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www.gnnetcom.com

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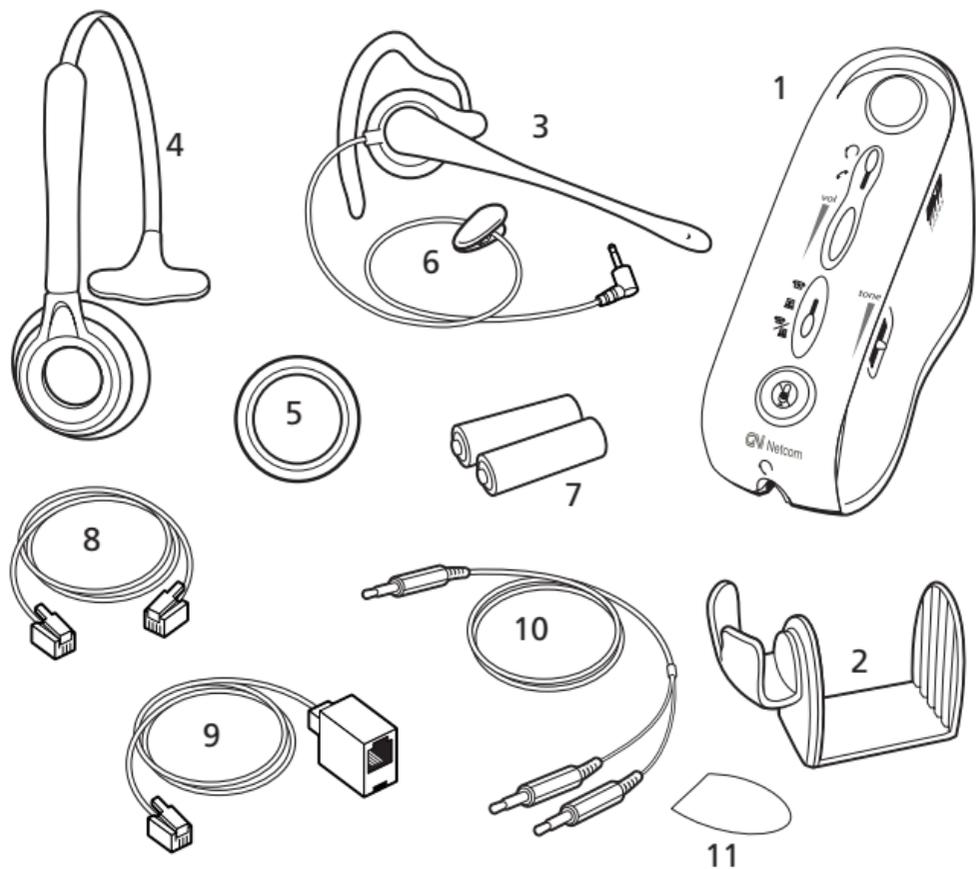


GN 4150 | amplified headset
Hands-free ease for virtually any phone and PC

User Guide

Components

1. Amplifier
2. Headset Holder
3. Headset with Earwrap Wearing Style
4. Headband with Leatherette Ear Cushion
5. Foam Ear Cushion
6. Clothing Clip
7. 2 AA Batteries
8. Telephone Cord
9. Handset Cord Extension
10. PC Audio Cable
11. Dual Lock™

