

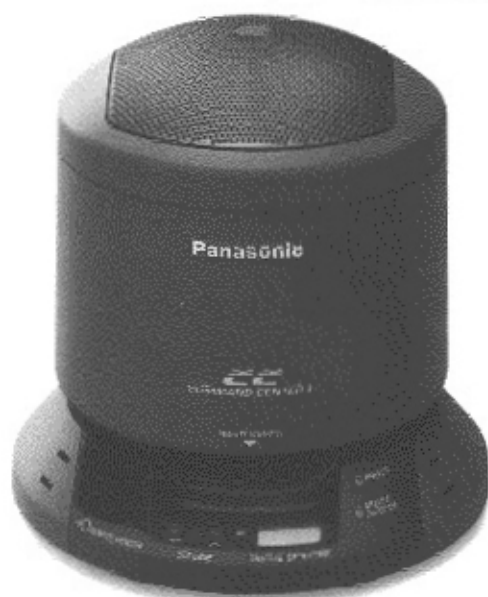
Panasonic

Telephone Conference System

Model No. **KX-TS700-B**

Pulse-or-tone dialing capability

Operating Instructions



Preparation

Basic Operation

Advanced Operation

Useful Information

PLEASE READ BEFORE USE AND SAVE.

Before Initial Use

Please read IMPORTANT SAFETY INSTRUCTIONS on pages 20-21 before use. Read and understand all instructions.

Thank you for purchasing the Panasonic telephone conference system.

 Attach your purchase receipt here.

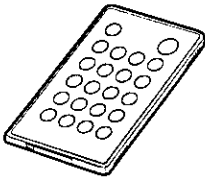
For your future reference

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

Name and address of dealer _____

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

Remote Control (p. 6)



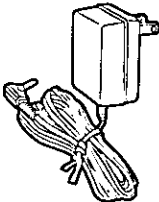
one

Lithium Battery (CR2025) (p. 7)



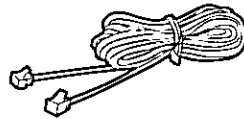
one

AC Adaptor (p. 8)



one

Telephone Line Cord (p. 8)



one

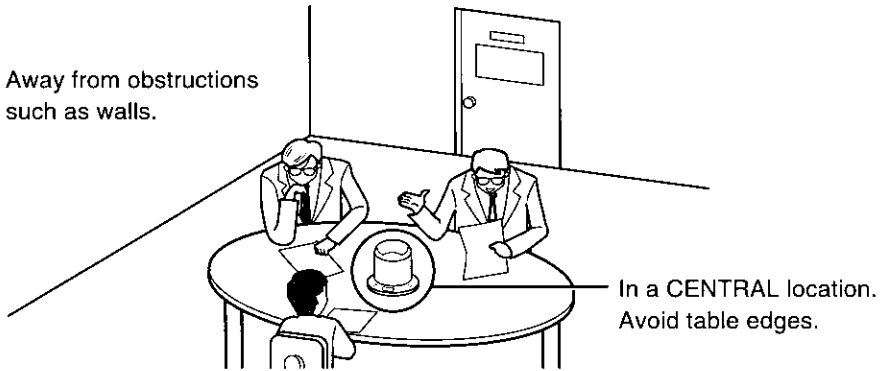
About Your KX-TS700-B

Full duplex digital speakerphone lets both parties speak simultaneously without cutoffs or interruptions. You can also use the remote control to operate the unit.

Location

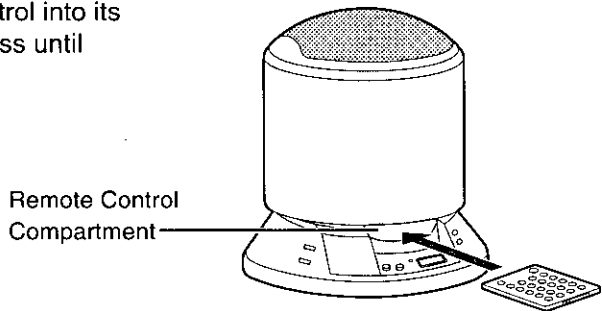
For best performance, the recommended unit location is:

Away from obstructions such as walls.



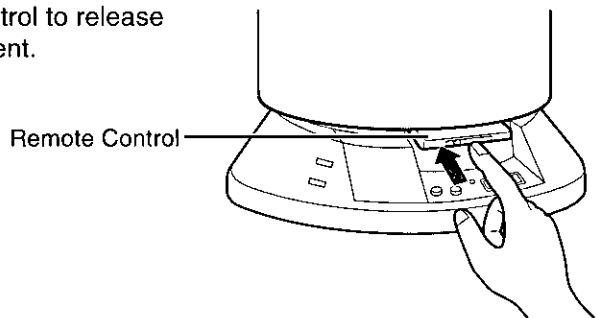
To avoid losing the remote control

Insert the remote control into its compartment and press until it locks into place.



