

To order a replacement battery pack for the BE-25CHT cordless telephone, please mail this order form to:

TT SYSTEMS CORPORATION

7 Odell Plaza
Yonkers, NY 10701

Battery Packs @ \$14.95

Please enclose a check or money order made out to TT SYSTEMS for the amount of \$14.95 for each Battery Pack. Shipping and handling is included in the price.

Please ship order to: Name:

Company:

Address:

City, State, and Zip:

(This is your mailing label)

From:

TT SYSTEMS CORPORATION

7 Odell Plaza
Yonkers, NY 10701

To:



BELL[®] Equipment
SONECOR

MODEL BE-25CHT

25 CHANNEL CORDLESS
HEADSET TELEPHONE



OWNER'S MANUAL

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IMPORTANT SAFETY INFORMATION

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners, or aerosol cleaners. Use a damp cloth for cleaning. If necessary, use a mild soap.
4. Do not use this product near water, for example near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
6. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
7. Do not allow anything to rest on the telephone line cord. Do not locate this product where the cord will be abused by persons walking on it.
8. Never push objects of any kind into this product through the cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
9. To reduce the risk of electric shock, do not disassemble this product, 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.
10. Unplug this product from the wall outlet and refer 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 product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - e. If the product has been dropped or the cabinet has been damaged.
 - f. If the product exhibits a distinct change in performance.

IMPORTANT SAFETY INFORMATION - continued

11. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
12. Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock.
13. Do not use the telephone to report a gas leak 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 replacement battery pack of the required size and type: 3.6 volt @ 800 milliamp.
2. Do not dispose of the batteries in a fire. The cell may explode. Check with local codes or possible special disposal instructions.
3. Do not open or mutilate the battery. 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 conductors such as rings, bracelets, keys. The battery or conductor may overheat and cause burns.
5. Do not attempt to recharge the batteries provided with or identified for use with this product by heating them. The battery may leak corrosive electrolyte or may explode.
6. Do not attempt to rejuvenate the batteries provided with or identified for use with this product by heating them. Sudden release of the batteries electrolyte may occur causing burns or irritation to eyes or skin.
7. All batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture the discharged batteries.
8. When inserting batteries into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can cause charging, and that may result in leakage or explosion.
9. Remove the battery from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.
10. Discard dead batteries as soon as possible since dead batteries are more likely to leak in a product.
11. Do not store this product, or the battery 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.

FEATURES

The BE-25CHT cordless headset telephone is designed to provide you the convenience of high quality, portable telephone communication. The BE-25CHT telephone comes in two parts, a headset and a base. The headset connects to a cordless portable keypad, allowing you to make or receive calls away from its base. The headset keeps your hands free, permitting you to do other things while you talk. The base's space saving, upright design makes it ideal to areas where space is limited.

Your BE-25CHT cordless telephone offers the following features:

- Comfortable, lightweight headset with adjustable boom microphone.
- Advanced circuit design reduces interference.
- 65,000 security codes prevent unauthorized use of your phone line by other cordless phone users.
- 10-Number Speed-Dial lets you store 10 numbers in memory for easy dialing.
- Last Number Redial button redials the last phone number dialed.
- Automatically selects a clear channel when you pick up the phone.
- Privacy button mutes the headset microphone so the other party cannot hear you.
- Flash button for use with special phone services.
- Selectable Touch-Pulse Dialing allows you to use your phone with either type of service.
- Hinged belt clip design allows easy access to the keypad when you carry it on your belt.
- 100 foot range depending upon surroundings.
- Volume Control.

INSTALLATION

SELECTING A LOCATION

Install the BE-25CHT base unit in a location that is near an AC outlet and a modular telephone line jack. Try to keep the base unit away from electrical machinery, electrical appliances, metal walls, filing cabinets, wireless intercoms, security alarms, and room monitors. The base's location affects the phone's range. Try several locations to see which provides the best performance.

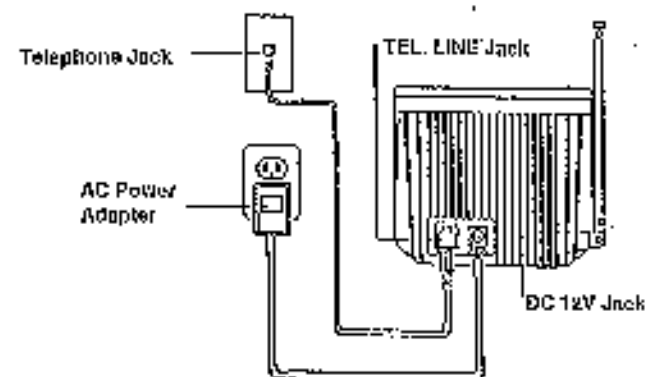
The BE-25CHT is supplied with a Class 2-120V AC/12V DC power adapter rated at 200 milliamps, center positive plug.

