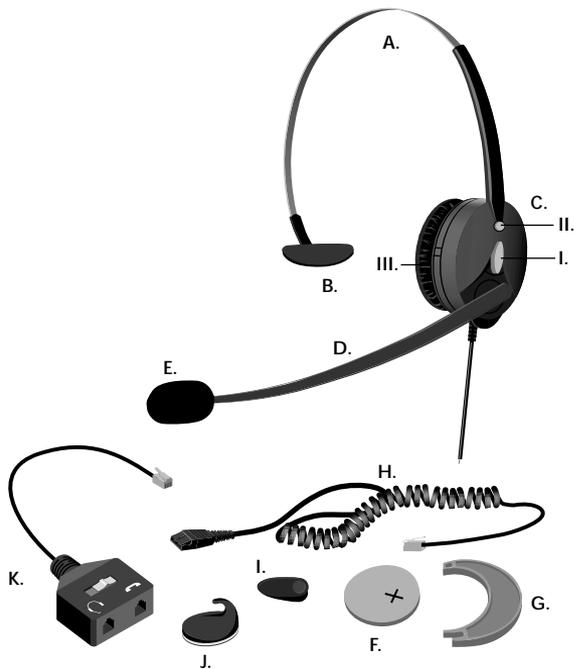


ACTIVA User Guide

GNI Netcom, Inc.

Components

Figure 1



- A. Adjustable Headband
- B. Stabilizer Cushion
- C. Receiver Housing
 - I. Volume Control
 - II. Mute Button
 - III. Ear Cushion Mounted on Earplate
- D. Flexible Microphone Boom
- E. Microphone with Foam Cover
- F. Battery
- G. Battery Adapter
- H. Quick Disconnect Coil Cord
- I. Clothing Clip
- J. Wall Hook
- K. Optional Activa Headset/Handset Switch

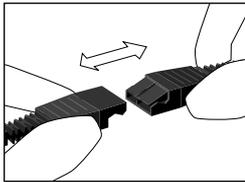


Figure 2

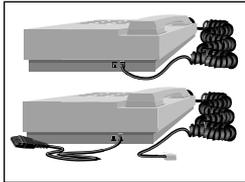


Figure 3



Figure 4

Connecting to your telephone

1. First, connect the headset cord to the Quick Disconnect coil cord. (Figure 2)
2. If your telephone has a socket for a headset connection, insert the modular plug at the end of the headset cord into the headset port on the telephone. If your telephone does not have a port for a headset connection, disconnect the handset cord from the telephone. Insert the modular plug at the end of the headset cord into the handset port. (Figure 3)
3. If you have purchased the optional headset/handset switch, install by following these steps: (Figure 4)
 - a. Connect the headset to the headset port on the switch.
 - b. Connect the cord from the handset to the handset port on the switch.
 - c. Connect the handset port on your telephone to the telephone port on the switch with the modular cord provided with the switch.
 - d. Select the headset or handset mode as needed.

Warning

The headset contains its own built-in amplifier circuit. Do not connect the headset to any headset amplifier. The headset is equipped with a GN Netcom quick disconnect for convenience only.



Figure 5

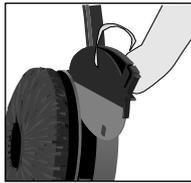


Figure 6



Figure 7

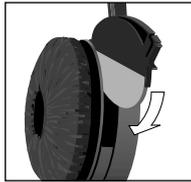


Figure 8

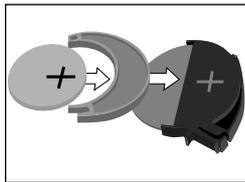


Figure 9

Inserting the battery

1. The battery chamber is located on the side of the receiver. To open the battery chamber, use your fingernail to pull the small flap up. (Figure 5)
2. When open, remove the chamber from the headset. (Figure 6)
3. Insert the battery in the chamber with plus (+) side of battery facing the plus (+) side of chamber. (Figure 7)
4. Put the battery chamber back into the headset. (Figure 8) When it is time to replace the battery, a warning signal will sound in your headset every 10 seconds.
5. The headset ships with high capacity 3032 batteries. A smaller 2032 battery can also be used. If using the alternate battery type, insert the enclosed blue battery adapter into the battery chamber. (Figure 9)

Note: Battery life varies with usage. The typical life of the 3032 battery is 600 hours. The typical life of the 2032 battery is 200 hours.

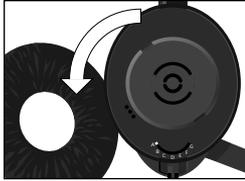


Figure 10

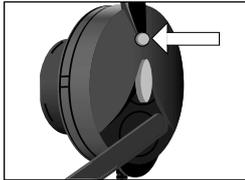


Figure 11



Figure 12



Figure 13

Set up

IMPORTANT: You must complete the following two steps before operation. You only need to follow these steps once for your phone. If, however, you use a different phone, you will need to repeat these steps.

