

900MHz Cordless Phone

Model No. **KX-TC1460B**

KX-TC1460W/KX-TC1461B

Pulse-or-tone dialing capability

Operating Instructions

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for 15 hours before initial use.

Contents by Section

- 1 Getting Started
- 2 Making/Answering Calls
- 3 Speed Dialer
- 4 Special Features
- 5 Things You Should Know
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KX-TC1461B

Panasonic World Wide Web address: <http://www.panasonic.com>
for customers in the USA or Puerto Rico

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 _____

For product service

- Call 1-800-211-PANA(7262) or 1-800-833-9626 for the location of an authorized servicer.
- 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 _____

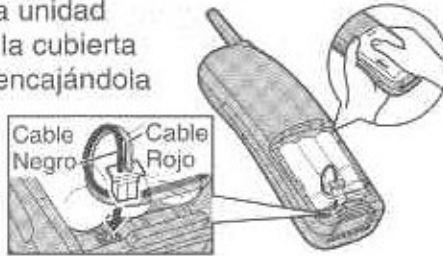
- Send the unit to an authorized servicer, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.

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

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

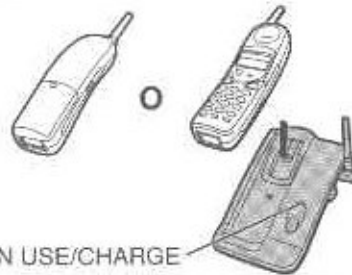
2 Instale la batería en la unidad portátil y luego cierre la cubierta de la unidad portátil, encajándola en posición.

- No despegue la cinta de la batería.



3 Cargue la batería durante 15 horas.

- El indicador IN USE/CHARGE se encenderá.



Indicador IN USE/CHARGE

Selección del modo de marcación por TONO (preajustado) o PULSACIÓN

Utilizando la unidad portátil cerca de la unidad base usted puede programar el modo de marcación. El indicador IN USE deberá estar apagado antes de programar.

Presione **AUTO/PROGRAM** → ***** → **#** (PULSACIÓN) → **AUTO/PROGRAM**
 Presione **AUTO/PROGRAM** → ***** → **0** → **AUTO/PROGRAM**
 Presione **AUTO/PROGRAM** → ***** (TONO)

Contestación de llamadas

Levante la unidad portátil de la unidad base y presione **FLASH** o cualquier tecla excepto **OFF**.

Marcación rápida

Se pueden memorizar hasta 10 números de teléfono en la unidad portátil. Las teclas de marcación (**0** a **9**) funcionan como estaciones de memoria. El indicador IN USE deberá estar apagado antes de programar.

Para almacenar números de teléfono en la memoria

Presione **AUTO/PROGRAM** → Número de estación (**0** a **9**) →
 → Número de teléfono (hasta 16 dígitos) → **AUTO/PROGRAM**.

Para marcar un número almacenado

Presione **FLASH** → **AUTO/PROGRAM** → Número de estación (**0** a **9**).

Localización de la unidad portátil

Presione **HANDSET LOCATOR** en la unidad base.

- La unidad portátil emite pitidos durante 2 minutos.
- Para detener la localización, presione de nuevo **HANDSET LOCATOR** o presione **OFF** en la unidad portátil.

