

Panasonic

Cordless Phone

KX-TC180-B

Model No. **KX-TC180-W**

Pulse-or-tone dialing capability

Operating Instructions



SOUND CHARGER PLUS

25 CHANNEL

KX-TC180-B

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 10 hours before initial use.

Getting Started

Basic Operation

Advanced Operation

Useful Information

Before Initial Use

Please read IMPORTANT SAFETY INSTRUCTIONS on pages 24-25 before use. Read and understand all instructions.

Thank you for purchasing the Panasonic cordless telephone.

Attach your purchase receipt here.

For your future reference

Serial No

(found on the bottom of the unit)

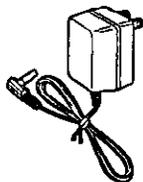
Date of purchase

Name of dealer

Dealer's address

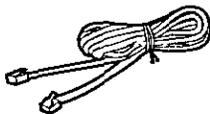
Accessories

AC Adaptor (p 7)



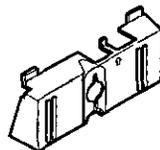
one

Telephone Line Cord (p 7)



one

Wall Mounting Adaptor (p 9)



one

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

For Best Performance

Battery Charge

To power the handset, charge the battery for about 10 hours before initial use (p 8)

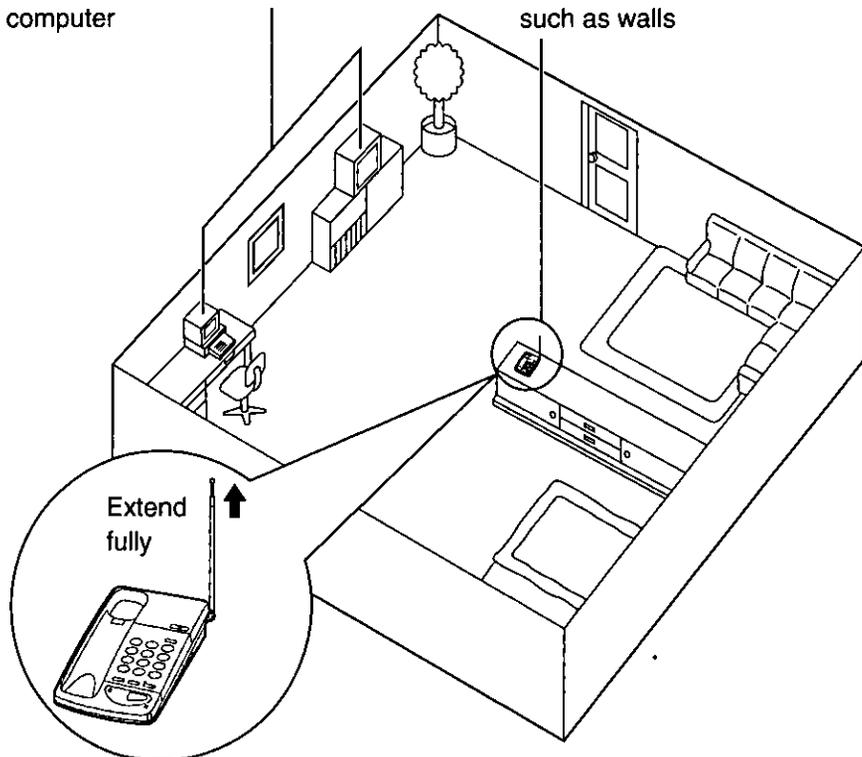


Operating Distance/Noise

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

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

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



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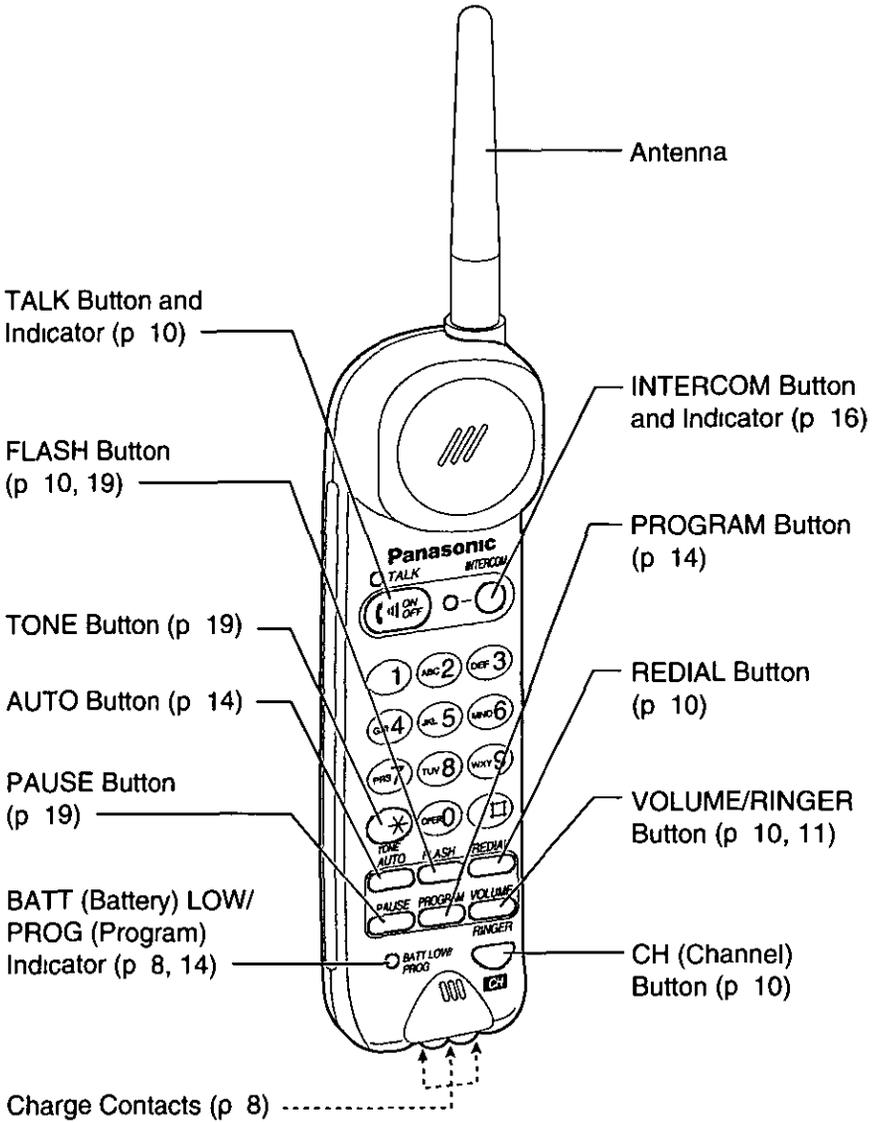
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Location of Controls