CONNECTING THE PHONE

Follow these steps to connect the BE-25CHT to AC power and to the telephone line. (See Figure 1)

1. Plug the supplied modular telephone line cord into the TEL. LINE jack in the back of the base.
2. Plug the remaining end of the telephone line cord into an existing modular telephone line jack.
3. Insert the AC adapter cord plug into the DC 12V Jack in the back of the base.

FIGURE 1



INSTALLATION - continued

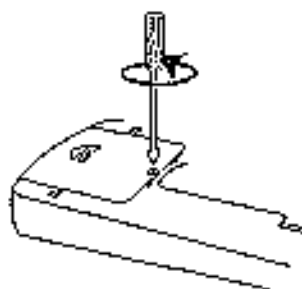
4. Plug the AC adapter into an AC power outlet. The IN USE/CHARGE indicator will light if the keypad is on the base.
5. Place the base antenna in a vertical position and make sure that it is fully extended.

CONNECTING AND CHARGING THE BATTERY PACK

The BE-25CHT comes with a rechargeable nickel-cadmium battery pack in the keypad. You must connect and charge it for at least 15 hours before using the phone.

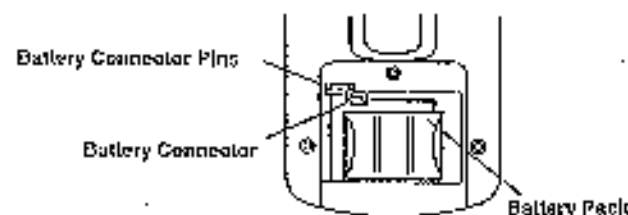
1. Use a Phillips screwdriver to remove the battery compartment cover safety screw, then remove the cover. (See Figure 2)

FIGURE 2



2. Insert the battery pack connector onto the connector pins located inside the battery compartment. (See Figure 3)

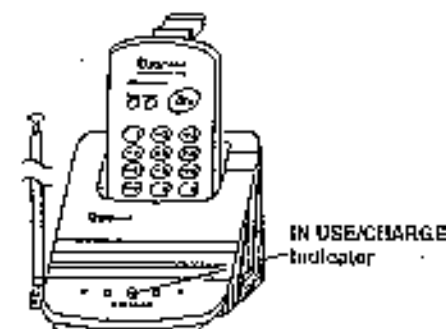
FIGURE 3



INSTALLATION - continued

3. Replace the battery cover and secure it with the screw.
4. To charge the battery pack, place the keypad on the base. The IN USE/CHARGE indicator on the base unit will light. Recharge the battery pack when the TALK/LOW BATT indicator lights. (See Figure 4)

FIGURE 4



Important: When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear error tones.

- If you hear the error tones, return the keypad to the cradle for at least 5 seconds to reset the security access-protection code.
- About once a month, fully discharge the battery pack by keeping the keypad off the base unit until the TALK/LOW BATT indicator lights. This will maintain the battery pack's ability to fully recharge.
- When the POWER switch is in the ON position, and the headset is not in use, the TALK/LOW BATT indicator will flash slowly if the battery power is low.
- If the battery power is too low, the indicator will not light.
- If the IN USE/CHARGE indicator does not light when you place the keypad in the base unit, check if the battery pack and AC adapter are connected correctly. (See Figure 5)

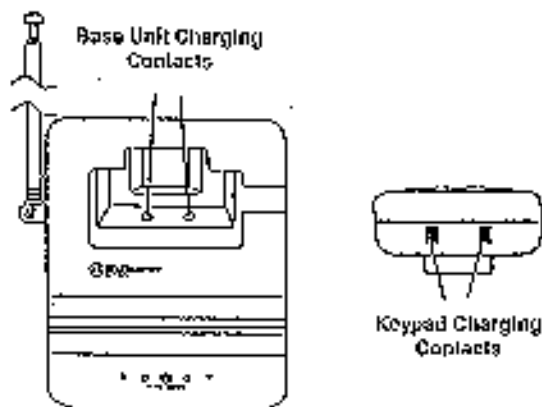
INSTALLATION - continued

FIGURE 5



- Check the charging contacts on the keypad and the base unit. If the contacts are dirty or tarnished, clean them with a pencil eraser. (See Figure 6)