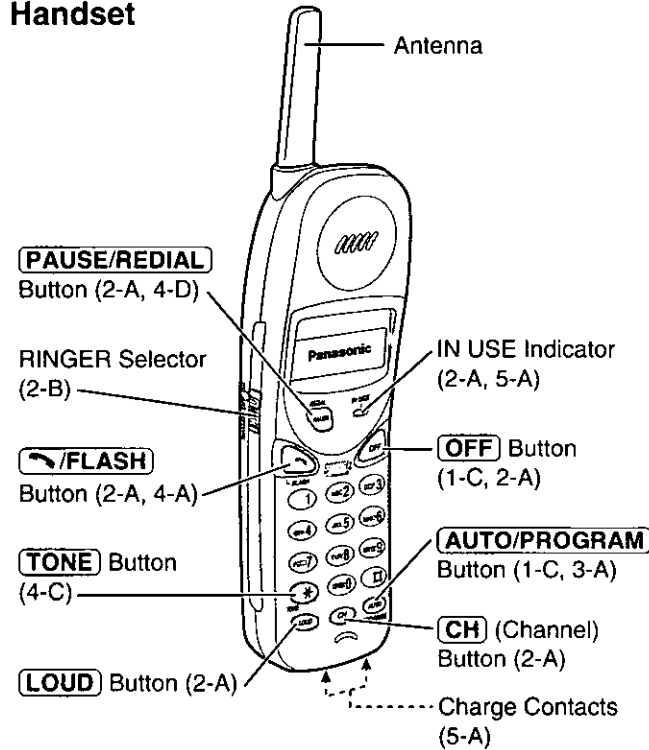
1 Getting Started

1-A Accessories

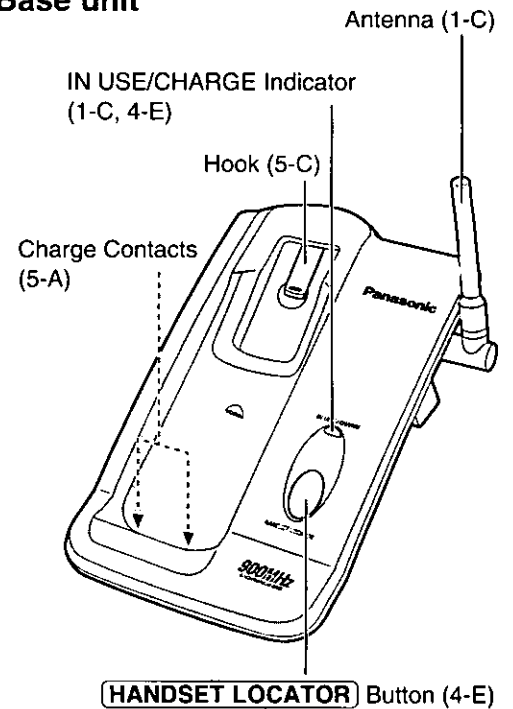
- AC Adaptor one
Order No. PQWATC1461M
- Telephone Line Cord one
- Battery one
Order No. P-P504
- Handset Cover one
Order No. PQYNTC1460W (White)
PQYNTC1461B (Black)

1-B Location of Controls

Handset



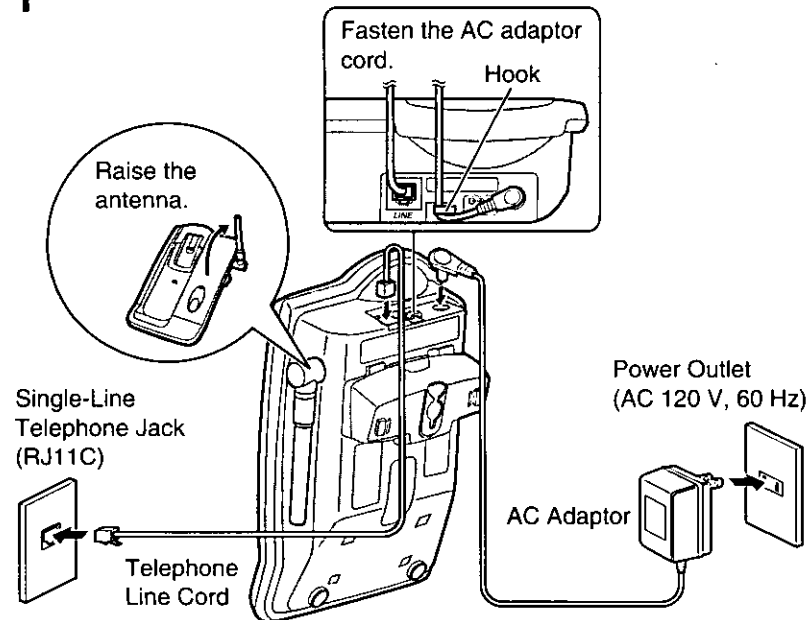
Base unit



•For extra orders, call 1-800-332-5368.

1-C Settings

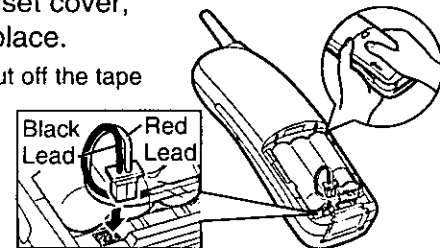
1 Connect as shown.



- USE ONLY WITH Panasonic AC ADAPTOR PQWATC1461M (Order No. PQWATC1461M).
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- To connect a standard telephone on the same line, see section 5-E.