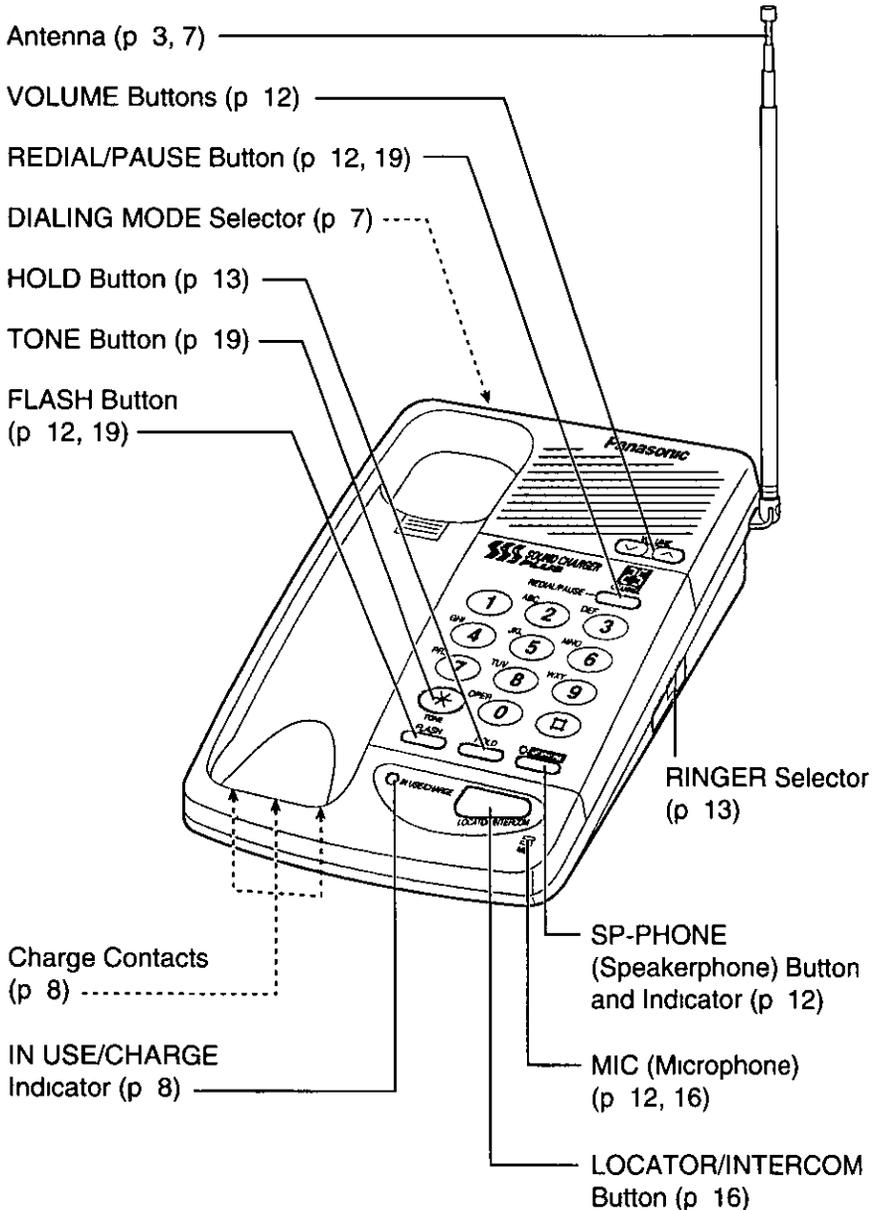


Handset



➔ Location of Controls

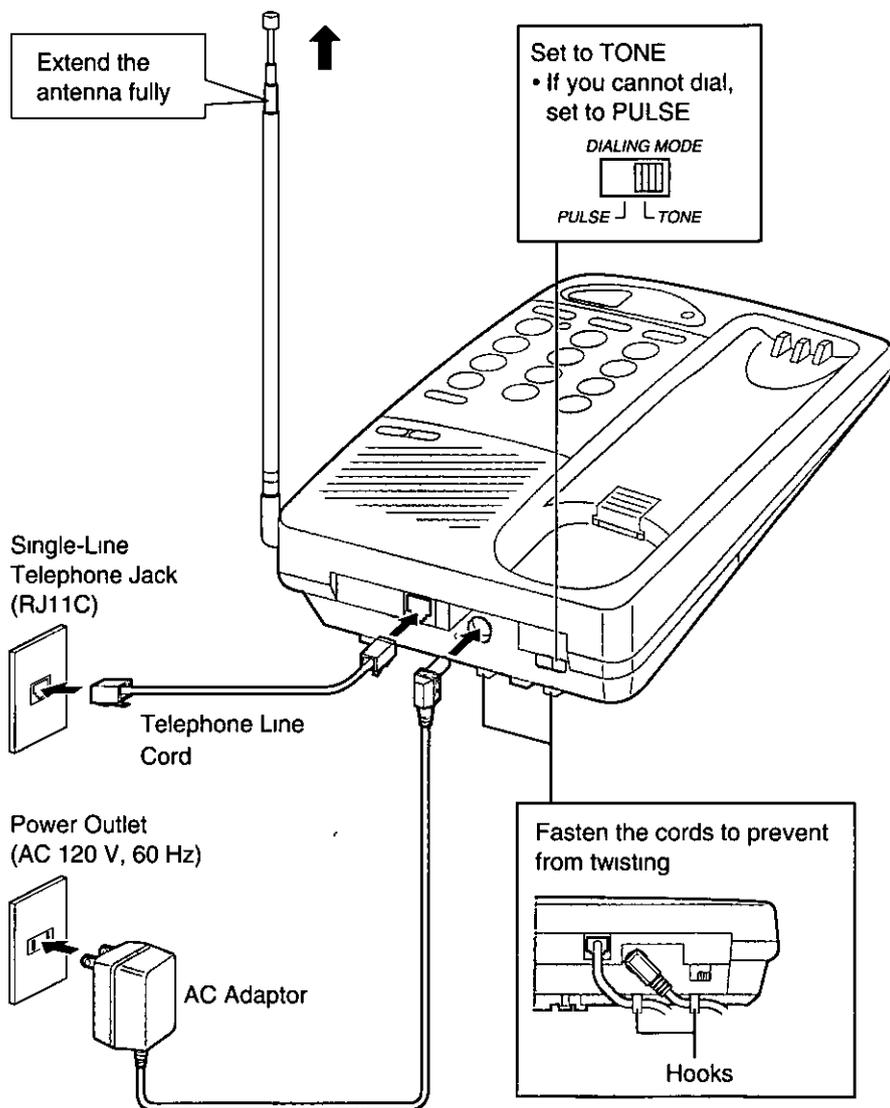
Base unit



Setting Up



Connection



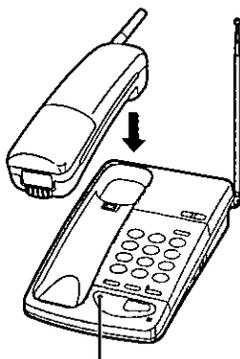
- USE ONLY Panasonic AC ADAPTOR KX-A09
- The AC adaptor must remain connected at all times (It may feel warm during use This is normal)
- If you connect a reserve telephone on the same line, see page 21

➡ Setting Up

Battery Charge

Place the handset on the base unit for about 10 hours

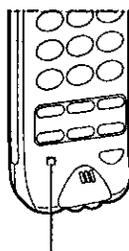
- The IN USE/CHARGE indicator lights



IN USE/CHARGE Indicator

Recharge

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



BATT LOW/PROG Indicator

Standard battery life

If your Panasonic battery is fully charged,

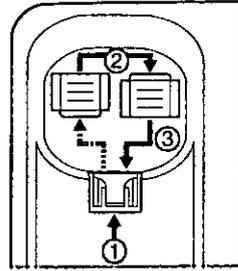
While in use (TALK)	Up to about 8 hours
While not in use (Stand-By)	Up to about 30 days