FIGURE 6

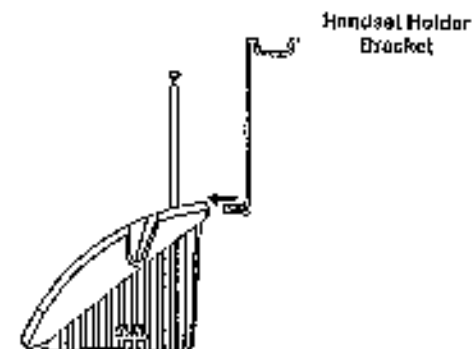


ATTACHING THE HEADSET HOLDER

Insert the headset holder bracket into the slot located on the back of the base unit. Press the bracket until it slides into place. (See Figure 7)

INSTALLATION - continued

FIGURE 7



ADJUSTING THE HEADSET

Put on the headset, and adjust the band until it rests with almost no pressure on your ear and the top of your head.

1. If the headset is loose, remove it and gently push the headset band inward slightly to tighten it. If the headset is tight, gently pull the headset band out to loosen it. (See Figure 8)
2. Use one hand to hold the headset in place. Adjust the microphone boom until it is about 2 inches from your mouth. (See Figure 8)

FIGURE 8



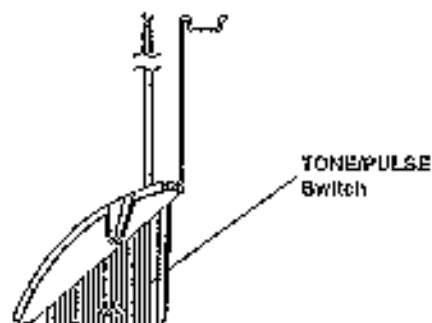
INSTALLATION - continued

1. When you are not using the headset, always place it on the base unit headset holder.

SETTING THE TONE/PULSE SWITCH

Set the TONE-PULSE switch located on the right side of the base unit for the type of service you have. If you are not sure of which type service you have, do the following test after charging the battery. (See Figure 9)

FIGURE 9



1. Set the POWER switch to the ON position and the TONE-PULSE switch to TONE position.
2. Remove the keypad from the base unit, then press the TALK/HANG UP button and listen for dial tone.
3. Press any dialing button except 0. If dial tone stops, you have touch-tone service. Leave the TONE-PULSE set to TONE position.
4. If dial tone continues, you have pulse service. Set the TONE-PULSE to PULSE position.

USING THE BELT CLIP

Use the belt clip to hang the keypad on your belt or waistband for convenient handset-free carrying.

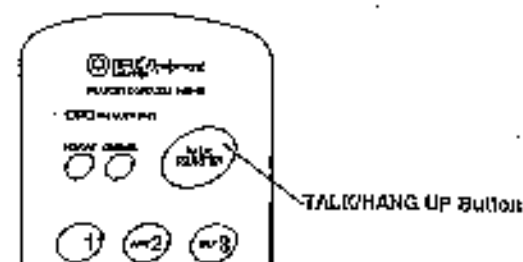
OPERATION

MAKING AND RECEIVING CALLS

Put the headset on your head, adjust as required. Set the POWER switch to the ON position.

1. To make a call, press the TALK/HANG UP button once. The TALK/LOW BATT indicator will light. When you hear dial tone, enter the number that you want to call. (See Figure 10)

FIGURE 10



2. To disconnect a call, press the TALK/HANG UP button or place the keypad on the base.
3. To answer a call when the keypad is in the base, pick up the keypad. The TALK/LOW BATT indicator will light.
4. To answer a call when the keypad is not on the base, press the TALK/HANG UP button. The TALK/LOW BATT indicator will light.
5. To conserve battery power, set the POWER switch to the OFF position when the remote keypad is away from the base. When you hear another phone on the same line ring, set the POWER switch to the ON position and press the TALK/HANG UP button to answer the call.

MAINTAINING COMMUNICATION WITH THE BASE

When you press a button on the keypad, a short tone will be heard indicating that the BE-250HT has accepted the command.

- Three tones indicate that you have pressed a button in error, you are out of range, or there is too much interference.