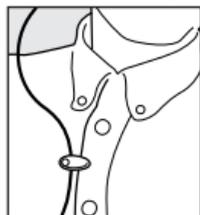


Earwrap Use & Wearing

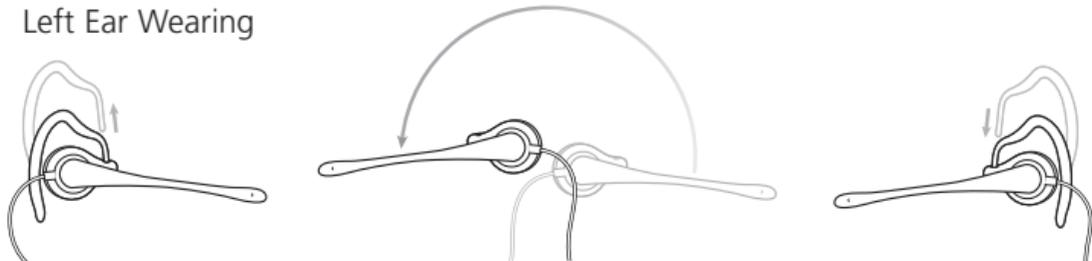
Proper Positioning



Attach Clothing Clip

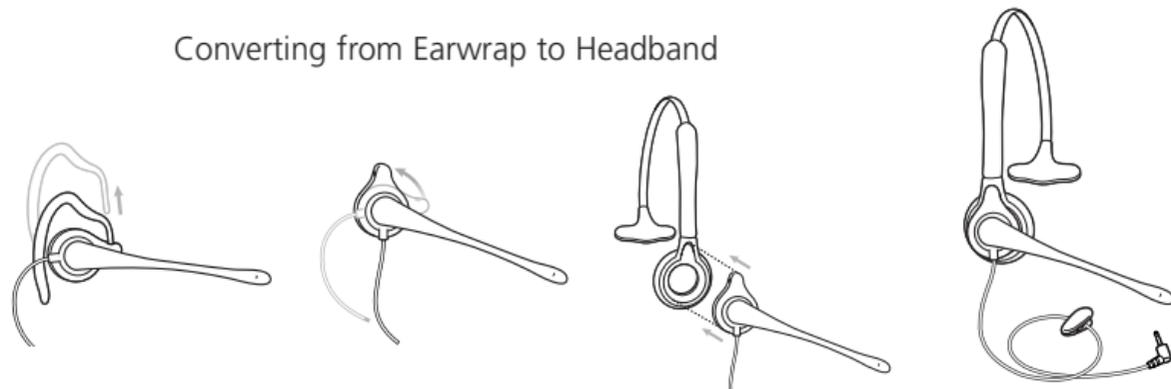


Left Ear Wearing

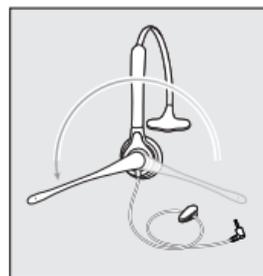


Headband Use & Wearing

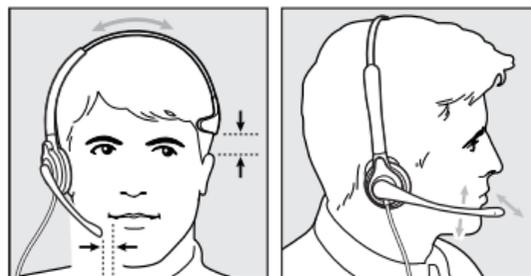
Converting from Earwrap to Headband



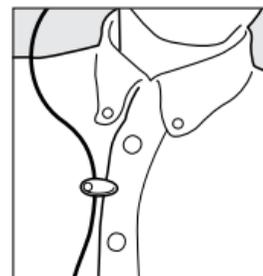
Left Ear Wearing



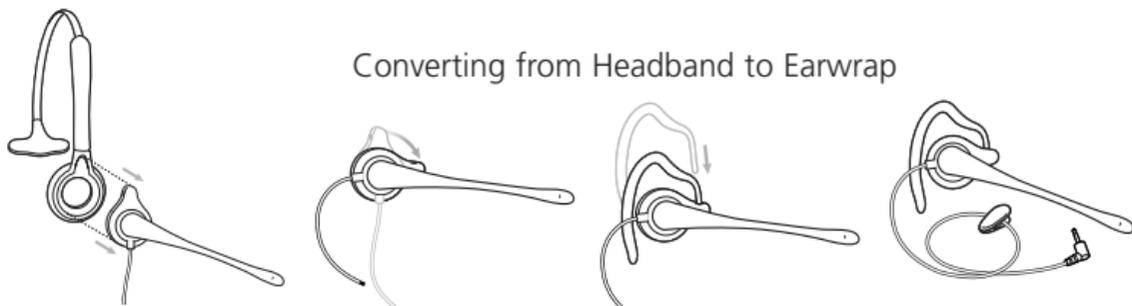
Proper Positioning

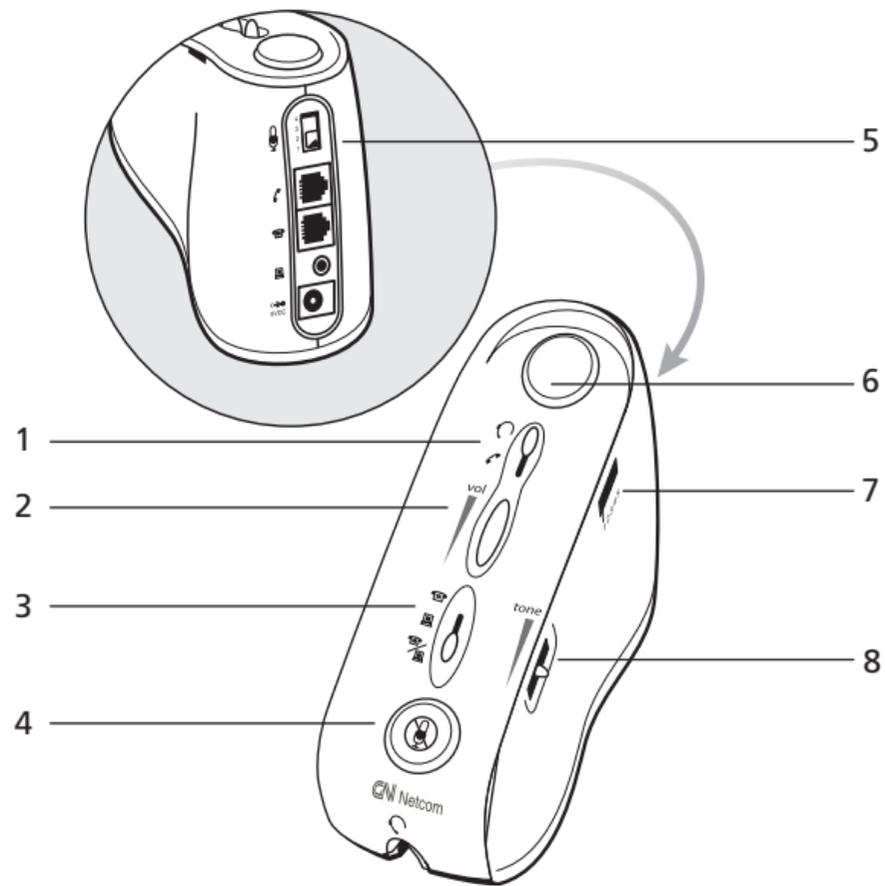


Attach Clothing Clip



