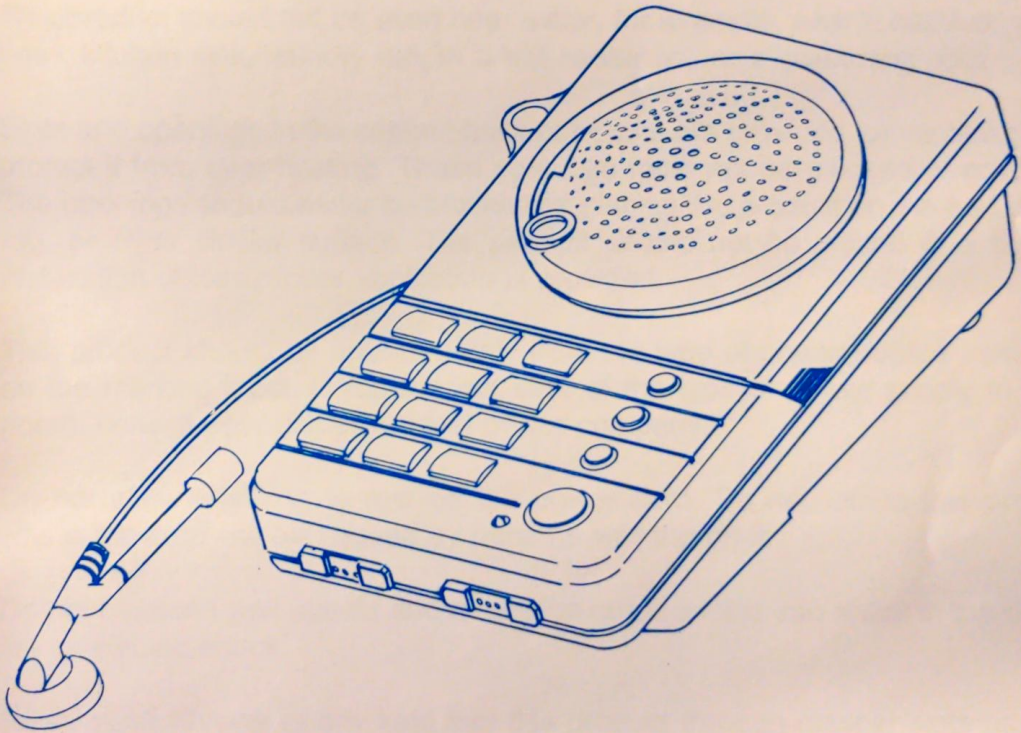


 **Bell Atlantic**<sup>®</sup>  
Champion<sup>™</sup> Products

## AUDISSEY EARPHONE



**MODEL BA 820**  
**OWNER'S MANUAL**



## IMPORTANT SAFETY INSTRUCTIONS

Some of the following information may not apply to your particular product, however, when using telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric 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.
4. This product should not be used near water, for example, near a bathtub, wash bowl, kitchen sink, laundry tub, in a wet basement, or a swimming pool.
5. Slots and openings in the cabinet back or bottom are provided for ventilation, to protect it from over-heating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. The product should not be placed in a built-in installation unless proper ventilation is provided.
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 power cord. Do not locate this product where the cord will be abused by persons walking on it.
8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
9. Never push objects of any kind into this product through 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.
10. To reduce the risk of electric shock, do not disassemble the product, but take it to a qualified serviceman when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks.
11. Do not expose the telephone to extreme temperatures such as found near a hot radiator or stove, or in a car parked in the summer sun.



12. Do not place lighted candles, cigarettes, cigars, etc., on the telephone.
13. Unplug this product from the wall outlet and refer servicing to qualified service personnel when:
  - A. Power cord is damaged or frayed.
  - B. If product has been exposed to rain or water.
  - C. If the product does not operate normally by following the operating instructions.
  - D. If the product has been dropped or cabinet has been damaged.
  - E. If the product exhibits a distinct change in performance.
14. Avoid using a telephone (other than cordless type) during an electrical storm. There is a remote chance of electric shock from lightning.
15. Do not use the telephone to report a gas leak in the vicinity of the leak.
16. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.