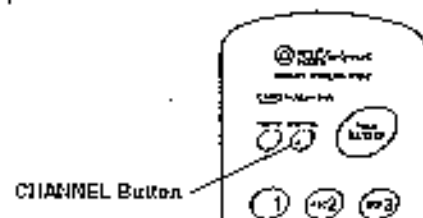
OPERATION - continued

- ♦ If there is severe interference, move closer to the base before you press any key. If interference is severe, the keypad might lose communication with the base and the call might be disconnected. This does not happen often, but if it does, return the keypad to the cradle for a few seconds.

CHANGING CHANNELS

The BE-25CHT cordless telephone automatically selects a clear channel when you press the TALK/HANG UP button. If you experience interference during a call, press the CHANNEL button to switch to another channel until you have good reception. (See Figure 11)

FIGURE 11

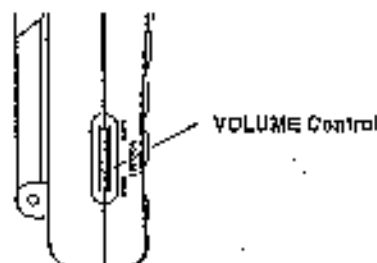


SETTING THE VOLUME

The VOLUME control allows you to adjust the receive sound level that you hear through the headset. This is useful when you are in a noisy area.

1. Set the VOLUME control on the side of the keypad to a comfortable listening level. (See Figure 12)

FIGURE 12



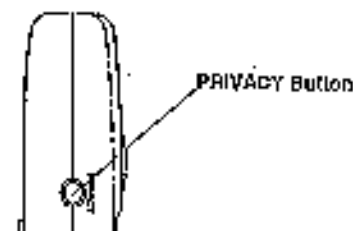
OPERATION - continued

USING THE PRIVACY BUTTON

The PRIVACY button mutes the headset microphone so the other party cannot hear you when you are talking to someone else in the room.

1. Press and hold the PRIVACY button located on the side of the keypad. Release the PRIVACY button to resume your phone conversation. (See Figure 13)
2. When the PRIVACY button is engaged, you can still hear other party. This is normal.

FIGURE 13

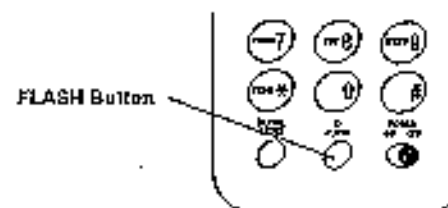


USING THE FLASH BUTTON

Pressing the FLASH button provides the electronic equivalent of momentarily pressing the hook switch which is used for special telephone services such as Call Waiting.

1. For example, if you have Call Waiting, you can put the present call on hold and answer a second call by pressing the FLASH button. Press the FLASH button again to return to the original call. (See Figure 14)

FIGURE 14



OPERATION - continued

2. The radial memory does not store the FLASH entry or the digits you press after pressing the FLASH button.

USING TONE SERVICES ON A PULSE LINE

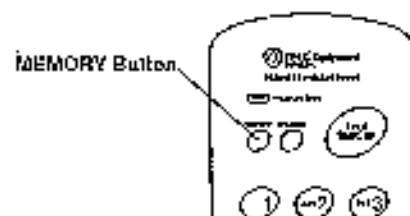
Some special phone services, such as bank-by-phone, require tone signals. If you have pulse service, you can still use these special tone services.

1. Dial the service's main number.
2. Press the TONE button and then the * (asterisk) button at the point that tone signals are required, then dial the additional digits of the number. The phone will send these numbers as tone signals.
3. The phone automatically resets to pulse mode when you hang up.

STORING A NUMBER IN MEMORY

The BE-25CHT will allow you to store up to 10 numbers, up to 16 digits in length into memory. To store a number in memory, confirm that the TALK/LOW BATT indicator is off, then press the MEMORY button. (See Figure 15)

FIGURE 15



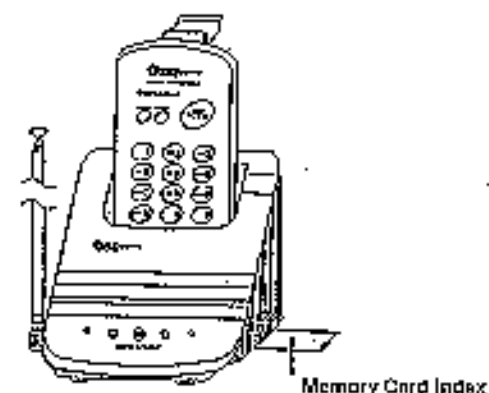
Important: If you do not press a keyboard button within 10 seconds, a buzzer will sound and the phone will exit the number storing process. Start again from step 1.