Step 1: Adjusting to your telephone

1. To set up the headset to your telephone, you need to adjust the termination switch. To do so, remove the earplate and ear cushion from the receiver by turning the earplate 45° counter-clockwise. The telephone termination switch, marked A – G, is now visible. (Figure 10)
2. Press and hold the mute button on the outside of the receiver for 3 seconds. After 3 seconds you will hear a signal indicating the headset is now in set-up mode. (Figure 11)
3. Put the headset receiver to your ear. Lift the handset from the telephone and listen for a dial tone in your headset.
4. If you hear a dial tone, blow into the microphone. If you can hear the sound of your blowing, the setting is correct.
5. If there is no dial tone or you can not hear the sound of your blowing, move the switch through positions A-G until you can hear a dial tone and the sound of your blowing. Most phones will use Position A. (Figure 12)
6. Press the mute button on the outside of the receiver to exit the headset set-up mode. (if you forget, the headset will automatically exit the set-up mode after 10 seconds). A signal will indicate that you are exiting set-up mode. If the headset exits set-up mode before you have found the correct setting, you need to enter set-up mode again as described above. (Figure 11)
7. Put the earplate back in place by mounting it at a 45° angle to the right. Then press the earplate down and turn it clockwise. (Figure 13)

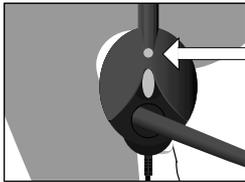


Figure 14

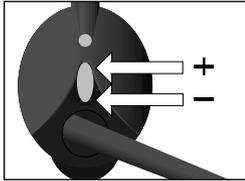


Figure 15

Step 2: Adjusting the microphone sound level

The microphone sound level must be set according to your model of telephone for the party on the other end to hear you clearly. This typically only needs to be adjusted once during set-up.

1. Put on the headset. Call someone and ask for help adjusting the sound level of your microphone.
2. Press and hold mute button for 3 seconds to enter set-up mode. You will hear a signal when the headset is in the set-up mode. (Figure 14)
3. Increase or decrease microphone volume by pressing the upper (+) or lower (-) part of the oval volume control button until the other person hears you clearly. You will hear a signal each time you adjust the volume. When you reach the maximum and minimum sound levels, you will also hear a signal. (Figure 15)
4. Press the mute button again to exit the set-up mode. If you forget, the headset will automatically exit the set-up mode after 10 seconds. (Figure 14)

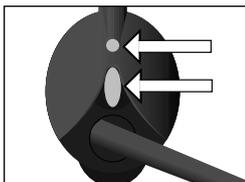


Figure 16

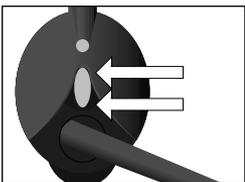


Figure 17

Using the Headset

After you have completed Steps 1 and 2 above, you are now ready to use your headset.

Answering and Making calls

1. To answer or make a call, put on the headset, remove the handset from its cradle, and press the mute or the volume button.
2. To end a call, replace the handset in its cradle.

IMPORTANT: Activating the battery from power save mode

1. To save battery power, your headset is designed to reduce power consumption when the headset is not in use. If your headset has gone for 3 minutes without use, it will automatically go from full power or “active” mode to “stand-by” mode. It will stay in stand-by mode for 30 minutes. If the unit is not reactivated within the 30 minute period, it will automatically drop to “sleep” mode (a further power reduction from the stand-by mode)
2. A dial tone or sound on the telephone line will automatically reactivate from stand-by mode. To manually reactivate from stand-by mode, or to reactivate from the sleep mode, press the mute or volume buttons. (Figure 16)

Adjusting the receive volume

1. To turn the headset sound volume up or down, press the upper (+) or lower (-) part of the oval volume control button until you find the desired level. When you reach the maximum or minimum sound levels, you will hear a signal. (Figure 17)

Muting the microphone

1. To talk without the other party hearing you, press the mute button on the outside of the receiver. When the microphone is muted, you will hear a signal every 3 seconds. When the mute function is on, you can still hear the other party.

AVS (Advanced Voice Shaping)

1. AVS enhances sound when calls are difficult to hear because of background noise. With AVS, you optimize the sound of the other person's voice. To activate, simultaneously press on the upper and lower part of the volume button. You will hear a signal when AVS is activated and deactivated. To cancel the setting, just press the volume button again in the same manner. (Figure 17)

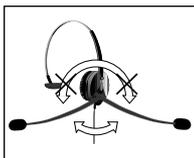


Figure 18



Figure 19



Figure 20

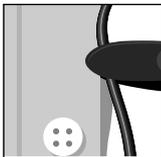


Figure 21

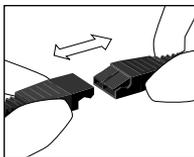


Figure 22

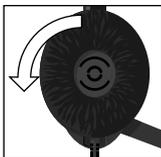


Figure 23

Adjusting for your comfort

1. You can wear the headset on your right or left ear, whichever side you prefer. To switch sides, simply rotate the microphone boom below the headband. Note: Do not force the boom over the top of the headset. (Figure 18)
2. Adjust the length of the headband so the headset rests comfortably on your head. (Figure 19) The stabilizer cushion should be placed just above the ear on the side of your head opposite the speaker.
3. Adjust the flexible microphone boom so the microphone is positioned approximately $\frac{1}{2}$ " (12 mm) from your mouth. (Figure 20)
4. To relieve the weight of the cord, attach the clip to your shirt or jacket. (Figure 21)
5. The Quick Disconnect allows you to be mobile without removing your headset. Disconnecting at the Quick Disconnect during a telephone call puts your call on hold and allows you to move away from the phone. When you reconnect, you are back to your call. (Figure 22)
6. To clean or change the microphone cushion, just pull it off gently.
7. To change or clean the ear cushion, first remove the earplate and ear cushion by turning the earplate 45° counter-clockwise. Once removed, the ear cushion can be taken off the earplate. (Figure 23)