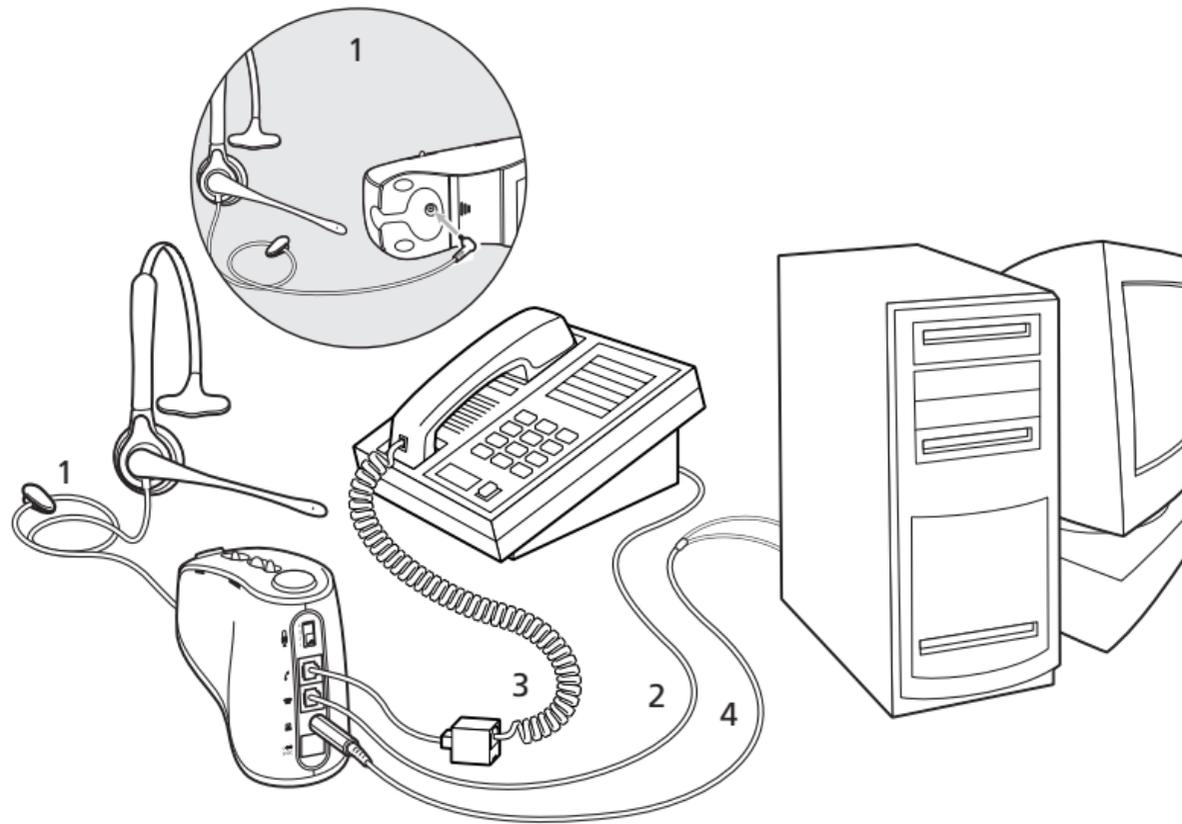
Converting from Headband to Earwrap





Amplifier Functions

1. **Headset/Handset Selector:** Top position for Headset use, bottom position for Handset use.
2. **Speaker Volume Wheel:** Adjusts the volume of the sound you hear through the headset.
3. **Telephone/Computer Selector:** Top position for Telephone use, middle position for PC use, bottom position for simultaneous PC and Telephone use.
4. **Mute Button:** Press (button down) to activate Mute and disable the microphone, press again (button up) to enable microphone; Online Indicator blinks rapidly when Mute is on.