To remove the remote control

Press the remote control to release it from the compartment.



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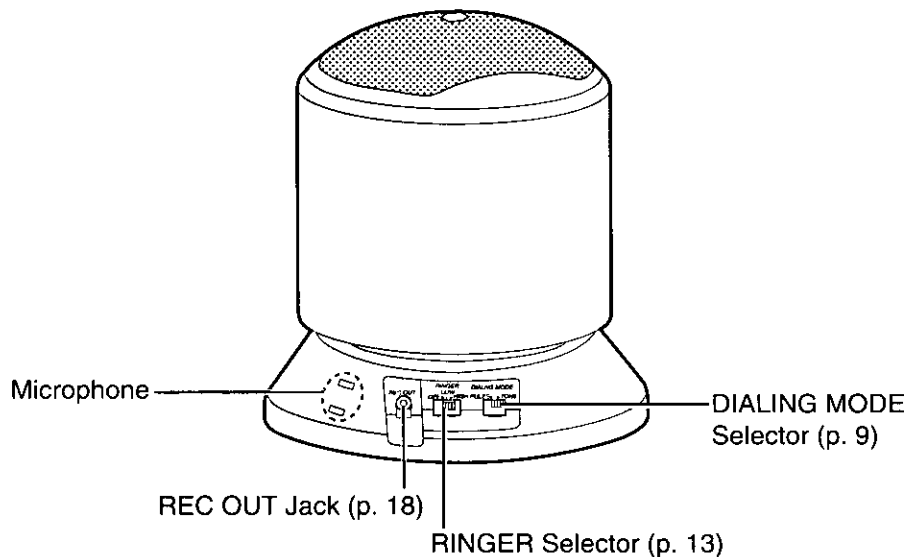
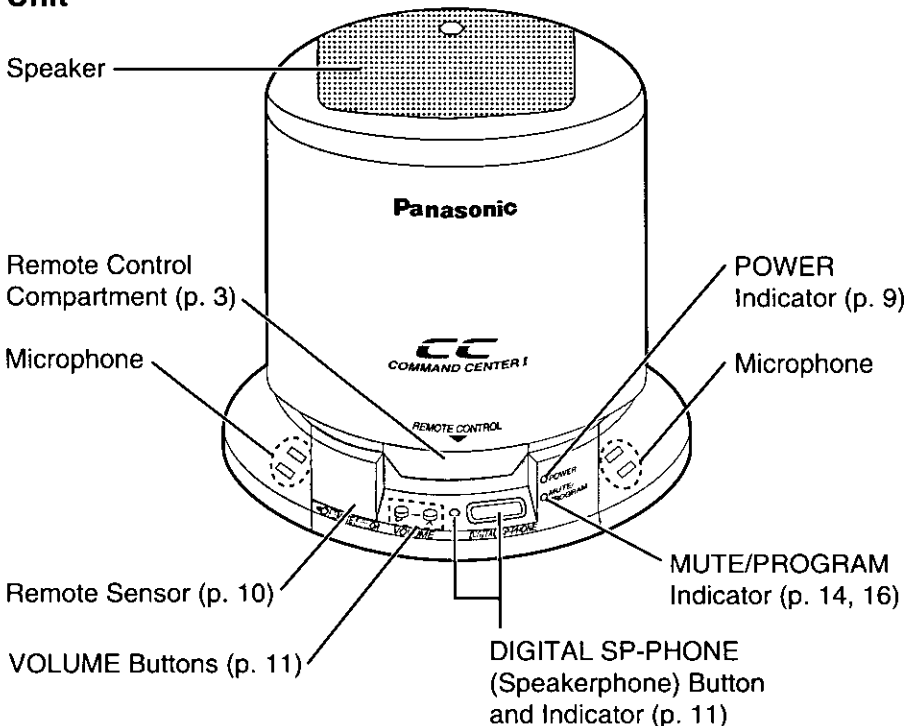
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Location of Controls