## SAVE ALL INSTRUCTIONS, SALES RECEIPTS AND PACKAGING MATERIALS.

### INSTALLATION PRECAUTIONS

1. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
2. Never install or modify telephone wiring during a lightning storm.
3. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
4. Use caution when installing or modifying telephone lines.

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## PACKING LIST

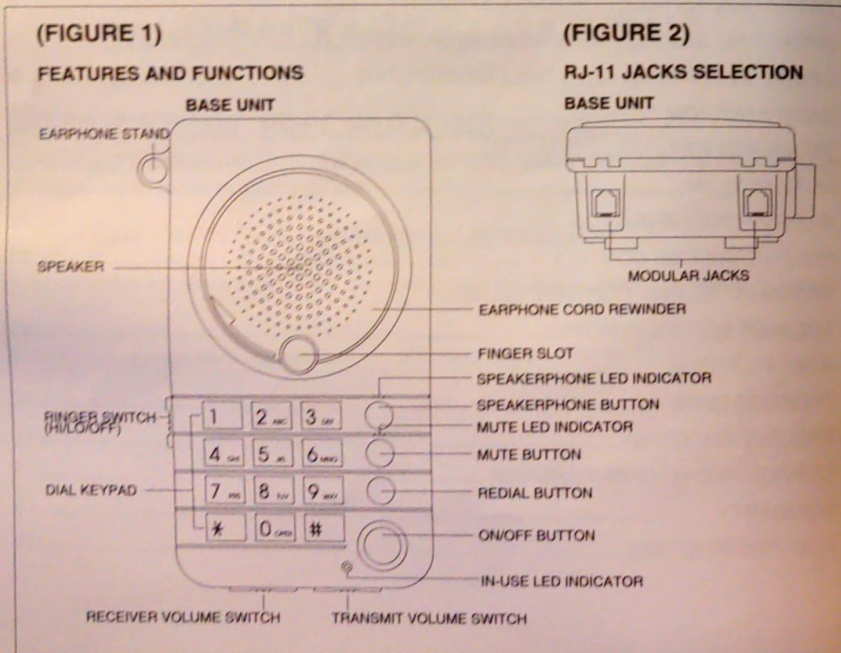
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 EARSET(1)  
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 CLOTHING CLIP(1)

SILICONE EARBUD COVERS(4)  
 TELEPHONE LINE CORD(1)  
 WALL MOUNTING BRACKET(1)

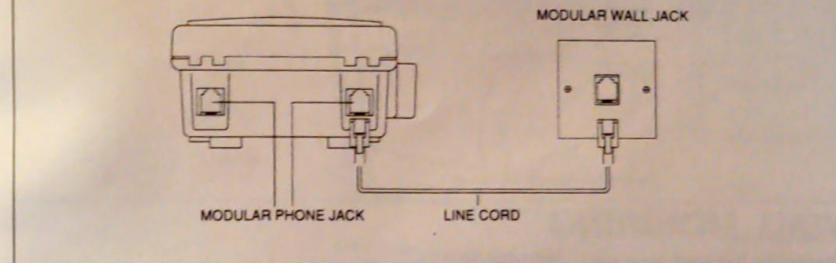
## INTRODUCTION

Congratulations on your purchase of this innovative new telecommunications device. This Audissey Earphone was developed to provide you with a new level of freedom in making and receiving phone calls: two free hands! In the past, in order to get this beneficial feature, an uncomfortable wrap around earset was your only choice. This product because of it's innovative design reduces the usual fatigue associated with normal telephone handset use. This phone enables you to perform your normal two handed functions while conversing comfortably. It is a fact that a high percentage of neck, shoulder, and back problems are related to the poor posture normal handset users are accustomed to when attempting to wedge the handset between the shoulder and ear. The sculptured silicone earbud covers provided will comfortably secure the earset to your ear so that you almost forget it is there. Please take a few minutes to read this entire owner's manual to learn all about this special product. Because this is not a standard telephone, there are many details which you must become familiar with to install, use, and care for your new Audissey Earphone product. If you have any questions call 1-800-886-9394.