5. **Microphone Volume Selector:** Four position switch adjusts the volume of your voice through the microphone (1 is softest, 4 is loudest).
6. **Online Indicator:** Blinks slowly when you are on a call.
7. **Telephone Compatibility Selector:** Fine tunes the amplifier to your telephone system.
8. **Bass/Treble Tone Control:** Adjusts the tone of the other party's voice to your preference.



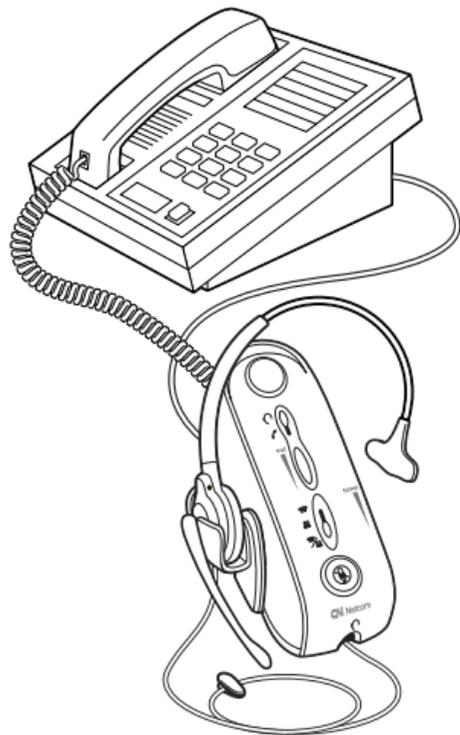
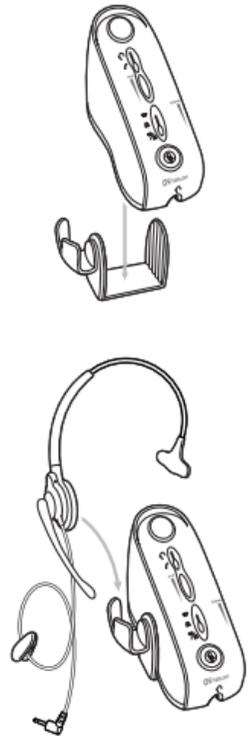
Connecting the System