Troubleshooting

The headset beeps every 10 seconds:

- Replace the battery.

People have a hard time hearing me:

- Adjust the microphone positioning (refer to page 8, number 3).
- Increase the microphone sound level (refer to page 6).

The noise-canceling does not seem to be working:

- Adjust the microphone positioning (refer to page 8, number 3).

The headset seems to turn off during a conversation:

- The headset has a feature that turns down the receive sound when no one is speaking. The headset automatically turns on when someone begins to speak.

I cannot hear the other person:

- Adjust the receive volume (refer to page 7, “Adjusting the receive volume”).

The headset won't seem to wake up:

- On some quiet phone systems, the headset may not exit stand by mode automatically. Press the volume button to wake up the headset. (refer to page 7, “Answering and Making calls”).

If you are still having trouble, please call Customer Service at 1-800-826-4656 for assistance.

Cautionary Notes to Computer Users

When using any headset with a computer, care should be taken in dry or low humidity environments to protect the user from electrostatic discharge from the monitor (CRT). Computer monitors can induce a substantial electrostatic charge when turned on or off, or when there is a power failure, and the resulting electrostatic discharge can be passed through the headset to ground.

A user in close proximity to or touching the computer may feel a common “shock” sensation, similar to touching a doorknob after walking across a carpet, causing no harm to the user. This discharge is entirely due to the computer monitor; the headset is merely the shortest path to ground.

To minimize the possibility of electrostatic discharge through the headset, you can:

- Use a grounded screen in front of the monitor.
- Use static dissipative wrist straps.
- Increase the relative humidity in the room to 60% or more.
- Install static dissipative carpets or floor coverings (anti-static sprays can be helpful).
- Remove the headset before turning the computer on or off.

Headsets in this user guide meet all OSHA, UL, FCC and CSA standards.

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.

This device complies with part 15 of the FCC Rules and ICES-003 Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

IC Notice to Users

The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirement 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.

Warranty

GN Netcom, Inc. warrants these products against all defects in material and workmanship for a period of two years from the date of original purchase. The conditions of this warranty and our responsibilities under this warranty are as follows:

- The warranty is limited to the original purchaser.
- The warranty is void if the serial number, date code label or product label is removed, or if the product has been subject to physical abuse, improper installation, modification, or repair by unauthorized third parties.
- The responsibility of GN Netcom, Inc. under this warranty shall be limited to the repair or replacement of the product at the sole discretion of GN Netcom, Inc.
- Any implied warranty on GN Netcom, Inc. products is limited to two years from the date of purchase on all parts, including the cords and connectors. Specifically exempt from warranty are limited-life consumable components subject to normal wear and tear, such as microphone windscreens, ear cushions, ear tips, decorative finishes, batteries, and other accessories. GN Netcom, Inc. is not liable for any incidental or consequential damages arising from the use or misuse of any GN Netcom, Inc. product.
- A copy of your receipt or other proof of purchase is required. Without proof of purchase, your warranty is defined as beginning on the date of manufacture as labeled on the product.
- This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Unless otherwise instructed in the User Guide, the user may not, under any circumstances, attempt any service, adjustments or repairs on this unit, whether in or out of warranty. It must be returned to the factory or authorized service agency for all such work.

To Obtain Service

For customer service and technical support, call GN Netcom, Inc. at 1-800-826-4656.

If it becomes necessary to send a unit in for repair, it is not necessary to call for a Return Material Authorization (RMA) number, as one will be assigned upon receipt of the package at the factory.

Ship the product in a suitable shipping container, fully insured and with the shipping charges prepaid. Include the following with the product:

- Your name, company name, address and telephone number.
- A description of the problem.
- A copy of the receipt or other proof of purchase (without proof of purchase, your warranty will be defined as beginning on the date of manufacture as labeled on the product).
Or, for out of warranty products:
 - A purchase order which authorizes repair.

In warranty products are warranted for one year from the repair date or for the remainder of the original warranty period, whichever is longer. Out of warranty products will be repaired or replaced at the prevailing charge and carry a one year warranty from repair date.

GN Netcom, Inc. will not assume any responsibility for any loss or damage incurred in shipping. Any repair work on GN Netcom, Inc. products by unauthorized third parties voids any existing GN Netcom, Inc. warranty.

Ship To:

GN Netcom, Inc. • 77 Northeastern Boulevard • Nashua, NH 03062 • 1-800-826-4656

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