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

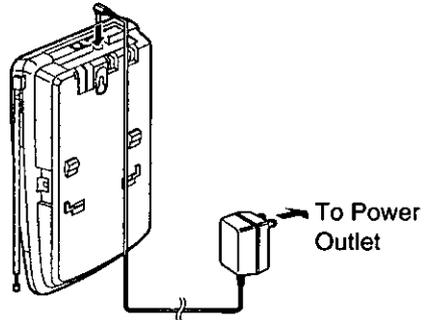
Wall Mounting

This unit can be mounted on a wall phone plate

- 1 Set the handset guide
 - ① Push to remove
 - ② Rotate 180°
 - ③ Replace it with the tab facing upwards

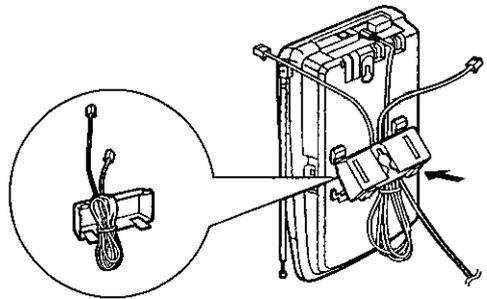


- 2 Connect the AC adaptor



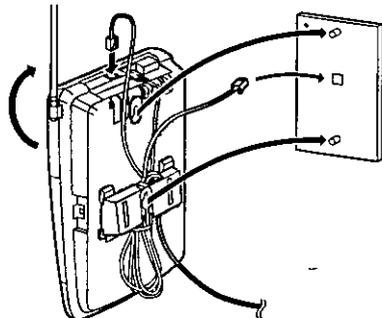
- 3 Tuck the telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow

- The word "UP" should face upward



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

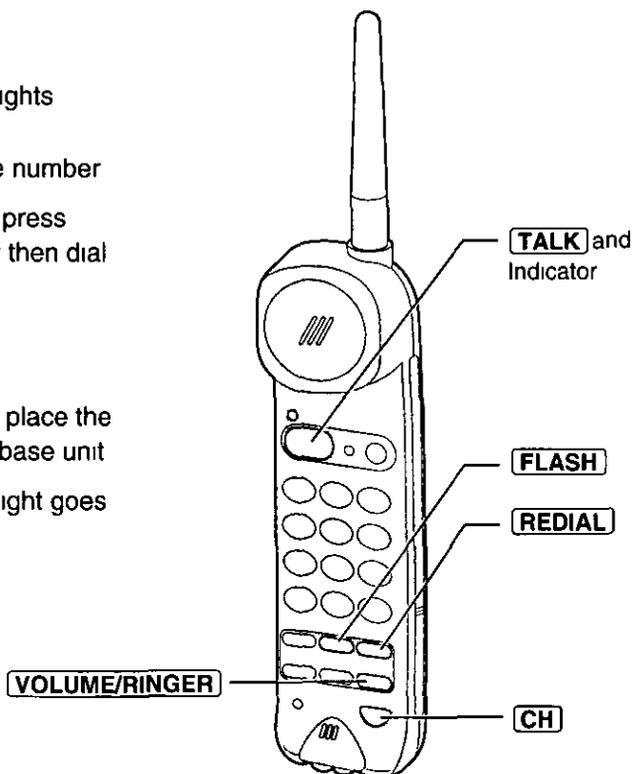
- Extend the antenna fully



Making/Answering Calls

Making Calls with the Handset

- 1 Press **TALK**
 - The indicator lights
- 2 Dial a telephone number
 - If you misdial, press **FLASH** firmly then dial again
- 3 To hang up, press **TALK** or place the handset on the base unit
 - The indicator light goes out



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

To redial the last number

Press **TALK** ➔ **REDIAL**

To select the receiver volume HIGH or NORMAL (preset)

Press **VOLUME/RINGER** while speaking

- Each time you press, the volume level will change

If noise interferes with the conversation

Press **CH** to select a clear channel or move closer to the base unit



Answering Calls with the Handset

If the handset is off the base unit, press **TALK**



OR

If on the base unit, just lift it



Basic Operation

Any Key Talk

You can also answer a call by pressing any dialing button (0 to 9, *, or #) on the handset

To select the ringer volume HIGH (preset) or LOW

Be sure the TALK indicator light is off ➔ Press **VOLUME/RINGER**

- Each time you press, the bell sounds and the ringer volume will change

To turn the ringer OFF

Be sure the TALK indicator light is off ➔ While pressing **VOLUME/RINGER**, press **0** until 2 beeps sound