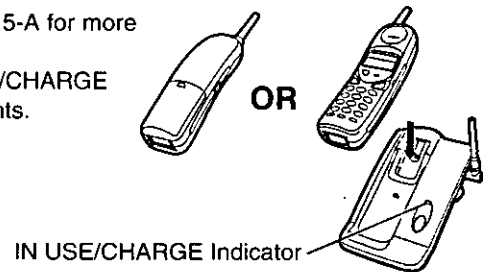
2 Install the battery in the handset and close the handset cover, locking it into place.

- Please do not put off the tape from the battery.



3 Charge the battery for 15 hours.

- See section 5-A for more details.
- The IN USE/CHARGE indicator lights.



To select the dialing mode TONE (preset) or PULSE

You can program the dialing mode using the handset near the base unit. The IN USE indicator light must be off before programming.

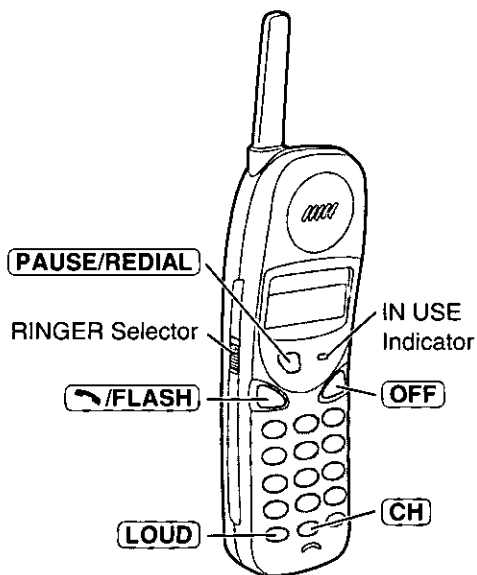
Press **AUTO/PROGRAM** → ***** → **#** (PULSE) OR **AUTO/PROGRAM** → ***** (TONE)

- To cancel during programming, press **OFF**. Start again from the beginning.

2-A Making Calls

- 1 Press **[FLASH]**.
 - The IN USE indicator lights.
 - If an alarm tone sounds, see section 5-F.
- 2 Dial a phone number.
- 3 To hang up, press **[OFF]** or place the handset on the base unit.
 - The indicator light goes out.

•If additional dialing is necessary after using speed dialing functions such as AUTO (3-B) or REDIAL, wait until speed dialing is finished to continue further dialing. Otherwise, the unit may not dial properly.



•For best operating performance, see section 5-B.

To redial the last number dialed

Press **[FLASH]** → **[PAUSE/REDIAL]**.

To select the receiver volume

4 levels (HIGH, MEDIUM, NORMAL, LOW) are available.

Press **[LOUD]** while talking.

- Each time you press **[LOUD]**, the volume level will change.

If noise interferes with the conversation

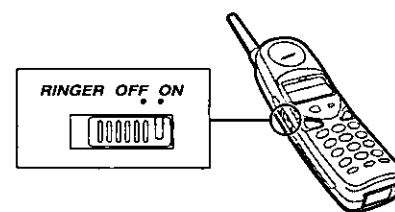
Press **[CH]** to select a clearer channel or move closer to the base unit.

2-B Answering Calls

Lift the handset off the base unit and press **[FLASH]**.

- You can also answer a call by pressing any button except **[OFF]** (—Any Key Talk).

Selecting the ringer volume



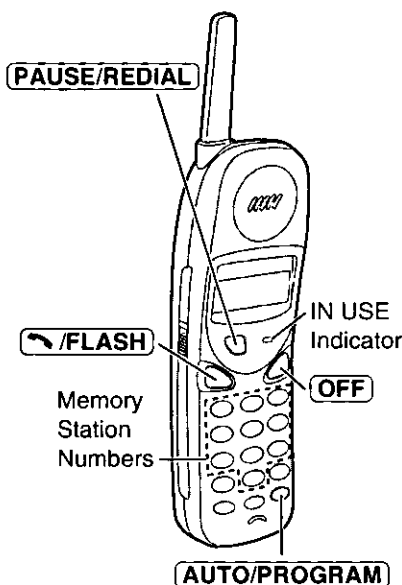
Set the RINGER selector to ON or OFF.

- When set to OFF, the unit will not ring.

3-A Storing Phone Numbers in Memory

You can store up to 10 phone numbers in the handset. The dialing buttons (**[0]** to **[9]**) function as memory stations. The IN USE indicator light must be off before programming.