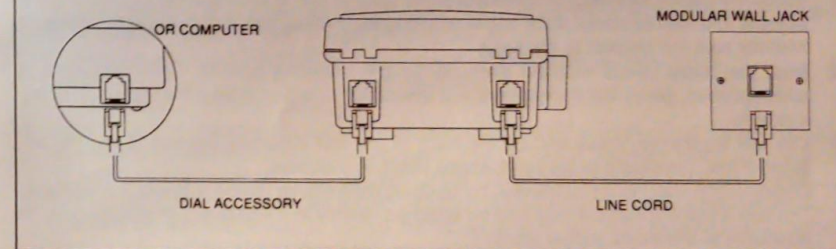
## LOCATION AND FUNCTION OF CONTROLS



**(FIGURE 3) WIRING DIAGRAM**



**(FIGURE 4) WIRING AUTO DIALER ACCESSORY**



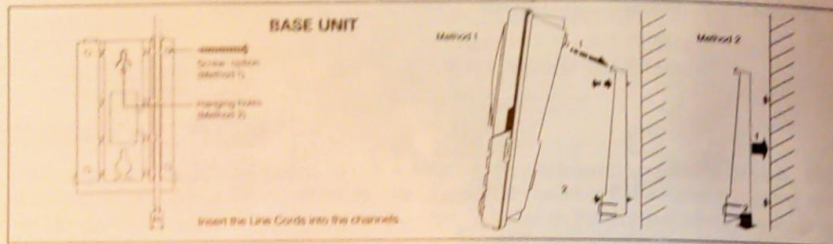
## INSTALLATION

This telephone can be placed on either a convenient flat surface (desk/table) or easily mounted on a wall. For either, be sure to select a location that's accessible to a modular wall jack. If your installation is on a flat surface, make sure that it is sturdy and stable. Serious damage can occur if your Audissey Earphone is allowed to fall. Follow these easy steps to install your Audissey Earphone.

1. Insert one of the modular plugs of the line cord into either of the modular jacks on the rear of the base unit. Insert the modular plug on the other end of the line cord into a standard telephone jack. (figure 3) If the modular plug from this telephone does not fit exactly into your standard telephone jack, you will need an adapter between the telephone outlet and the modular plug (RJ-11) of your phone set. (figure 3).
2. Set the Tone/Pulse switch (located under the retractor cover) to the desired position (if you are not sure, check with your phone company.)
3. NOTE: Make sure that the RECEIVE VOLUME CONTROL (slide control on the front of the base) is set to a lower level so that you may adjust it to your own needs. Check for a dialtone by listening to the earset. If you do not hear one, make sure that your modular connections are snugly seated into their jacks.



## WALL MOUNTING (FIGURE 5)



## WALL MOUNTING

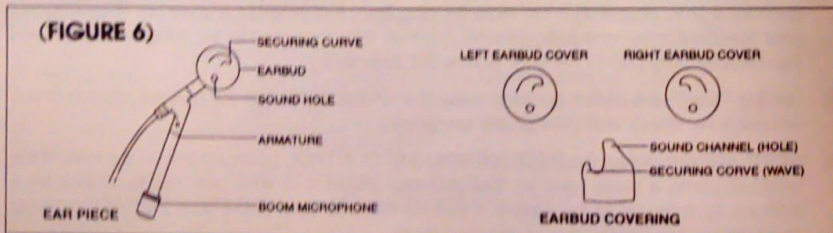
### Mounting the Unit on a wall: (FIGURE 5)

As noted above, position the location for your wall mounting installation close to a modular telephone jack.