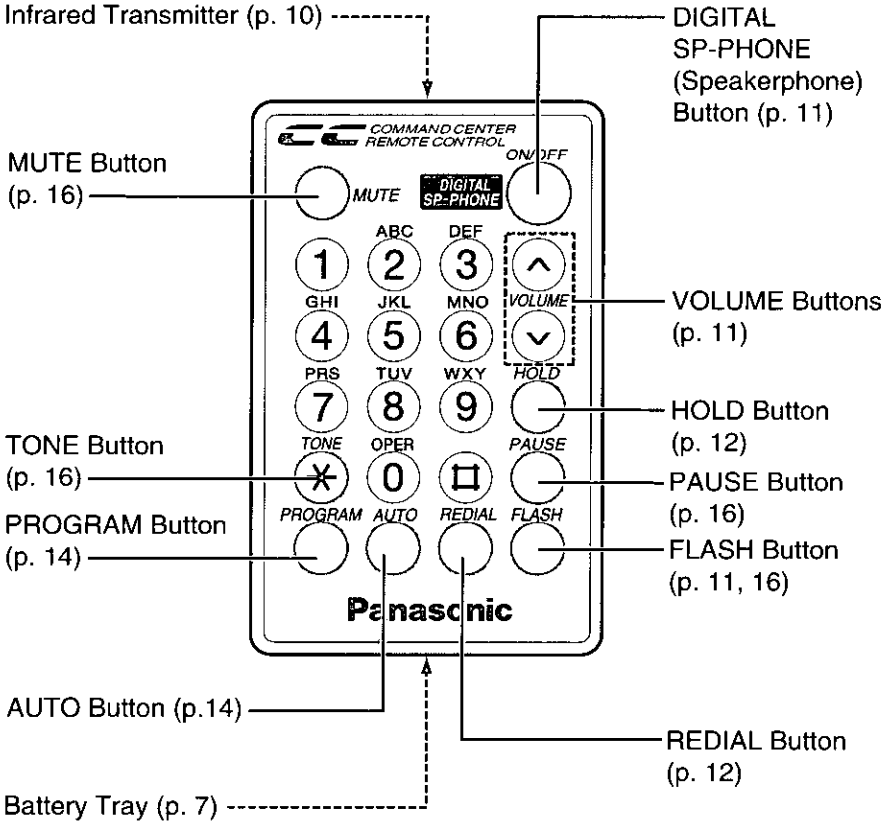
Preparation

Unit



➔ Location of Controls

Remote Control



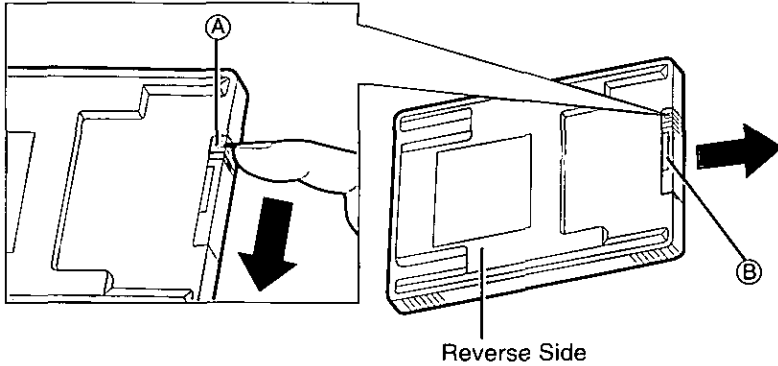
- Do not press the remote control buttons with a pointed object, such as a pen, etc.

Setting Up

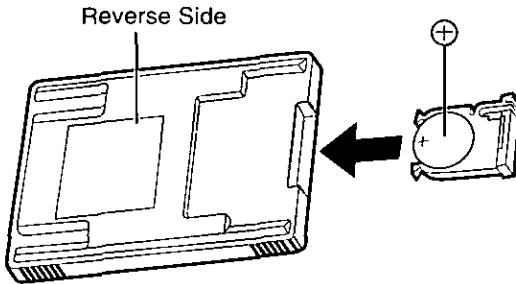


Installing the Battery in the Remote Control

- 1 While pressing down notch (A), pull out the battery tray by inserting your fingernail in notch (B).



- 2 Install the battery with the plus side up, then insert the tray until it locks.



- Please refer to page 21 for correct battery usage.
- Install the battery properly.
- Keep the battery away from children.