1. Connect all Cords.
 1. Headset Cord
 2. Telephone Cord
 3. Handset Cord with Handset Cord Extension
 4. PC Audio Cable

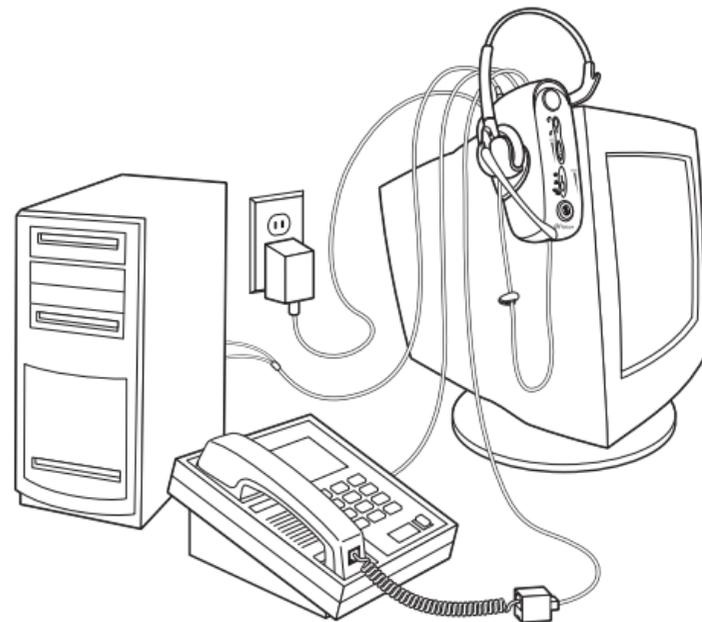
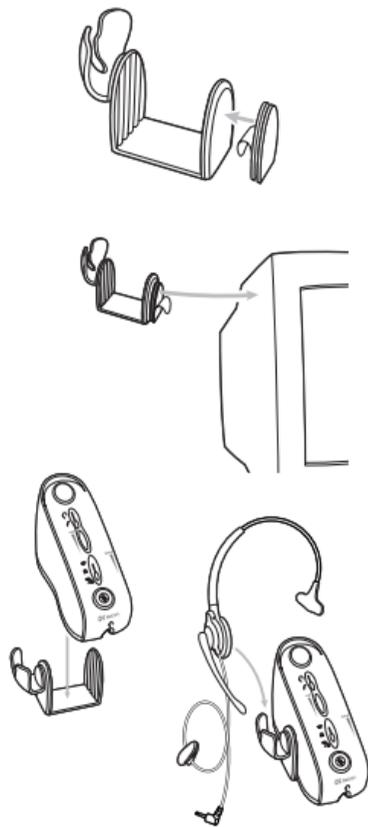
Plug the Telephone Cord into the vacated handset cord port on the telephone. The location of this port is different for each phone and is often on the underside of the phone.

Some phones must be programmed for headset use; refer to the instructions that came with the phone.

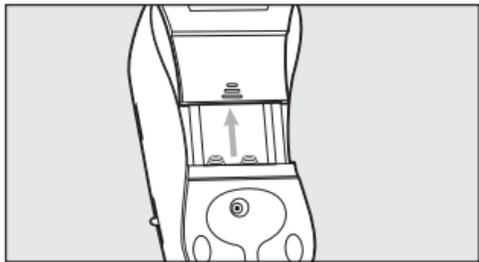
Standard Telephone Configuration



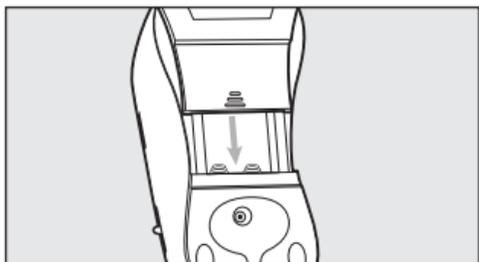
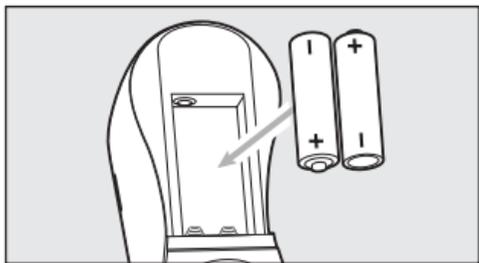
Telephone and Computer Configuration