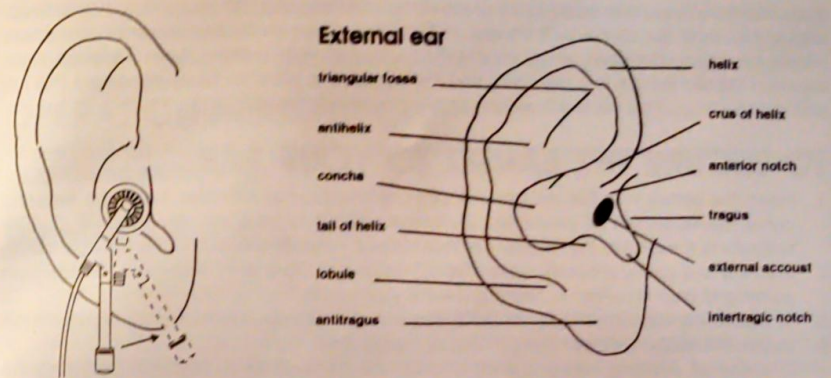
1. Utilize the plastic wall mounting bracket as a template to mark the points where two screws (not included) should be inserted into the wall (NOTE: screws should be inserted to within 1/8 inch of the wall.)
2. Attach the plastic wall mounting bracket to the back of the telephone base by inserting the top tabs into the horizontal slots. While pinching the vertical tabs, apply a gentle pressure to firmly seat the bracket to the base.
3. Align the screw heads with the eye-slots on the mounting bracket. Once alignment is accomplished, gently but firmly press in a downward direction to seat the phone on to the eye slots.
4. Use the sculptured "channels" on the back of the wall mounting bracket to run the telephone line. Connect it to the base where WALL is indicated.
5. Complete the wall mount installation by plugging the modular phone plug into the wall jack.
6. The wall mounting bracket may also be attached directly to a wall jack with mounting studs (available at telephone supply stores.)

## EARSET (Figure 6)

The Earset (ear piece) makes this telephone unique. This small unit substitutes for the normal handset in a standard telephone. The earset is comprised of two parts: the earbud and the 2 inch directional microphone. The design and quality of this tiny microphone is more than enough to pick up all of the sound necessary to carry on a normal phone conversation with the same sound quality as a standard handset. In order to send and receive "accurate sound", adjustments must be made to custom-fit the ear piece to your own physical dimensions. The physical size and shape of the human ear varies, therefore, an assortment of earbud coverings is included to enable a close, comfortable fit.



(FIGURE 7)



## Sculptured Silicone Earbud Coverings

If you look closely at the sculptured earbud coverings, you will see a marking indicating which piece is sized for each ear (left or right). (FIGURE 6)

The coverings are easily installed on the earbud by following these instructions:

1. Decide which ear will be used with the earset.
2. Choose the correct size covering.
3. Look closely at the earbud covering and determine the different physical curves that you will need to be aware of in the following steps. The SOUND CHANNEL (the hole at the top of the small volcano shape), and the SECURING CURVE (that appears like a small wave.)
4. The earbud portion of the earset should be used with the silicone earbud covering. With the covering on, you will be able to secure the earset to your ear. Without the covering on the earbud, any sudden head movements may dislodge the earset.
5. TO INSTALL THE SILICONE EARBUD COVERING: (FIGURE 7)
  - a. Position the covering over the earbud with the small securing curve (wave) at the top
  - b. Gently press the covering over the earbud starting at the top and working all the way around the earbud
  - c. A slight adjustment can be made after the covering is installed on the earbud. If the alignment is not correct for your "custom" fit, it is easier to remove the covering and reposition it, while on the earbud rather than rotating it.
  - d. Periodic cleaning of your earset (described in PRODUCT CARE) will make it necessary to become familiar with the installing and removing process.