- 1 Press **[AUTO/PROGRAM]**.
 - The IN USE indicator flashes.
- 2 Press a memory station number (**[0]** to **[9]**).
- 3 Enter a phone number up to 16 digits.
- 4 Press **[AUTO/PROGRAM]**.
 - A beep sounds.
 - To store other numbers, repeat steps 1 through 4.



- If a pause is required for dialing, press **[PAUSE/REDIAL]** where needed. Pressing **[PAUSE/REDIAL]** counts as one digit (4-D).

If you misdial

Press **[OFF]** to end storing. → Start again from step 1.

To erase a stored number

Press **[AUTO/PROGRAM]** → the memory station number (**[0]** to **[9]**) for the phone number to be erased → **[AUTO/PROGRAM]**.

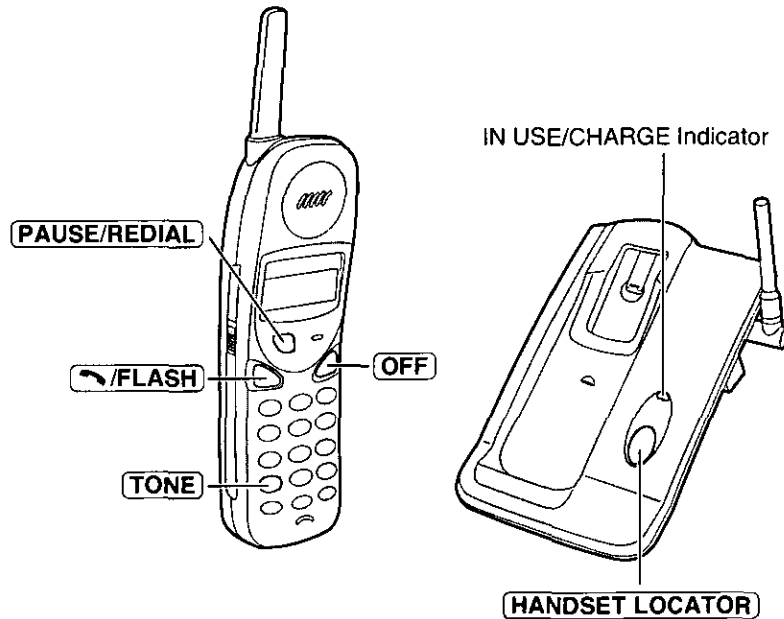
- A beep sounds.

3-B Dialing a Stored Number

Press **[FLASH]** → **[AUTO/PROGRAM]** → the memory station number (**[0]** to **[9]**).

4-A For Call Waiting Service Users

- Press **[FLASH]** if you hear a call-waiting tone while talking.
- The first call is put on hold and you can answer the second call.
 - To return to the first caller, press **[FLASH]** again.
 - If this function does not operate properly, consult your telephone company for details.



4-B Automatic Security Code Setting

Each time you place the handset on the base unit, the unit automatically selects one of 65,000 security codes. These codes help prevent the unauthorized use of your telephone line by another cordless telephone user.

4-C Temporary Tone Dialing (For Rotary or Pulse Service Users)

- Press **[TONE]** before entering access numbers which require tone dialing.
- The dialing mode changes to tone. You can enter numbers to access an answering service, electronic banking service, etc. When you hang up, the mode will return to pulse.

4-D How to Use the PAUSE Button (For Analog PBX Line/Long Distance Service Users)

We recommend you press **[PAUSE/REDIAL]** if a pause is required for dialing with a PBX or to access a long distance service.

Ex: Line access number **[9]** (PBX)
[9] → **[PAUSE/REDIAL]** → Phone number

- Pressing **[PAUSE/REDIAL]** once creates a 3 second pause. This prevents misdialing when you redial or dial a stored number.
- Pressing **[PAUSE/REDIAL]** more than once increases the length of the pause between numbers.

4-E Handset Locator

You can locate the handset or page the handset user with beep tones from the base unit.

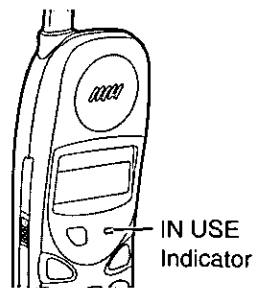
- 1 Press **[HANDSET LOCATOR]** on the base unit.
 - The IN USE/CHARGE indicator flashes and the handset beeps for 2 minutes.
- 2 To stop paging, press **[HANDSET LOCATOR]** again or press **[OFF]** on the handset.