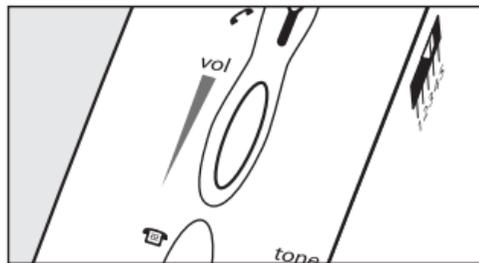
Setting Up



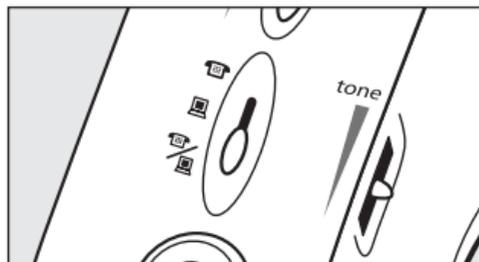
2. Install the 2 AA batteries at the bottom of the amplifier. You can also purchase an optional 9VDC @ 50ma AC Adapter, available at most electronics stores or through GN Netcom (Part No. 760-0050).



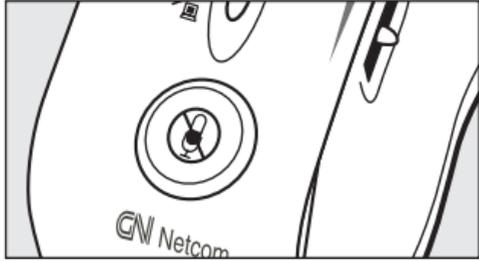
3. Put the Headset on and set the Headset/Handset Selector to Headset.



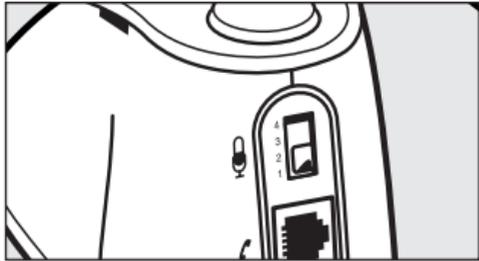
4. Position the Speaker Volume Wheel to mid-range.



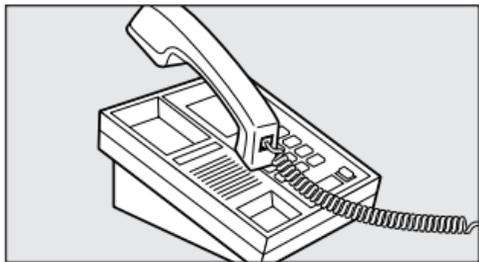
5. Set the Telephone/Computer Selector to Telephone (top position).



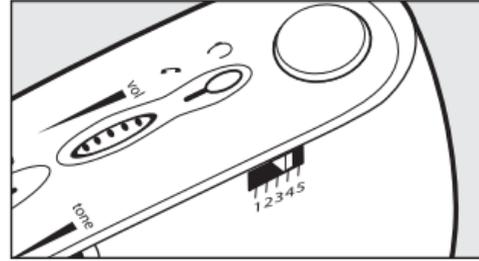
6. Set the Mute Button to Off (button in the up position).



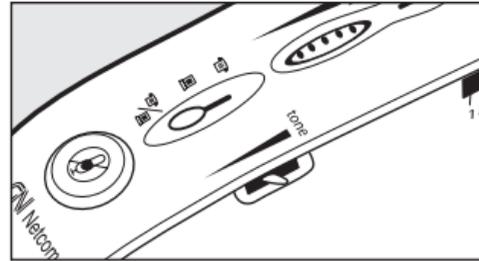
7. Set the Microphone Volume Selector to position 3.



