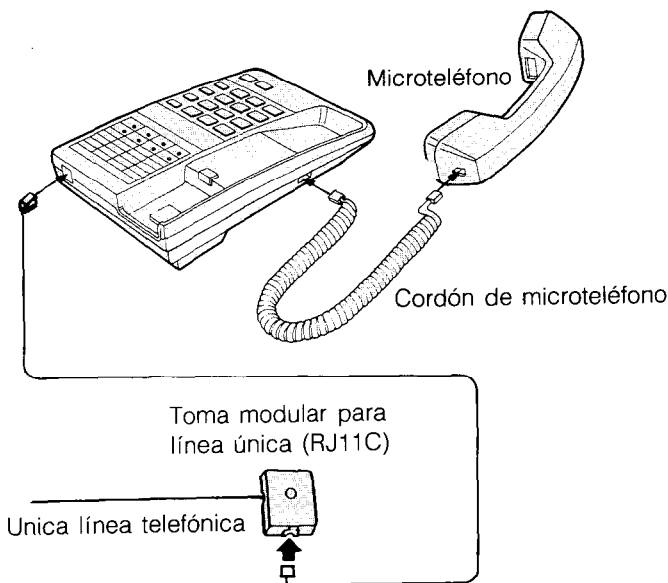
To temporarily place the handset down during a conversation, hook as shown.

Referencia rápida

Localización de los controles



Conexión

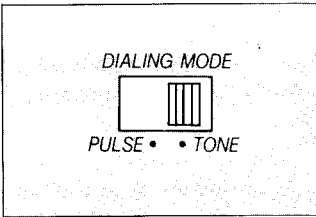


- Esta unidad no puede conectarse a una línea operada con monedas. Si Vd. está en una línea de usuario, compruebe con su compañía telefónica local.
- No utilice ningún microteléfono diferente del microteléfono Panasonic hecho para el modelo KX-T2310/KX-T2315.

Referencia rápida (cont.)

Puestas Iniciales

1

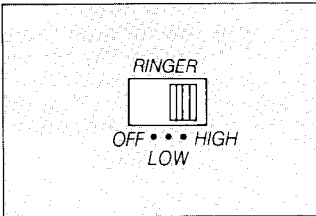


Selector de modo de discado

Fijar a "Tone".

Si no se puede discar, ponga en "PULSE".

2



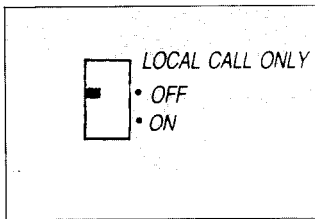
Selector de volumen de timbre

Poner en "HIGH".

LOW: El sonido de repique será bajo.

OFF: El teléfono no repicará.

3



Interruptor de sólo llamada local

OFF: Puede efectuarse discado normal.

ON: No es posible la operación de discado manual o automático de un número con más de 7 dígitos.

General

Discado Automático

■ Hay 20 estaciones de memoria, cada estación es capaz de almacenar 16 dígitos.

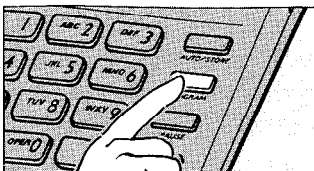
■ Hay 8 botones de Llamada Directa, cada uno capaz de almacenar 16 dígitos. Cada botón de discar sirve como una estación de memoria.

Almacenamiento de Números Telefónicos

1


Levante el microteléfono.

2



Presione el botón PROGRAM (program)

- Hasta que el indicador STORE (almacenamiento) destelle.



PANUG-011 —

Panasonic 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.

San Gabriel Industrial Park, 65th Infantry Avenue, KM 9.5, Carolina, P.R. 00630