To change the ringer to ON from OFF

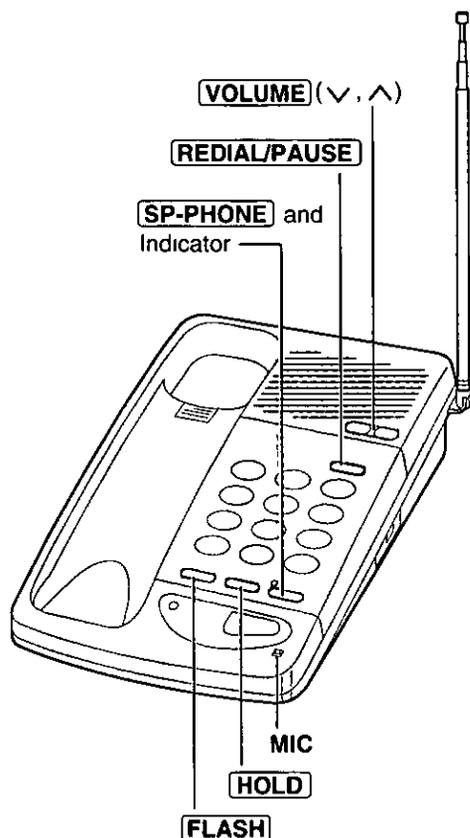
Be sure the TALK indicator light is off ➔ Press **VOLUME/RINGER**

- The ringer sounds at the HIGH level

➡ Making/Answering Calls

Making Calls with the Base Unit

- 1 Press **SP-PHONE**
 - The indicator lights
- 2 Dial a telephone number
 - If you misdial, press **FLASH** firmly then dial again
- 3 When the other party answers, speak into the **MIC** (microphone)
- 4 To hang up, press **SP-PHONE**
 - The indicator light goes out



- For best speakerphone performance, use in a quiet room and speak alternately with the caller
- While using the speakerphone, if the handset is on the base unit, you may switch to it by lifting up

To redial the last number

Press **SP-PHONE** ➡ **REDIAL/PAUSE**

To adjust the speaker volume (12 levels)

To increase, press \wedge To decrease, press \vee

To put a call on hold

Press **HOLD**

- If you put a call on hold for 6 minutes, a warning tone will sound
The call will be disconnected after a total of 10 minutes

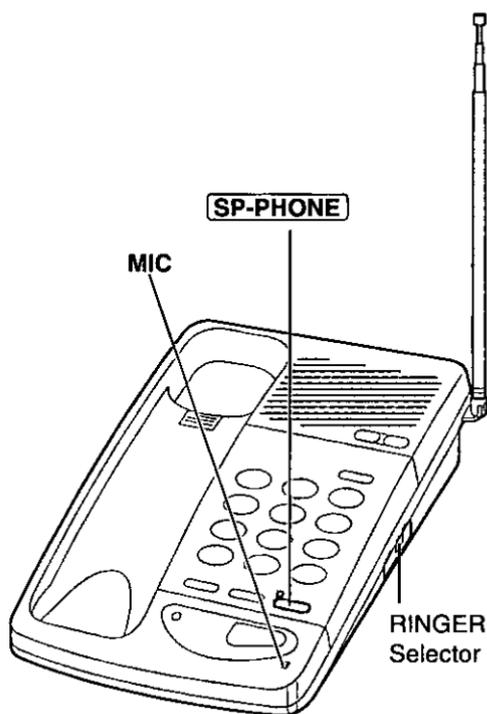
To release the hold

Press **SP-PHONE** or lift the handset off the base unit

- If another phone is connected on the same line, you can also release the hold by lifting its handset

Answering Calls with the Base Unit

- 1 Press **SP-PHONE**
- 2 Speak into the **MIC**
- 3 To hang up, press **SP-PHONE**



To select the ringer volume

Set the **RINGER** selector to **HIGH**, **LOW**, or **OFF**

- When set to **OFF**, the base unit will not ring

Automatic Dialing

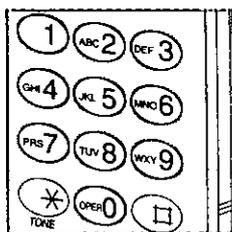
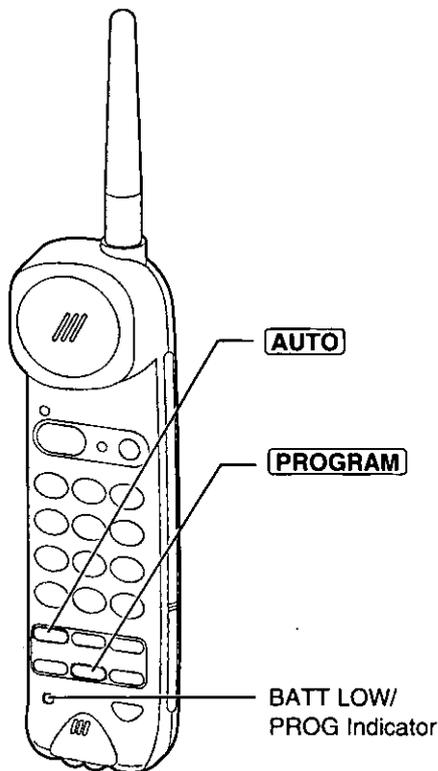
Storing Phone Numbers in Memory

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

- 1 Press **PROGRAM**.
 - The BATT LOW/PROG indicator lights.
- 2 Enter a phone number up to 16 digits.
 - If you misdial, press **PROGRAM** to end storing, then restart from step 1.