## CUSTOM ADJUSTMENTS

The earset has the ability to swivel 180° to accommodate both left and right ear usage. The cord should always be positioned on the under-side of the microphone when in use. To swivel the earset, hold the unit by the boom microphone and gently rotate the earbud armature one-half turn (until the sound hole in the earbud covering comes in line with your ear.) As explained above (EARSET and SCULPTURED SILICONE EARBUD COVERINGS), if you switch the earset from one ear to the other (left to right or vice versa) you will need to replace the earbud covering with the one indicated for that ear. Simply follow the above instructions for removing and installing the earbud covering (SILICONE EARBUD COVERINGS STEPS 5A-C).



## CLOTHING CLIP

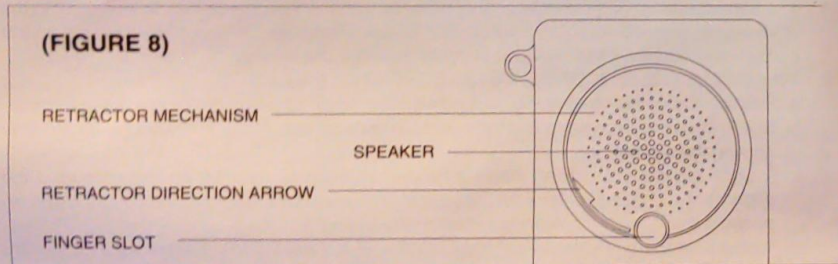
Your Audissey Earphone comes with a convenient clothing clip. When used, it will eliminate tugs and pulls to the earpiece. It should be used if you plan on moving around a great deal. Attach the clip to the cord, and then clip it to a part of your clothing. Leave enough slack between the clip (where it is attached) and the earpiece to allow for head movement (full left and right turning). This slack will reduce tugging on the earpiece.

## TO SECURE THE EARSET TO YOUR EAR

1. Insert the earset with the microphone pointing toward your shoulder. Note: the securing curve (wave) should be positioned under the antihelix of your ear (see FIGURE 7). The antihelix is the curved fold in your ear that forms a ridge directly above the ear hole canal.
2. With the unit gently pressed, rotate the earset so that the boom microphone swings from pointing at your shoulder to pointing toward your mouth.
3. The securing curve rotates under the antihelix and becomes more secure as you reach the optimum location (microphone pointing at the mouth.)  
The earbud covering was designed to utilize the ear itself as an anchor for securing the earset and still remain comfortable.

The earset when properly installed will tolerate tugs on the cord but will dislodge if pulled with moderate force. The comfort of this ear piece will become apparent after using your new Audissey Earphone for a short while. The earbud covering is composed of a soft silicone substance that will eventually mold itself to your ear's shape and will practically become invisible to the user over a very short period of time. In order to produce "accurate" sound, the direction boom microphone must be pointing at your mouth.

## (FIGURE 8) RETRACTOR MECHANISM



## RETRACTABLE CORD

Your Audissey Earphone comes with a fifteen foot retractable cord that can be gently pulled from its spool mechanism to the desired length. This enables you to roam around your immediate area and have a 15 foot radius of mobility. Measure off the distance that you feel would be needed to cover your area (in your environment) and gently pull that amount of cord from the base unit. To rewind the cord into the spool, insert your finger into the finger slot and carefully wind the spool in a clockwise direction. Your Audissey Earphone has a holder (on the side of the base) that will secure the earset when not in use. Simply insert the microphone tip of the earpiece into the holder on the base.

## TONE/PULSE BUTTON

The TONE/PULSE button is located directly under the Retractor cover panel (above the keypad) and is used to change your dialing mode from TONE dialing to PULSE dialing. Your local phone company can answer any questions regarding which service is available for your use.