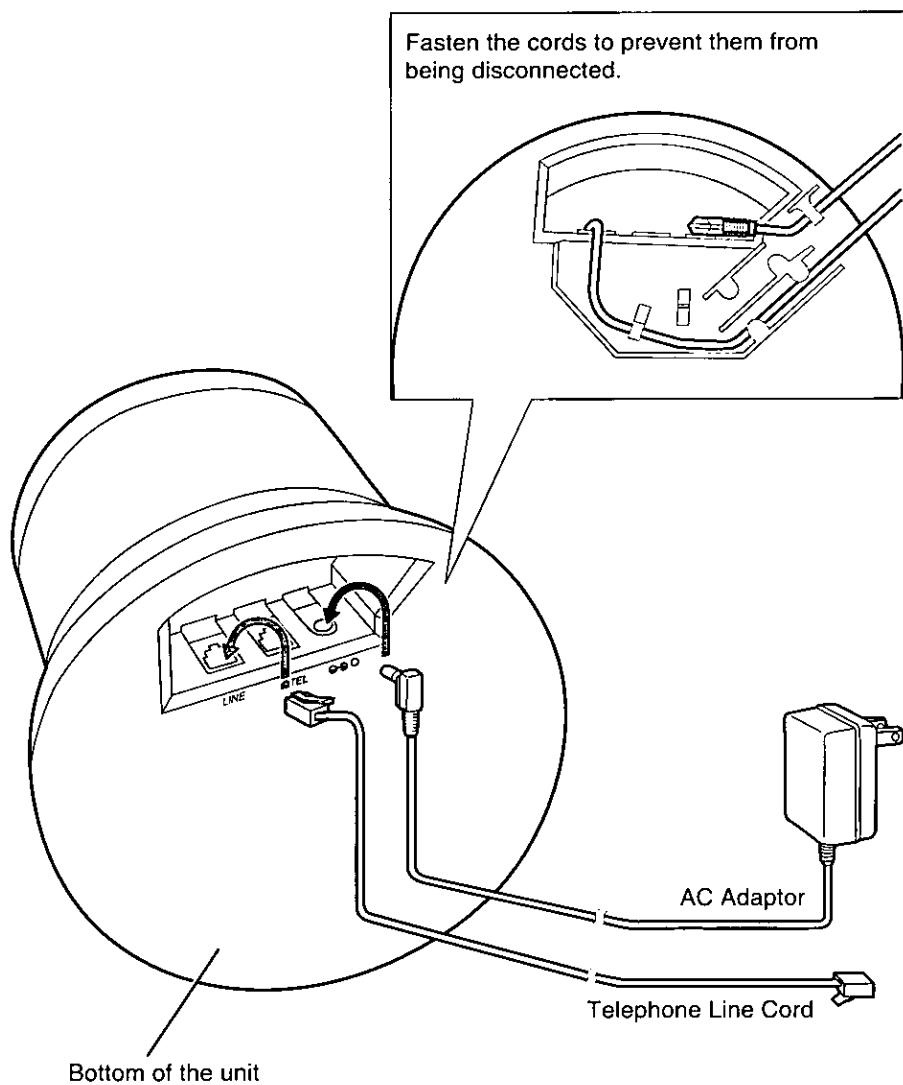
Battery Replacement:

- Replace the battery with a **Panasonic CR2025 lithium battery only**. Use of another battery may present a risk of fire or explosion.
- The battery life is about a year when a new Panasonic battery is used at room temperature. (It may vary depending on usage conditions and ambient temperature.)
- If the remote control only works when in close vicinity to the unit's remote sensor, replace the battery.

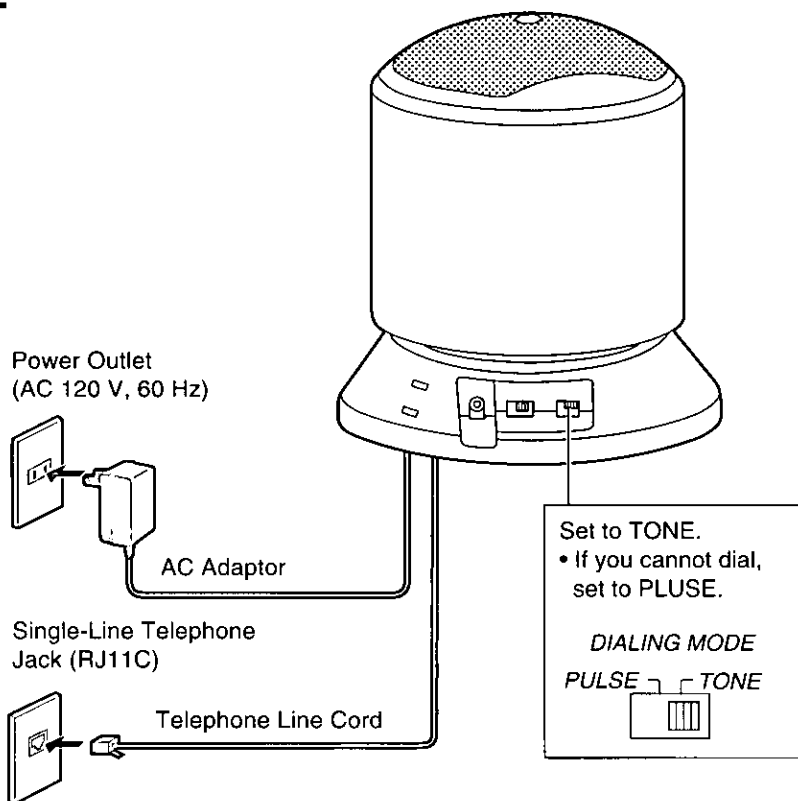
➡ Setting Up

Connection

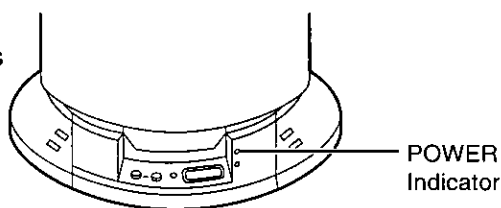
- 1 Plug in the AC adaptor cord and the telephone line cord to the bottom of the unit.