1. Dial the number you want to store, then press the MEMORY button again.
2. Press the memory location number button (0-9) where you want to store the number. A long beep tone will be heard confirming that the phone number is stored in memory.

OPERATION - continued

3. When storing numbers for special services (such as alternate long distance or bank-by-phone), store the service's main phone number in one memory location and numbers for additional information in other locations.
4. Pull out the memory index card at the bottom of the base and using a pencil, write the stored number next to the memory location number. (See Figure 16)

FIGURE 16



5. If you receive a call while you are storing a number in memory, press the TALK/HANG UP button to answer the call. After the call, begin again at Step 1.
6. To change a number stored in memory, simply store a new number in that memory location.
7. To clear a memory location so that there is no number is stored there, press the MEMORY button, then press the memory location number button. A long beep tone will be heard confirming that the number is cleared from memory.
8. If a buzzer sounds, you did not successfully clear the memory location. Repeat the process.

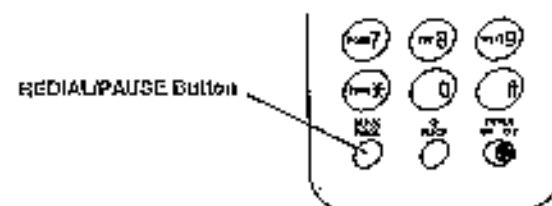
OPERATION - continued

ENTERING A PAUSE IN A STORED NUMBER

In some telephone systems, you must dial an access code (9, for example) and wait for a second dial tone before you can dial an outside number.

1. To enter a 2-second pause, press the REDIAL/PAUSE button at the appropriate point when you store a number in memory. To enter another 2-second pause, press the REDIAL/PAUSE button again. (See Figure 17)

FIGURE 17



DIALING A STORED NUMBER

Press the HANG UP button. When dial tone is heard, press the MEMORY button, then press the desired memory location button. The BE-25CHT will dial the stored number you have selected.

CHAIN DIALING NUMBERS

If you use pulse dialing to contact the special phone service, make sure you have stored a tone entry (press the TONE button and then the * button) in another memory location.

1. When you hear dial tone, press the MEMORY button and the memory location number for the service's main number. When the service's main number answers, press the MEMORY button and the memory location button numbers for the additional information.

MAINTENANCE

REPLACING THE BATTERY PACK

If you follow the instructions in "Connecting and Charging the Battery Pack" on Page 8, the battery pack should last about a year. If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace the battery pack with a new 3.6 volt, 300 milliamp battery pack.

Note: The replacement battery pack must have a connector that fits the connector pins located in the keypad battery compartment. Replacement battery packs can be obtained directly from TT Systems Corporation. If you desire to purchase a exact replacement battery pack, a order form can be found on the rear cover of this manual.

An equivalent battery pack can be purchased at most electronic or Radio Shack stores. The Radio Shack catalog number is 23-294.

Caution: Please refer to and read the IMPORTANT SAFETY INFORMATION found on Page 4 of this manual prior to replacing the battery pack.

Important: Your telephone contains a rechargeable nickel cadmium battery pack. At the end of the battery pack's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area.

1. Install the new battery pack as described below, then charge the battery pack for about 15 hours before you use it the first time. (See "Connecting and Charging the Battery Pack" on Page 8 of this manual)
2. To avoid losing numbers stored in memory, install and begin charging the new battery pack within 2 minutes of removing the old one.
3. Use a Phillips screwdriver to remove the screw on the battery compartment cover on the remote keypad, then remove the cover. (See Figure 2 located on Page 8)
4. Gently pull on the battery connector to disconnect it, then remove the battery pack.
5. Slide the battery pack's connector onto the connector pins inside the battery compartment and put the battery pack into the compartment. (See Figure 3 located on Page 8)
6. Replace the battery cover and secure it with the screw.

MAINTENANCE - continued

The BE-25CHT has been designed to give years of trouble free service. To help insure its longevity, please read the following maintenance instructions:

- Keep the BE-25CHT dry. If it gets wet, first unplug the AC adapter then wipe the unit dry immediately. Liquids can contain materials that can corrode electronic circuits.
- Use and store the BE-25CHT only in normal temperature environments. High temperatures can shorten the life of electronic components and distort or melt its plastic parts.
- Keep the BE-25CHT away from dust and dirt, which can cause premature product failure.
- Handle the BE-25CHT gently and carefully. Dropping it can cause serious damage to circuitry, or plastic case, which may result in causing it to malfunction.
- It is the responsibility of users requiring service to report the need for service to TT Systems Corporation. They will make the necessary arrangements for repair or replacement.
- Should you have any questions about the operation of the BE-25CHT, please call 1-914-968-2100, between the hours of 9:00 A.M. and 4:30 P.M. eastern time. Or you may contact TT Systems Corporation for technical assistance via our Internet Web-site: <http://www.tech@tteystems.com>.