## OPERATION INSTRUCTIONS

To use your new Audissey Earphone: Follow instructions for securing the earset to your ear. (CUSTOM ADJUSTMENTS)

## TO MAKE A CALL

1. Press the ON/OFF button, you will hear a dialtone.
2. Dial the number you wish to call
3. When party answers the phone, begin conversation in a normal speaking voice.
4. If the remote party has difficulty hearing you (or you have difficulty hearing them), adjust the transmit and/or receive volume controls (on the front of the base) to make the adjustments necessary. (Due to the earset's design, you may have a tendency to speak too loudly during your conversations. The transmit level volume control, when set all the way to the left, will give you standard telephone volume. If you want your voice to transmit louder, move the slide control to the right. Experiment until you find the desired speaking volume that you and your calling party are comfortable with.) (figure 1)

## TO ANSWER A CALL

1. When the phone rings, insert the earset into your ear (following the above instructions) and then press the ON/OFF button.
2. Begin your conversation.

## OPERATING INSTRUCTIONS with SPEAKER PHONE

The convenience of a one touch speaker phone capability adds another dimension to this unique telephone. For completely hands free telephone conversations you may answer calls simply by pressing the SP. PHONE button and begin speaking in a normal voice toward the unit. If you decide to converse using the earset only, secure it to your ear, while conversing, then press the ON/OFF button to engage the earset. Press the SP. PHONE button to disengage the Speaker portion of the phone.

## OPERATING WITH AN AUTO DIALER OR COMPUTER

This telephone is equipped with dual (parallel) RJ-11 jacks which enables an "in line" connection with an auto dialer mechanism (like electronic Rolodex) or with a computer (which has a telephone modem and dialing software like "Lotus Organizer") Figure 4 illustrates the easy wiring diagram necessary to connect these accessory options. To operate your Audissey phone using accessory dialers:

1. Use the accessory dialer to choose the number you wish to dial.
2. Execute the accessory's instructions (utilizing the internal modem of the accessory.)



- When connection is secured (you will hear the usual phone ringing sound), press the ON/Off button (for earset conversing), or the SP. PHONE button (for speaker phone conversing), then disconnect the accessory. Note: if the accessory is not disconnected prior to your conversation, the internal modem will "echo" both your voice and your calling party's. Disconnecting the accessory does NOT disconnect the call because once a connection is made, the parallel jack "holds" the call for your telephone (when you press the ON/OFF or SP. PHONE button.)
- Upon completion of your call simply hang up by pressing either the ON/OFF button or the SP. PHONE button (earset or speaker.)

## ON/OFF BUTTON (FIGURE 1)

The ON/OFF button facilitates gaining access to your line similar to removing the handset from a normal telephone. By picking up the handset on a normal phone, the "HOOK SWITCH" becomes activated (you will hear a dial tone or your calling party.) The same thing is accomplished by pressing the ON/OFF button on your Audissey phone. To hang up after a phone call, press the ON/OFF button when you are finished with your conversation.

## REDIAL BUTTON (FIGURE 1)

The REDIAL button enables you to call the last number that was called or a number that is busy. To use REDIAL, press the ON/OFF button, listen for the dial tone, press the REDIAL button, and hear the number being automatically dialed.

## MUTE BUTTON (FIGURE 1)

The MUTE button enables you to mute the microphone on the earset. This removes the calling party from the sound circuit so you may converse with someone in the room. The calling party will hear silence when muted. You will however be able to hear the calling party speaking. This feature is similar to a HOLD but rather than both you and the calling party being "muted", the MUTE button only mutes your voice to the calling party. When you wish to re-connect with the caller, press the mute button and your voice will be audible.

## SP. PHONE BUTTON (FIGURE 1)

The SP. PHONE (speaker phone) button enables you to utilize the telephone by a one touch operation. By pressing the SP. PHONE button, the telephone's speaker is activated and you will hear either hear a dial tone or the party who is calling. You may carry on a normal conversation by speaking in a normal voice in the direction of the phone. To engage the earset, secure it to your ear and press the ON/OFF button, then press the SP. PHONE button and the speaker will become de-activated.