2 Connect the cords as shown.



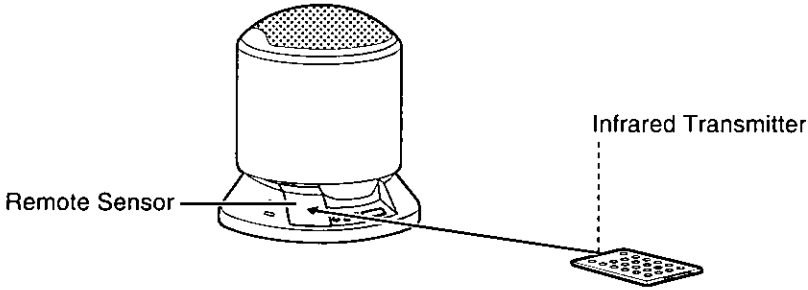
- The POWER indicator lights while the AC adaptor is connected.



- USE ONLY Panasonic AC ADAPTOR KX-TCA6.
- 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 17.
- This product can be used with a PBX that can support an analog port.
Please contact your PBX dealer for more information.

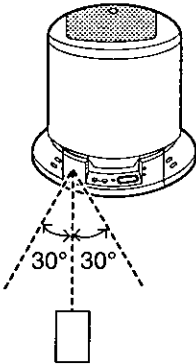
Remote Control Range

When using the remote control, point the infrared transmitter towards the remote sensor within the unit's maximum operating range.

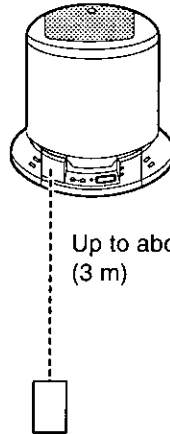


The maximum operating range is:

Horizontal



Distance



- The operating range may vary depending on the room lighting type (incandescent, fluorescent, etc.) or brightness.

Making/Answering Calls

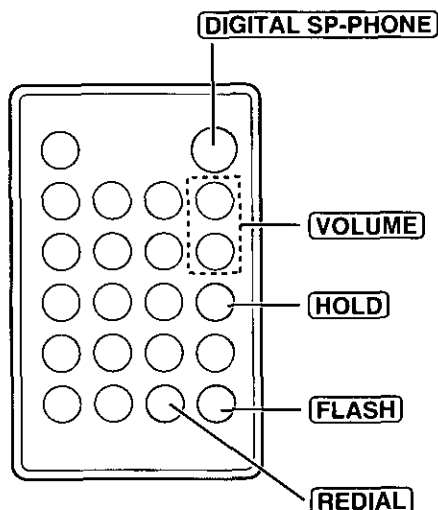


Making Calls

- 1 Press **DIGITAL SP-PHONE** on the remote control.
- The DIGITAL SP-PHONE indicator on the unit lights.

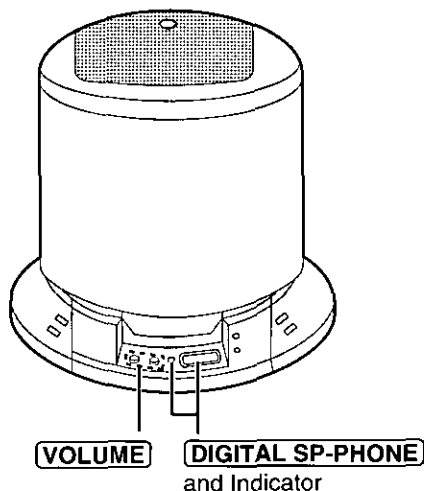
- 2 Dial a telephone number.
- If you misdial, press **FLASH** firmly then dial again.

- 3 To hang up, press **DIGITAL SP-PHONE**.
- The indicator light goes out.



Basic Operation

- You can also use **DIGITAL SP-PHONE** on the unit in steps 1 and 3.



To adjust the speaker volume (12 levels)

To increase, press **▲**. To decrease, press **▼**.