TROUBLESHOOTING

We do not expect you to have any problem with your phone, but if you do, the following suggestions may help.

SYMPTOM	SUGGESTION
The phone does not work.	Ensure that the POWER switch is set to ON.
	Move the keypad closer to the base.
	Fully extend the base's antenna and raise it to a vertical position.
	Ensure the phone's modular cord and the AC adapter are installed correctly connected.
	Recharge the keypad's battery pack. If the battery power is too low, the TALK/LOW BATT. indicator will not light.
	Reset the security access-protection code by placing the keypad in the cradle with POWER set to ON, disconnect AC power and then reconnect AC power.
Interference is severe	Move the keypad closer to the base.
	Keep the base and remote keypad away from interference sources such as computers, radio-controlled toys, wireless microphones, wireless alarm systems, wireless intercoms and room monitors, fluorescent lights, and electrical appliances.
	Turn off the interfering device.
	Hang up and redial the number.
The range decreases	Fully extend the base's antenna and raise it to a vertical position.
	Ensure the antenna is not touching a metal surface.
	Recharge the keypad battery pack.
The volume level drops or you hear unusual sounds when someone picks up another phone on the same line.	Hang up the second phone.

FCC REQUIREMENTS

This equipment complies with Part 68 of the FCC Rules. On the bottom or back of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must, provide this information to your telephone company.

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).

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. If advanced notice isn't practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this telephone equipment, disconnect this equipment from the network until the problem has been corrected or until you are sure the equipment is not malfunctioning.

- This equipment may not be used on coin service provided by the telephone company.
- Connection to party lines is subject to state tariffs.

This equipment generates and uses radio frequency energy and if not installed and used properly in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception and VCRS, 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 the radio or TV receiving antenna. Relocate this device with respect to the receiver. Move this device away from the receiver.
- If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.
- The user may find the following booklet, prepared by the Federal Communications Commission, helpful:

"How to Identify and Resolve Radio-TV Interference Problems"

This booklet is available from the U.S. Government printing Office, Washington, DC 20402, Stock Number: 00-0000-00354-4. There may be a charge for this booklet.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Aastra Telecom Limited Warranty

- A. Aastra warrants that the BE-25CHT sold by Aastra within the continental limits of the United States, Hawaii and Alaska, are free from defects in materials and workmanship under normal use and service for 1 year. This warranty is applicable only to the original purchaser of the BE-25CHT, when accompanied by a sales receipt stating the date of purchase and name of the company from which purchased. This warranty is in lieu of and excludes all other warranties, expressed or implied, including any implied warranty of merchantability or fitness, and of any other obligation on the part of Aastra.
- B. If the BE-25CHT shall prove to be defective, then Aastra shall either replace or repair the BE-25CHT at its discretion as follows:
1. At no cost to the original purchaser except shipping charges, within 90 days of the date of purchase.
 2. Warranty service for your BE-25CHT is provided by TT Systems Corporation. From 91 days to 365 days, you may return the BE-25CHT to TT Systems Corporation at the following address:
- TT Systems Corporation
7 Odell Plaza
Yonkers, New York 10701
Tel: 914-968-2100
- C. Shipping charges are at the customer's expense. Please include a copy of your sales receipt and a check or money order made out to TT Systems Corporation for the amount of \$14.95 to cover shipping and handling.
- D. There is no informal dispute settlement mechanism available.
- E. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
- F. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
- G. This warranty does not extend to any BE-25CHT sold by Aastra which has been subjected to misuse, neglect, accident, improper application, improper installation or to use in violation of the instructions furnished by Aastra. This warranty does not extend to or apply to any BE-25CHT which has been repaired or altered by any persons who have not been expressly approved by Aastra.
- H. Aastra shall not be liable for any special or consequential damages or for loss or expense directly or indirectly arising from use of the products or any inability to use them either separately or in combination with other equipment or product accessories or from any other cause.
- I. Aastra reserves the right to make changes in the design of the BE-25CHT and to make additions or improvements to the BE-25CHT without incurring any obligation to modify any BE-25CHT previously sold.