## RECEIVE VOLUME CONTROL (FIGURE 1)

The RECEIVE VOLUME slide control (front of the telephone) enables you to adjust the volume of the sound which you hear through the ear piece (or the SPEAKER). This feature is important where loud background noises may require higher levels of sound to hear and understand.

## TRANSMIT VOLUME CONTROL (FIGURE 1)

The TRANSMIT VOLUME slide control (front of the telephone) enables the sound level that your caller hears to be increased (or decreased). This feature is important because there may times when confidential conversations might require lower volume, but with the TRANSMIT VOLUME control, the remote party will be able to hear you even in a whisper.

## SPEAKER PHONE VOLUME CONTROL

The SPEAKER PHONE volume is controlled by the RECEIVE VOLUME control. If adjustment are necessary move the control to the desire position (while in the SP. PHONE) mode.

## RING SELECTOR (FIGURE 2)

The RING SELECTOR (on the side of the telephone) has three positions: high, low and off. Choose the position you wish by moving the selector.

## PRODUCT CARE

To keep up the appearance of your Bell Atlantic Audissey phone, follow these simple instructions:

KEEP IT AWAY from heating appliances and devices that generate electrical noise (motors, fluorescent lamps etc.)

DO NOT EXPOSE your phone to direct sunlight.

DO NOT DROP the base or base unit otherwise treat it roughly

TO CLEAN use a Clean soft cloth dampened with water (unplug your phone from the wall outlet.)

NEVER use strong cleaning agents or abrasive powders, this will damage the finish of your phone.

Important suggestion: retain all original packaging and instructions in case you need to ship the phone at a later date.

## TROUBLE SHOOTING

### PROBLEM

No dial tone

Ear piece doesn't fit

Remote party can't hear

Volume too low

Volume too high

### CAUSE AND SOLUTION

check line connections, make sure modular plugs are snug in both wall and phone jack

check the markings on the silicon earpiece cover to make sure that you have the correct one for your ear (left/right)

increase the transmit volume by moving the slide control to the right to increase sound output

if you have difficulty hearing, increase the receive volume control by moving the slide control to the right

move the receive volume control slide to the left to decrease sound level



## SERVICE

Important suggestion: for your own protection, retain your original sales receipt indicating the date and place where you purchased this product. Also, as previously suggested, retain all packing materials in case you should need to ship your unit for servicing. This product is covered by a **TWO YEAR LIMITED WARRANTY** (detailed below) and a Bell Atlantic Service **HOTLINE** is provided to aid you in determining what action you should take. Feel free to call during the hours of 9:00 am till 5:00 pm (Eastern) at 800-886-9394.

## BELL ATLANTIC CHAMPION PRODUCTS LIMITED WARRANTY

**BELL ATLANTIC CHAMPION PRODUCTS** warrants this unit to be free from defects in material and/or workmanship for a 2-year period beginning with the date of purchase. This warranty does not cover second-hand ownership or products that are purchased for sale or lease to another. This warranty does not cover damage resulting from acts of God, lightning, accident, misuse, improper installation or operation, or unauthorized repair or alteration.

If this unit should become defective within the first 30 days from purchase, return it to the retailer where obtained (with all of the original packing materials and parts) for an over-the-counter exchange. If this unit becomes defective after the first 30 days but within two years of purchase, we will repair it or, at our option replace it with a comparable unit (for a \$10.00 shipping and handling charge.) If we repair your unit, we may use reconditioned parts. If we decide to replace it, we may replace it with a new or reconditioned one of the same or similar style. The replacement unit will be warranted for a period of 90 days or the remainder of the original two year period, whichever is longer.