➔ Making/Answering Calls

Full Duplex Digital Speakerphone

For best performance, please note the following:

- At the beginning of a call, both parties should speak alternately. This enables the unit to adapt to its environment and let both parties speak simultaneously.
- If the other party's voice from the speaker cuts in/out during a conversation, press **▼** to decrease the speaker volume.
- Use the speakerphone in a quiet room.

To redial the last number

Press **DIGITAL SP-PHONE** → **REDIAL**.

To put a call on hold

Press **HOLD**.

- The DIGITAL SP-PHONE indicator on the unit flashes.
- 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 **DIGITAL SP-PHONE**.

- If another phone is connected on the same line (p. 17), you can also release the hold by lifting its handset.

About the **DIGITAL SP-PHONE** button on the unit

The **DIGITAL SP-PHONE** button on the unit uses non-radioactive luminescent material which can absorb light energy of sunlight or lamps (incandescent, fluorescent, halogen, etc.) and release this absorbed light for darkened room operation.

Notice:

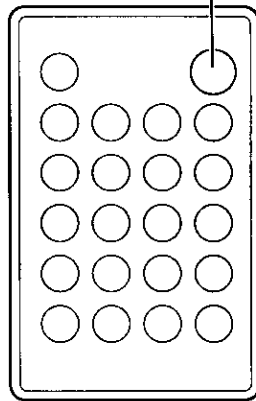
- As the absorbed energy in the **DIGITAL SP-PHONE** button material decreases, the button brightness will fade naturally.
- Button brightness and duration depends on the amount of room lighting and exposure time.

Answering Calls

1 Press **DIGITAL SP-PHONE** on the remote control.

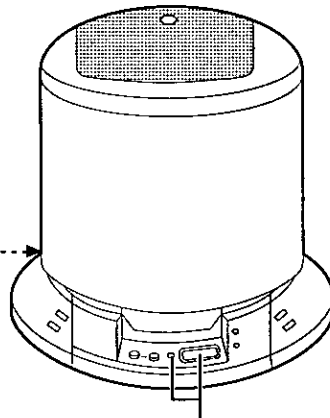
DIGITAL SP-PHONE

2 To hang up, press **DIGITAL SP-PHONE**.



• You can also answer a call by pressing **DIGITAL SP-PHONE** on the unit.

RINGER
Selector ----->



DIGITAL SP-PHONE
and Indicator

To select the ringer volume

Set the RINGER selector to HIGH, LOW or OFF.

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

RINGER
LOW
OFF HIGH

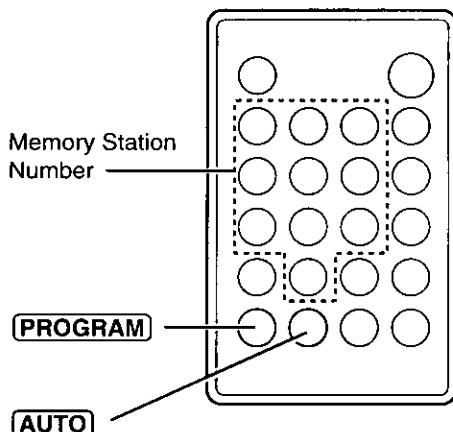


Automatic Dialing

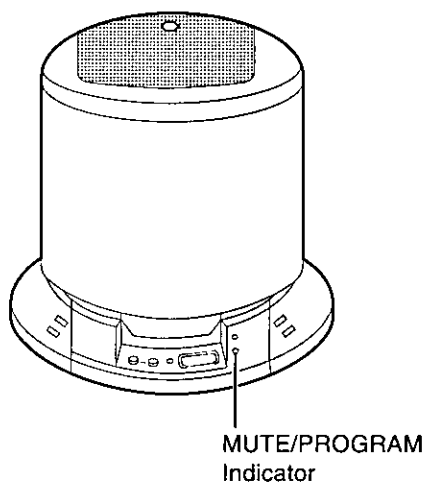
Storing Phone Numbers in Memory

You can store up to 10 numbers in the unit using the remote control. The dialing buttons (0 to 9) function as memory stations. **The DIGITAL SP-PHONE indicator light must be off. Point the infrared transmitter towards the remote sensor while storing.**

- 1 Press **PROGRAM**.
 - The MUTE/PROGRAM indicator on the unit flashes.
- 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 next page.)
 - To store other numbers, repeat steps 1 through 4.



- If the AC adaptor is disconnected for more than 3 days, the stored numbers should be confirmed again before dialing.

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 (0 to 9) for the phone number to be erased.

Memory sticker

Use the included memory sticker as a name or phone number index for automatic dialing. Attach the sticker to the unit or in a convenient place.