- 3 Press **AUTO**.

- 4 Press a memory station number (0 to 9).
 - A confirmation tone sounds. (See below.)
 - To store other numbers, repeat steps 1 through 4.



What the confirmation tone means

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

To erase a stored number

Press **PROGRAM** ➔ **AUTO** ➔ the memory station number (for the phone number to be erased).

Memory sticker

You may use the included memory sticker as a memorandum for automatic dialing.

Write down the names or phone numbers, then attach it to the unit or at a convenient place.

10-STATION AUTOMATIC DIALER	
1	6
2	7
3	8
4	9
5	0
TEL NO.	

Dialing a Stored Number

- 1 Press **TALK**.
- 2 Press **AUTO**.
- 3 Press the memory station number (0 to 9).
 - The stored number is dialed.

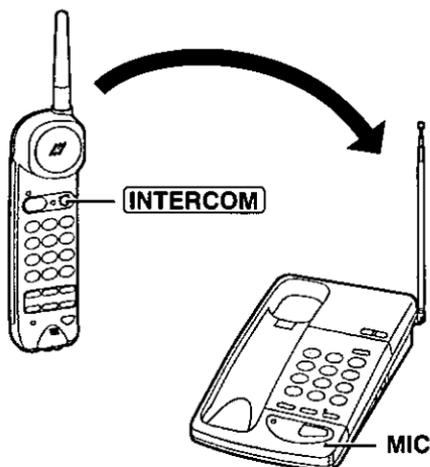


Intercom

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

Paging the base unit from the handset

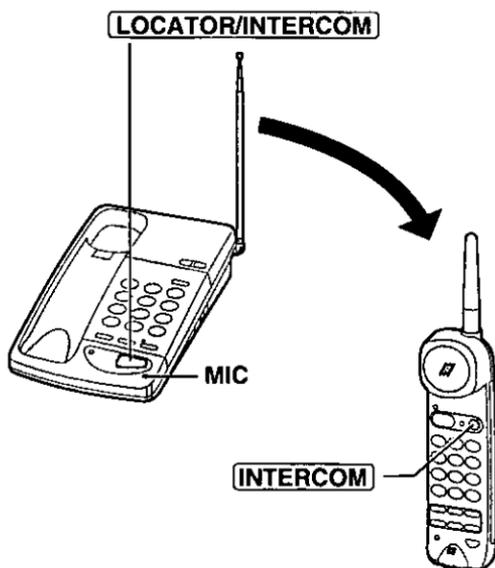
- 1 Handset:**
Press **INTERCOM**,
then speak.
- 2 Base unit:**
When the other party's voice
is heard, answer through the
MIC.
- 3 Handset:**
To end the intercom, press
INTERCOM.



Paging the handset from the base unit (Handset locator)

Using this feature, you can locate the handset if misplaced.

- 1 Base unit:**
Press
LOCATOR/INTERCOM.
 - The handset beeps for
1 minute.
 - To stop paging, press
LOCATOR/INTERCOM
again.
- 2 Handset:**
Press **INTERCOM** to
answer.
- 3 Base unit:**
Speak into the **MIC**.
- 4 Handset:**
To end the intercom,
press **INTERCOM**.



During the intercom:

- If the handset user has difficulty hearing the base unit user, decrease the speaker volume by pressing \checkmark
- If two tones sound, it means an incoming call has been received. To answer, press **TALK** or **SP-PHONE**. The intercom is ended.