To obtain warranty service on your **BELL ATLANTIC CHAMPION PRODUCT**, you must provide proof of date of purchase. We strongly recommend that you keep your sales receipt and all of the packing materials in order to take advantage of your product's limited warranty. Include all cables and owners manual when returning to authorized service center (listed below.) Do not forget to include your name and return address (print please), a brief description of the defect, \$10.00 check (shipping and handling), and a copy of your sales receipt.

**BELL ATLANTIC** does not warrant that this unit is compatible with the type of equipment of any particular telephone company or services provided by it. There are not express warranties except as listed above. Bell Atlantic will not be liable for incidental or consequential damages resulting from the use of this product, or resulting from misuse contrary to this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you. This warranty gives you specific and legal rights and you may also have other rights which vary from state to state.

Please use the shipping address below for the authorized Warranty Service Center:

GLOBE TEL.  
395 ATLANTIC AVE.  
EAST, ROCKAWAY, NY 11518  
1-800-886-9394

## WARRANTY EXCLUSIONS

This Warranty applies only to defects in factory material and workmanship. Any condition caused by accident, abuse, misuse due to improper care or otherwise not complying with the attached instructions furnished by Globe Tel is not covered by this Warranty. Any alteration or improper electrical voltages or any repairs not rendered by an authorized service center, is not a "defect" and is also not covered by this Warranty. If after examination any of the above exclusions are determined, you may be charged for materials and handling (even during the Warranty period.)

It is the owners responsibility to operate and care for this product in accordance with the operating instructions. Any repairs resulting from the failure to do so, is not covered by this Warranty.

Below is a listing of those parts not covered by the Warranty, due to normal wear and tear in normal usage:

Silicon Earbud Cover  
Earset cord  
Connectors and Cords  
Switches  
Finishes

## FCC REGISTRATION AND REPAIR INFORMATION

Your new Bell Atlantic product has been registered with the Federal Communications Commission (FCC). This product complies with the standards in Part 68 of the FCC Rules. The FCC requires us to provide you with the following information:

1. Connection and use with the nationwide telephone network: The FCC requires that you connect your product to the nationwide network through a modular telephone outlet or jack. The modular outlet or jack to which the telephone must be connected is a USOC RJ-11 or RJ-11W. This product may not be used with Party Line Service or with Coin Telephone lines.
2. Notification to the telephone company: The FCC requires that upon request of your local telephone company, you provide the following information:
  - a. The "line" to which you will connect the telephone equipment (that is, your phone number), and
  - b. The Telephone Equipment FCC registration number and ringer equivalence number (REN). These number are on the back or bottom of your telephone equipment. The REN is useful to determine how many devices you may connect to your telephone line and still have them ring when your telephone line is called. In most but not all areas, the sum of all REN's should be 5 or less. You may want to contact your local telephone company.
3. Repair instructions: If it is determined that your telephone equipment is malfunctioning, the FCC requires that it not be used and that it be unplugged from the modular outlet until the problem has been corrected. Repairs to this telephone equipment can be made only by the manufacturer or its authorized agent or by others who may be authorized by the FCC. For repair procedures, follow the instructions outlined under the Bell Atlantic Limited Warranty.
4. Rights of the Telephone Company: If your product is causing harm to the telephone network, the telephone company may temporarily interrupt your telephone service. If possible, they'll notify you before they interrupt service. If advance notice isn't practical, you'll be notified as soon as possible. You will be given the opportunity to correct the problem, and you will be informed of your right to file a complaint with the FCC.
5. The telephone is compatible with inductively coupled hearing aids.



# NECESSARY EXCLUSIONS

The following exclusions apply to the contract. The contractor shall not be held responsible for any work excluded from the contract. The contractor shall not be held responsible for any work excluded from the contract. The contractor shall not be held responsible for any work excluded from the contract.

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# NOTIFICATION OF DISCONTINUATION

The contractor shall notify the owner in writing of any discontinuation of work. The contractor shall notify the owner in writing of any discontinuation of work. The contractor shall notify the owner in writing of any discontinuation of work.

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