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

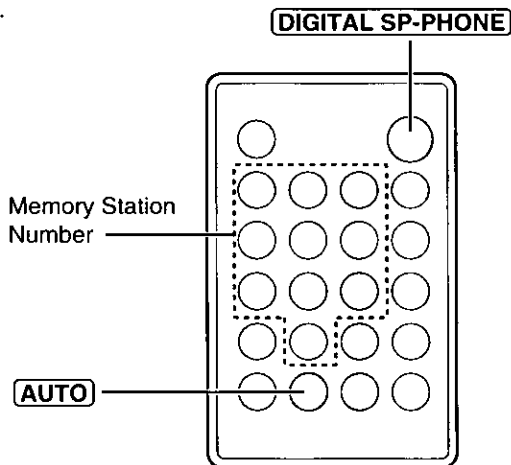
Dialing a Stored Number

1 Press **DIGITAL SP-PHONE**.

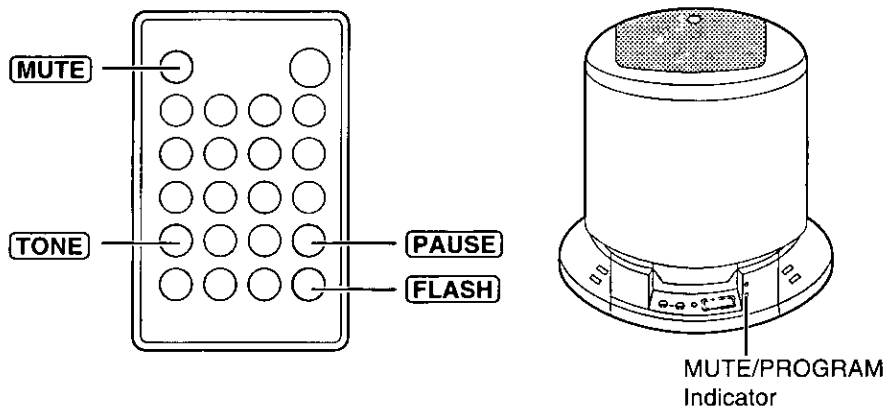
2 Press **AUTO**.

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

- The stored number is dialed.



Special Features



For Call Waiting Service Users

Press **FLASH** lightly 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.

Temporary Tone Dialing (For Rotary Service Users)

Press **TONE** before entering access numbers which require tone 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** between the access number for an outside line and the phone number.

- Pressing **PAUSE** once creates a 3.5 second pause. This prevents misdialing when you redial or dial a stored number. (**PAUSE** counts as one digit.)

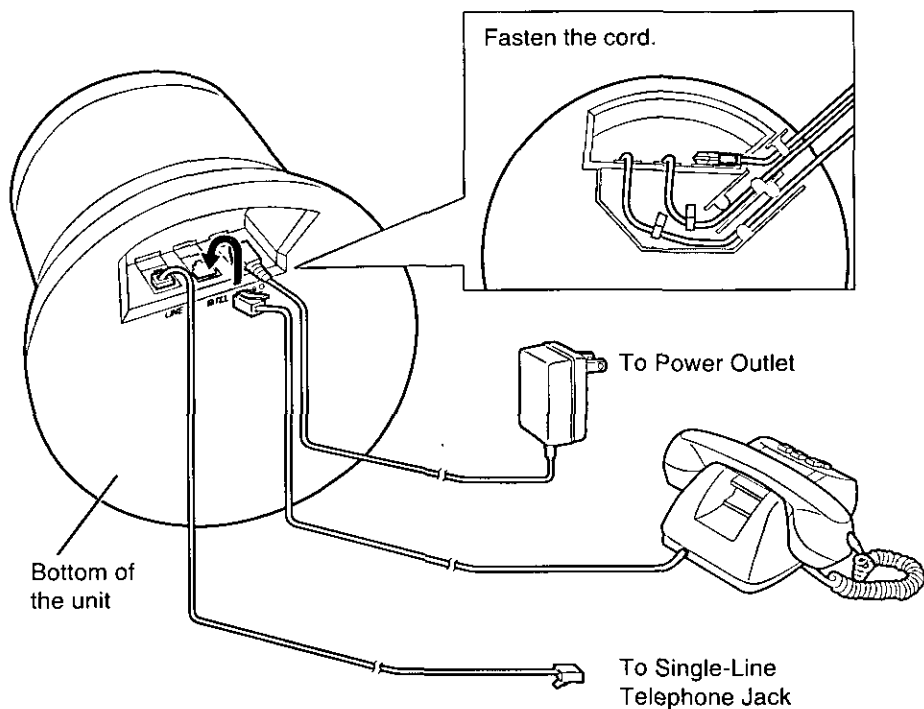
Muting Your Conversation

Press **MUTE** while talking. (The MUTE/PROGRAM indicator lights.)