5-A Battery

Recharge

If the unit beeps and then the IN USE indicator flashes slowly when you press **[FLASH]** or while talking, the call will be disconnected within about 3 minutes after the beep sounds.

If the unit produces a continuous beep, it will not be able to operate. Place the handset on the base unit to recharge the battery for 15 hours.



Battery information

After your Panasonic battery is fully charged:

Operation	Operating time
While in use (TALK)	Up to about 5 hours
While not in use (Standby)	Up to about 5 days

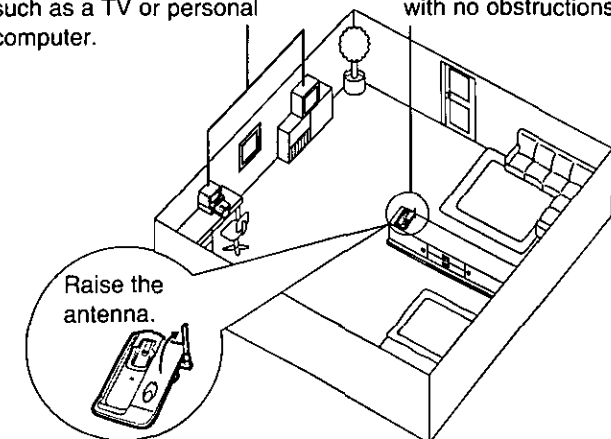
- The battery operating time may vary depending on usage conditions and ambient temperature.
- Clean the handset and the base unit charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity. Otherwise the battery may not charge properly.
- If the battery is fully charged, you do not have to place the handset on the base unit until the IN USE indicator flashes. This will maximize the battery life.
- The battery cannot be overcharged.

5-B Base Unit Location

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 or personal computer.

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



5 Things You Should Know

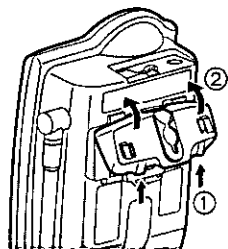


Things You Should Know

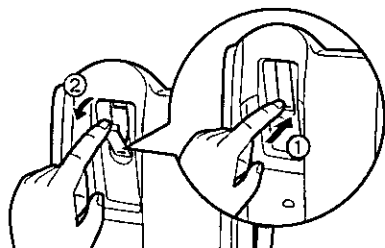
5-C Wall Mounting

This unit can be mounted on a wall phone plate.

- 1 Remove the wall mounting adaptor.

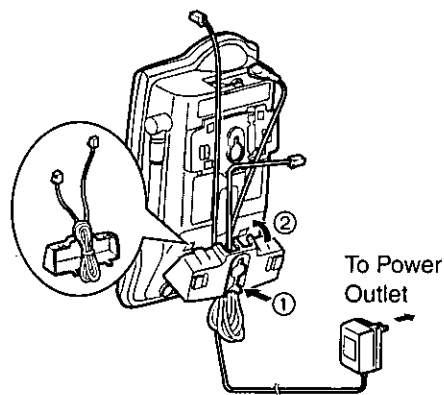


- 2 Push the lower side of the hook (1) and pull down the hook until it locks (2), so the tab holds the handset.

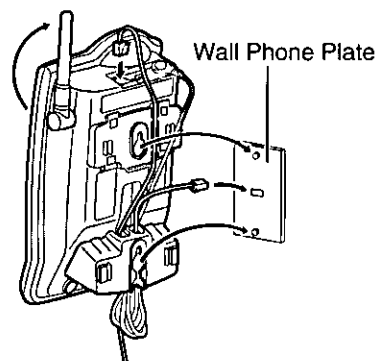


- 3 Connect the AC adaptor. Tuck the telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow.

- The word "UP WALL" should face upward.

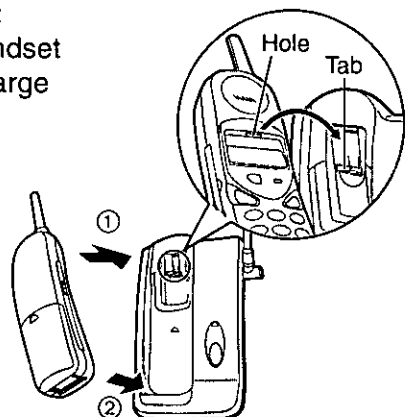


- 4 Connect the telephone line cord. Mount the unit, then slide down.
- Raise the antenna.