Transferring a Call Using Intercom

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

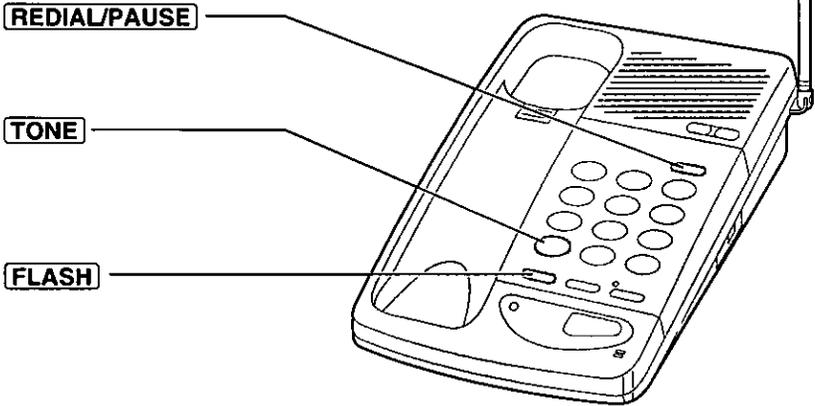
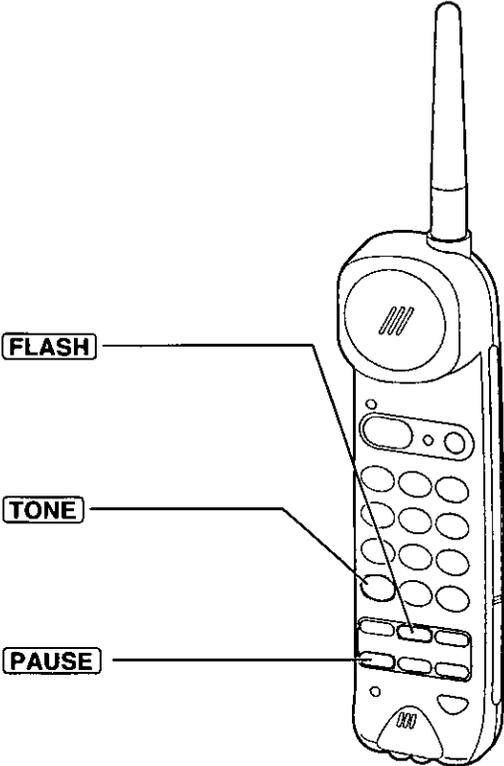
From the handset to the base unit

- 1 Handset**
During a call, press **INTERCOM**.
 - The call is put on hold.
- 2 Base unit**
When the paging party's voice is heard, answer through the **MIC**.
- 3 Base unit**
To answer the call, press **SP-PHONE**.
 - The transfer is completed.
 - The handset user can join the conversation by pressing **TALK**.

From the base unit to the handset

- 1 Base unit**
During a call, press **HOLD**.
 - The SP-PHONE indicator flashes.
- 2 Base unit**
Press **LOCATOR/INTERCOM**.
- 3 Handset**
Press **INTERCOM** to answer the page.
- 4 Handset**
To answer the call, press **TALK**.
 - The transfer is completed.
 - The base unit user can join the conversation by pressing **SP-PHONE**.

Special Features



Automatic Security Code Setting

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

For Call Waiting Service Users

Press **FLASH** lightly if you hear a call-waiting tone while speaking.

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

Temporary Tone Dialing (For Rotary Service Users)

Press **TONE** before dialing.

- The dialing mode changes to tone. You can enter numbers to access answering systems, electronic banking services, etc. When you hang up, the mode returns to pulse.

If Your Unit is Connected to a PBX

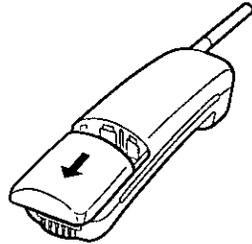
We recommend you press **PAUSE** or **REDIAL/PAUSE** between the access number for an outside line and the phone number.

- Pressing **PAUSE** or **REDIAL/PAUSE** once creates a 3.5 second pause. This prevents misdialing when you redial or dial a stored number.

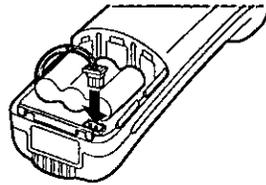
Battery Replacement

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

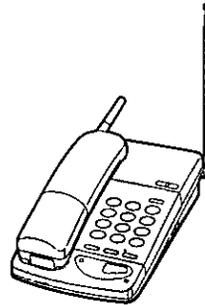
- 1 Remove the cover



- 2 Replace the battery, then close the cover



- 3 Charge the new battery for 10 hours



Attention:

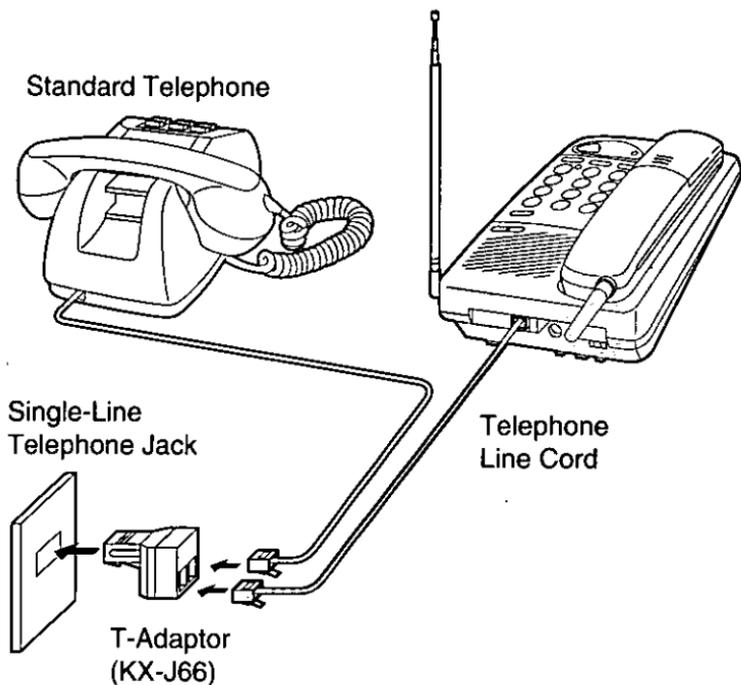
The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your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



Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a Panasonic T-adaptor KX-J66.

(To order, call 1-800-332-5368.)



Before Requesting Help

Problem	Remedy
An alarm tone sounds when you press TALK or INTERCOM	<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• Clean the charge contacts and charge again
The unit does not work	<ul style="list-style-type: none">• Check the setting up (p 7, 8)• Charge the battery fully• Clean the charge contacts and charge again
Static, sound cuts in/out, fades Interference from other electrical units	<ul style="list-style-type: none">• Set the handset and the base unit away from other electrical appliances• Move closer to the base unit• Extend the base unit antenna• Press CH to change the channel
The handset does not ring	<ul style="list-style-type: none">• The ringer volume is OFF Press VOLUME/RINGER when the TALK indicator light is off
The base unit does not ring	<ul style="list-style-type: none">• The RINGER selector is set to OFF Set to HIGH or LOW
While using the speakerphone, the calling party complains that your voice is hard to hear	<ul style="list-style-type: none">• Press \vee to decrease your voice volume
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 or intercom mode• Do not pause for over 30 seconds while storing
While storing a phone number, the unit starts to ring	<ul style="list-style-type: none">• To answer the call, press TALK or SP-PHONE The program will be canceled, Store the number again

Problem	Remedy
LOCATOR/INTERCOM does not function.	<ul style="list-style-type: none"> The handset is too far from the base unit or is engaged in an outside call.
While using the intercom, two tones sound.	<ul style="list-style-type: none"> A call is being received. To answer, press TALK or SP-PHONE.
REDIAL/PAUSE does not function properly.	<ul style="list-style-type: none"> The button has a double function as either redial or pause. It will redial the last dialed number if pressed at the outset of a call (p. 12). If another number has been dialed first, it will operate as a pause button (p. 19).
The BATT LOW/PROG indicator flashes or beeps intermittently.	<ul style="list-style-type: none"> Charge the battery fully.
You charged the battery fully, but the BATT LOW/PROG indicator flashes.	<ul style="list-style-type: none"> Clean the charge contacts and charge again. Install a new battery (p. 20).
The IN USE/CHARGE indicator light never goes out while charging.	<ul style="list-style-type: none"> This is normal.
The unit stops working during operation.	<ul style="list-style-type: none"> Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, then try again.
If you cannot solve your problem.	<ul style="list-style-type: none"> Call our customer satisfaction center at 201-348-9090.

Important Safety Instructions

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from wall outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example, near a bath tub, wash bowl, kitchen sink, or the like.
5. Install this unit securely on a stable surface. Serious damage may result if the unit falls.
6. Do not cover slots and openings of the unit, for they are provided for ventilation and protection against overheating. Never place the unit near radiators, in/or a place where proper ventilation is not provided.
7. Use only the power source as marked on the unit. If you are not sure of the type of the power supply to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step on the cord.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push any objects into this unit through slots as they may result in risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the unit.
 - C. If the unit has been exposed to rain or water.
 - D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions, for improper adjustment may require extensive work by a qualified technician.
 - E. If the unit has been dropped or damaged.
 - F. If the unit exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of electric shock from lightning.
14. Do not use this unit to report a gas leak in the vicinity of it.

SAVE THESE INSTRUCTIONS

CAUTION:

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

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

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 Equivalence0.2B

The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line.

If you are on a party line, check with your local telephone company.

Ringer Equivalence No. (REN):

The REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped.

However, where prior notice is impractical, the company may temporarily cease service providing that they:

- (a) Promptly notify the customer.
- (b) Give the customer an opportunity to correct the problem with their equipment.
- (c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68.

If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours, such as early morning hours or late evenings.

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.

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

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

- **Environment** — do not place the unit in 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 benzene, thinner, or any abrasive powder. When you left the unit unused for long time, unplug the AC adaptor from the outlet.
- **If there is any trouble** — disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, have your unit repaired by one of the authorized Panasonic Factory Service Centers. If the known working phone does not operate properly, consult with your telephone company.

For product service

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

When you ship the product

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

Symptom

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

- 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。

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