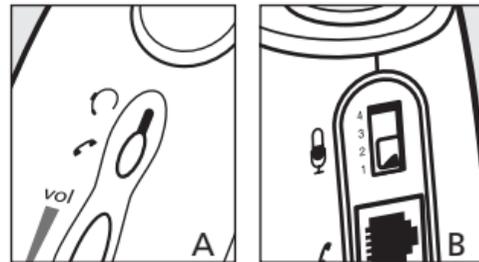
8. Lift the telephone handset and listen for clear dialtone in your headset.



9. If there is no dialtone, or if it isn't clear, try all of the Telephone Compatibility Selector positions until dialtone is clear.

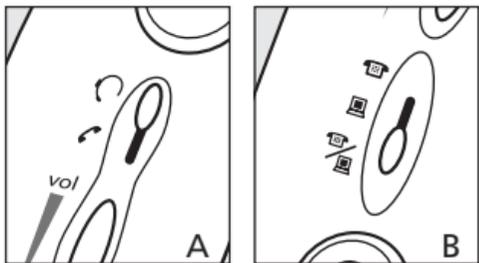


10. Set the Bass/Treble Tone Control to your preferred setting.

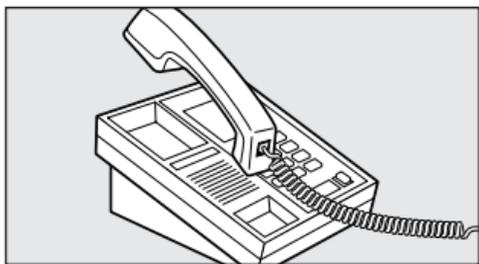


11. Make a call. Switch between the Headset (A) and the phone's handset while adjusting the Microphone Volume Selector (B) until your voice is the same volume on both devices.

Placing and Answering Calls with the Headset



1. Put the Headset on and position the amplifier to the Headset (A) and the Telephone (B) settings.



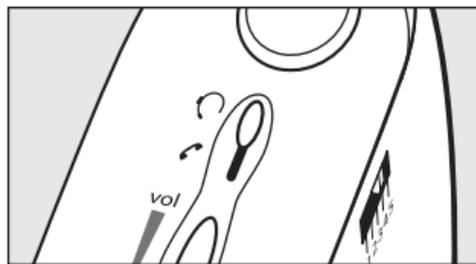
2. Lift the handset from the telephone cradle to place or answer a call. To end the call, replace the handset in the telephone cradle.



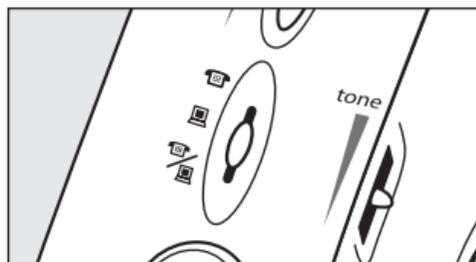
3. Use the Mute Button to temporarily turn off the transmission of your voice while on a call.

PC Audio Use

When using your computer as the audio connection for your headset, both the microphone and speaker will be connected to your computer through the computer's sound card. (See Telephone and Computer Configuration on page 11.)



1. Put the Headset on and position the amplifier to the Headset mode.



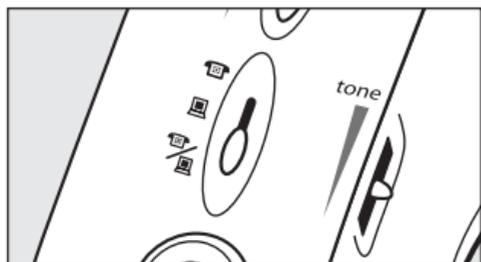
2. Position the Telephone/Computer Selector to the Computer (middle position).

Simultaneous Telephone & Computer Use

Your GN 4150 amplifier is capable of delivering simultaneous audio across your phone, computer and headset. Audio from your computer can be played across your phone conversation or you can play your phone conversation into the computer for recording. (See Telephone and Computer Configuration on page 11.)