- 5 To charge the battery: Insert the tab to the handset hole (1) and fix the charge contacts (2).

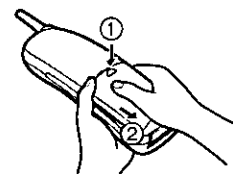
- Make sure to place the handset with the keypad facing down.
- The IN USE/CHARGE indicator lights.



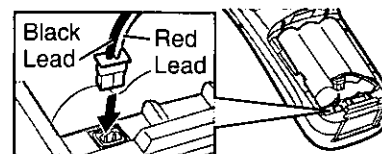
5-D Battery Replacement

If the IN USE indicator flashes after being fully charged, replace the battery with a new Panasonic P-P504 battery. To order, call the accessories telephone number in section 1-A.

- 1 Press the notch on the handset cover firmly (1) and slide it as indicated by the arrow (2).



- 2 Remove the old battery. Then install the new one.
 - Insert the battery plug into the connector as shown in the picture.
 - Be sure wires are free from being pressed by the battery body or handset cover.



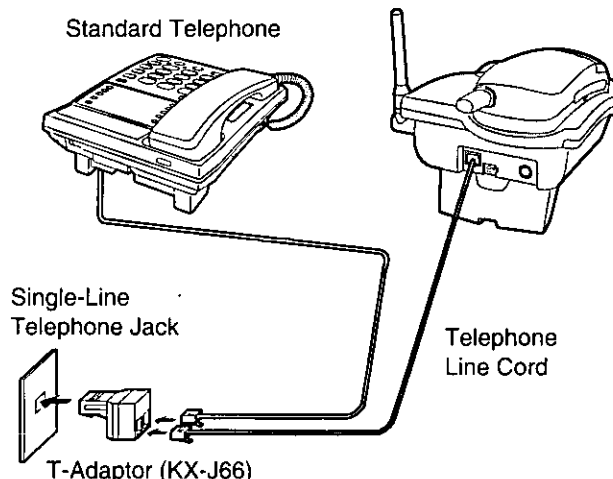
- 3 Close the cover. Make sure you charge the new battery for about 15 hours.

A nickel cadmium battery that is recyclable powers the product you have purchased. At the end of its useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-8-BATTERY for information on how to recycle this battery.



5-E Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use the Panasonic T-adaptor KX-J66. To order, call the accessories telephone number in section 1-A.



5-F Troubleshooting

Problem	Cause and Remedy
The unit does not work.	<ul style="list-style-type: none"> •Check the settings (1-C). •Charge the battery fully (5-A). •Clean the charge contacts and charge again (5-A). •Install the battery properly (1-C, 5-D). •Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, and try again.
An alarm tone sounds.	<ul style="list-style-type: none"> •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. •Raise the base unit antenna.
Static, sound cuts in/out, fades. Interference from other electrical units.	<ul style="list-style-type: none"> •Locate the handset and the base unit away from other electrical appliances (5-B). •Move closer to the base unit. •Raise the base unit antenna. •Press [CH] to select a clearer channel.
The handset does not ring.	<ul style="list-style-type: none"> •The ringer volume is set to OFF. Set to ON (2-B). •If a power failure occurs, the handset loses communication with the base. When power returns, place the handset on the base unit once then try again.
While storing a phone number, the unit starts to ring.	<ul style="list-style-type: none"> •To answer the call, press [FLASH]. The program will be canceled. Store the number again.
You cannot store a phone number in memory.	<ul style="list-style-type: none"> •You cannot store a number while the unit is in the talk mode. •Do not pause for over 20 seconds while storing.