- The other party cannot hear your voice but you can hear theirs.
- To resume the conversation, press **MUTE** again.

Adding Another Phone

If you lose or cannot use the remote control, you can connect a standard telephone to dial a number as shown below. Once the call is made, turn on the unit's speakerphone. Then hang up the standard telephone.

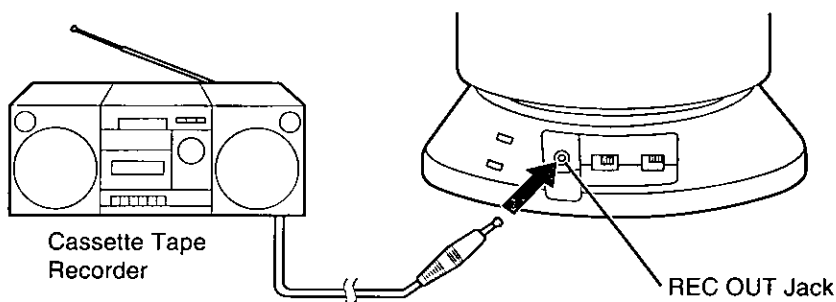


- During a power failure, the unit will not function. Use the standard telephone.

Recording a Conversation on an Audio Tape

If you connect the unit to a cassette tape recorder, you can record a conversation on a standard audio tape.

- 1 Connect the unit to a cassette tape recorder.
(Use a mini audio plug to connect the unit and refer to the tape recorder operating manual for the type and size of plug to be used.)



- 2 Press the recording button on the cassette tape recorder during a conversation.

- If you press **VOLUME** (\wedge or \vee) to change the speaker volume while recording a conversation, the recording volume will change accordingly.

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

Before Requesting Help

Problem	Remedy
The unit does not work.	<ul style="list-style-type: none">• Check the settings (p. 7-9).
The unit stops working during operation.	<ul style="list-style-type: none">• Unplug the AC adaptor to reset. Plug in, then try again.• Re-insert the remote control battery and try again.
The unit does not ring.	<ul style="list-style-type: none">• The RINGER selector is set to OFF. Set to HIGH or LOW.

Before Requesting Help

Problem	Remedy
Short silences, echoes, or speech cuts occur during conversations.	<ul style="list-style-type: none">• Do not move the unit while it is in use.• Keep your hands away from the unit during calls.• Keep files, cups, coffee pots, etc., away from the unit.• At the beginning of a call, both parties should speak alternately. This enables the unit to adapt to its environment and let both parties speak simultaneously.• The other party's phone might not be full duplex. For best sound quality, the other party should use a handset phone or full duplex speakerphone.
While storing a phone number, the unit starts to ring.	<ul style="list-style-type: none">• To answer the call, press DIGITAL SP-PHONE. 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 during a conversation.• Do not pause for over 30 seconds while programming.• Point the infrared transmitter towards the remote sensor while storing.
The remote control does not work.	<ul style="list-style-type: none">• Move closer or in range of the unit (p. 10).• Move the unit's remote sensor away from strong light, such as direct sunlight.• The battery power is low. Replace with a new one (p. 7).• Install the battery correctly (p. 7).• Clean the remote sensor and the infrared transmitter with a soft, dry cloth.
The POWER indicator light never goes out while the AC adaptor is connected.	<ul style="list-style-type: none">• This is normal.
If you cannot solve your problem.	<ul style="list-style-type: none">• Call our customer satisfaction center at 1-800-922-0028.

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 bath tub, wash bowl, 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 servicer 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 servicer 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 servicer.
 - 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

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. It (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 the battery(ies) in order not to short the battery(ies) to conductive materials such as rings, bracelets, and keys. The battery(ies) and/or conductor may overheat and cause burns.
5. Do not recharge the battery(ies) provided with or identified for use with this product. The battery(ies) may leak corrosive electrolyte or explode.
6. Do not attempt to rejuvenate the battery(ies) provided with or identified for use with this product by heating. Sudden release of battery electrolyte may occur causing burns or irritation to the eyes or skin.
7. Remove the battery(ies) from this product if the product will not be used for a long period of time (several months or more). During this time the battery(ies) could leak in the product.
8. Discard the "dead" battery(ies) as soon as possible. The "dead" battery(ies) may leak in the product.
9. Do not store this product, or the battery(ies) provided with or identified for use with this product, in high temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.

WARNING:

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

FCC and Other Information

If requested by the telephone company, inform them as follows:

FCC Registration No. (found on the bottom of the unit)

Ringer Equivalence 0.2B

The particular telephone line to which the equipment is connected.

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

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

Ringer Equivalence No. (REN):

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

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

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

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

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

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

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

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

CAUTION:

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

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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