1. Put the Headset on and position the amplifier to the Headset mode.



2. Position the Telephone/Computer Selector to the Phone/Computer (bottom position).

Frequently Asked Questions

Do I need to lift the handset to make calls?

Some telephones allow on-hook dialing; refer to your telephone user guide for instructions. For phones that do not allow on-hook dialing, you will need to lift your handset for calls.

Why can't I hear a dial tone through my headset?

You may have selected a telephone switch type that does not correspond to your telephone. Try selecting another Telephone Compatibility setting (numbers 1-6 on the side of the amplifier).

Make sure you have inserted both the Telephone Cord and the Headset Cord into the appropriate ports.

Why did my amplified headset system stop working?

Your batteries may be low; replace the 2 AA batteries. You can also purchase an optional 9VDC @ 50ma AC Adapter, available at most electronics stores or through GN Netcom (Part No. 760-0050).

FCC Notice to Users

Upon request only, you must notify your telephone utility company (telco) of your intention to install or permanently remove an FCC Part 68 registered device or system. Include the FCC Registration Number and the Ringer Equivalence Number (REN) located on the amplifier label. The telco has the right to make changes to their network, which may affect the operation of your equipment, provided you are given adequate advance written notice to permit correct operation.

Industry Canada Notice to Users:

The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Resource Document(s). The department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas. Caution: Users should NOT attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTICE: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the ringer equivalence numbers of all the devices does not exceed 5.

Limited Warranty

GN Netcom, Inc. warrants to the original consumer purchaser that, except for the limitations and exclusions set forth below, the product shall be free from defects in materials and workmanship for a period of one (1) year from the date of original retail purchase ("Warranty Period"). The obligation of GN Netcom, Inc. under this warranty shall be limited to repair or replacement, at GN Netcom, Inc.'s option, without charge, of any part or unit that proves to be defective in material or workmanship during the Warranty Period, provided the product is returned to GN Netcom, Inc. at the address listed under "How to Obtain Warranty Repairs." Except as modified by applicable State Law, this warranty sets forth the extent and limit of GN Netcom, Inc.'s obligation to the purchaser and or user of the product.

Exclusions from Warranty

This warranty applies only to defective factory material and factory workmanship.

Any conditions caused by accident, abuse, misuse or improper operation in violation of instructions furnished by GN Netcom, Inc., destruction or alteration, improper electrical voltages or currents, or repair or maintenance attempted by anyone other than GN Netcom, Inc., is not a “defect” covered by this Warranty. In such cases, GN Netcom, Inc. may charge you for materials and labor, even during the Warranty Period. It is the owner’s responsibility to operate and care for this product in accordance with the operating instructions and specifications supplied with the product; and repairs resulting from failure to do so are not covered by the Warranty.

The following parts are considered to be subject to wear and tear in normal usage and are not covered by the Warranty: earhooks, decorative finishes and all foam products (earpads, microphone covers).

Implied Warranty

Under state law, you may be entitled to the benefit of certain implied warranties. These implied Warranties will continue in force only during the Warranty Period. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Incidental or Consequential Damages

Neither GN Netcom, Inc. nor your retail dealer or selling distributor has any responsibility for any incident or consequential damages including, without limitation, commercial loss, or for any incidental expenses, loss of time, or inconvenience. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Other Legal Rights

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

How to Obtain Warranty Repairs

To obtain Warranty repairs, return your unit, shipping prepaid, direct to:

GN Netcom, Inc.
77 Northeastern Blvd.
Nashua, NH 03062 USA

Please use the original container, if possible, or pack the unit in a sturdy carton with sufficient packing material to prevent shipping damage. Include the following information:

1. A copy of your purchase receipt indicating the model number and date of purchase.
2. Your return address.
3. Reason for return.

During the Warranty Period, shipping charges for return to you will be paid by GN Netcom, Inc. for a unit requiring any repair covered by the Warranty. Return shipping will be charged to the customer during the Warranty Period for a unit requiring no Warranty repair. These shipping charges will be prepaid by GN Netcom, Inc. and billed to the customer. Damage occurring during shipment is deemed the responsibility of the carrier, and any claim should be made directly to such carrier.