5-G Helpful Information

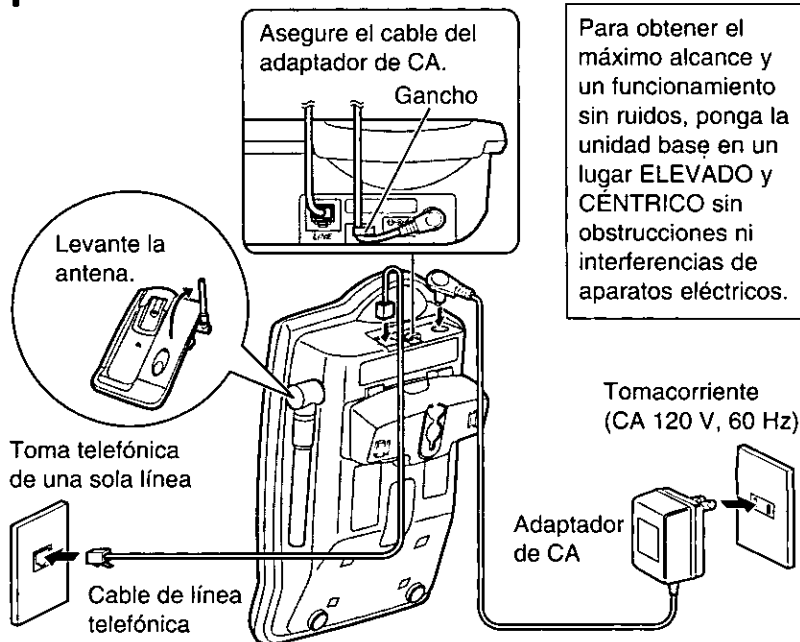
- Environment**—do not place the unit in a room where the temperature is less than 5°C (41°F) or greater than 40°C (104°F). Allow 10 cm (4") clearance around the unit for proper ventilation. Avoid excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
- Routine care**—wipe the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder. When you leave the unit unused for a long period of 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 your telephone company.

Problem	Cause and Remedy
Previously programmed information is erased.	• If a power failure occurs, programmed information may be erased. Reprogram if necessary.
You cannot redial by pressing [PAUSE/REDIAL] .	• If the last number dialed was more than 16 digits long, the number will not be redialed correctly.
[HANDSET LOCATOR] does not function.	• The handset is too far from the base unit or is engaged in an outside call.
The IN USE indicator flashes slowly or the handset beeps while it is in use.	• Charge the battery fully (5-A).
While talking, the call is disconnected.	• The battery needs to be recharged. Charge the battery fully (5-A).
The handset produces a continuous beep, then it cannot be operated.	• The battery needs to be recharged. Charge the battery fully (5-A).
You charged the battery fully, but the IN USE indicator flashes slowly.	• Clean the charge contacts and charge again (5-A). • Install a new battery (5-D).
The IN USE/CHARGE indicator light does not go out while charging.	• This is normal.
If you cannot solve your problem	• Call our customer call center at 1-800-211-PANA(7262). • Panasonic's e-mail address for customer inquiries: consumerproducts@panasonic.com for customers in the USA or Puerto Rico ONLY

- 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。

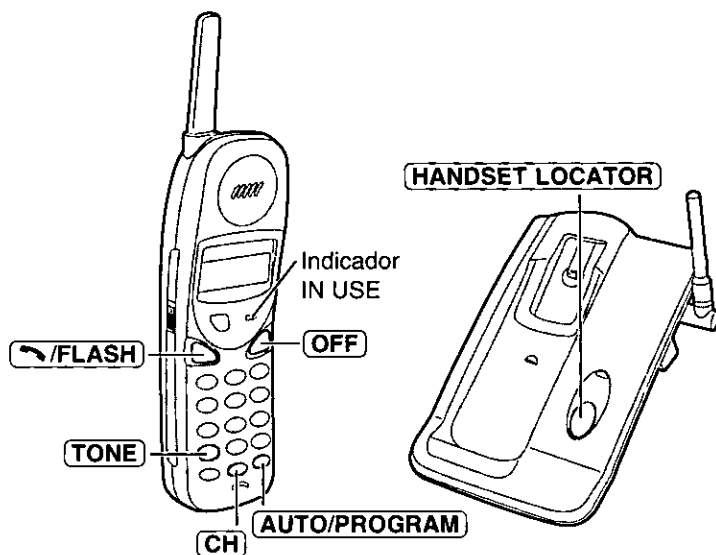
6-A Preparación

1 Conecte como se muestra.



- El adaptador de CA debe permanecer conectado en todo momento.

6-B Funcionamiento



- Cuando el indicador **IN USE** parpadee lentamente o la unidad emita pitidos mientras se esté utilizando, cargue la batería.

Para hacer llamadas

Presione **[FLASH]**. → Marque un número de teléfono.

- Para colgar, presione **[OFF]** o ponga la unidad portátil en la unidad base.
- Si interfiere ruido con su conversación, presione **[CH]** para seleccionar un canal más claro o acérquese más a la unidad base.