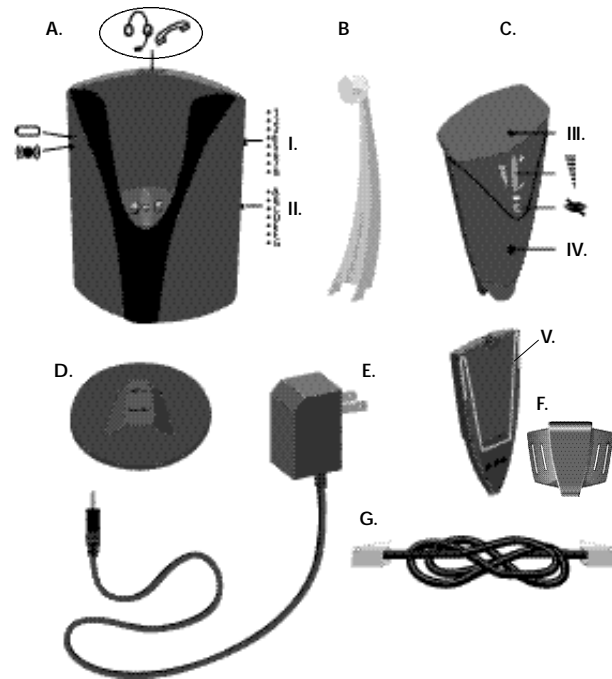




ELLIPSE **User Guide**

GNI Netcom, Inc.

Components



- A. Base Unit
 - Headset/Handset Selector
 - I. Transmit Adjustment
 - II. Telephone Compatibility Adjustment
 - III. On-line Indicator
 - IV. Battery Recharging Indicator
- B. Headset Stand
- C. Remote Unit
 - III. On-line Indicator
 - IV. Volume Control Button
 - V. Mute Button
 - VI. Hook Switch Activation Button
- D. Base stand
- E. AC Power Adapter
- F. Remote Unit Battery and Belt Clip
 - V. Shirt Clip
- G. Modular Connector Cord

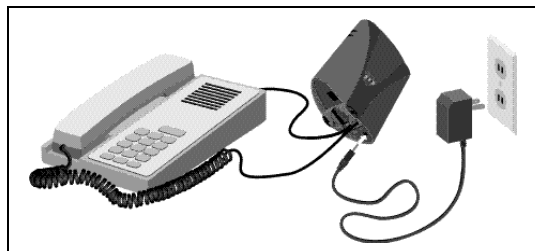


Figure 1

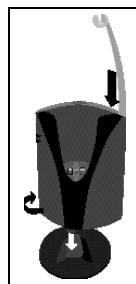


Figure 2

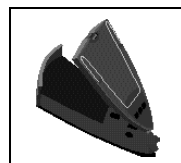






Figure 3



Figure 4

Assembling the base unit and connecting to the telephone

- 1) Disconnect handset cord from telephone and connect to port marked with the  icon at the bottom of base unit. Connect one end of modular connector cord to handset port and the other end to the bottom of base unit marked with icon . Connect the AC Power Adapter to the port marked with icon  at the bottom of base unit, and then to the power outlet. Turn on power (see Figure 1).
- 2) Mount base unit by aligning the tabs extending from the bottom of the base unit with the corresponding slots on the stand. Turn clockwise until secure. The 3 cords should extend from the back of the base unit. Align the center tab of the headset stand with the port on either side of the base unit. Slide the ends of the headset stand over until it locks into place (see Figure 2).
- 3) Align the tab at the bottom of the battery with the notch on the back of the remote unit. Push the battery flush against the remote until it clicks into place. (see Figure 3).
- 4) Connect headset to bottom of remote unit. Insert remote unit into base unit. Either side may be used. The battery charge indicator marked with icon  on base unit will light up. This will be referred to as the front of the base unit (see Figure 4). Fully charge remote for 3 hours before using.

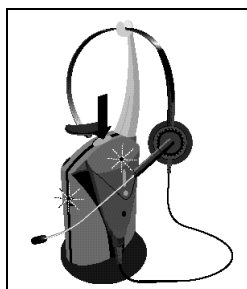


Figure 5

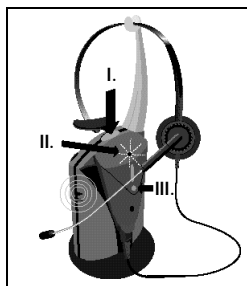


Figure 6

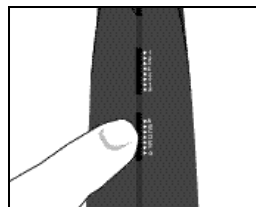


Figure 7

Checking the system

- 1) Put in headset mode by pressing the headset/handset selector on top of base unit (press only once). The on-line indicator marked with icon «●» on front of base unit will light up. After 5-45 seconds, the on-line indicator on the top of remote unit will start to flash (base unit searches for open transmission channel first time only). The system is now working. If the on-line indicator does not flash, recheck assembly (see Figure 5).

Charging the battery

The nickel-metal-hydride battery (NiMH) for the remote unit is not charged when delivered. To change, place remote unit with battery in base unit for at least 3 hours before making the adjustments below (see Figure 6).

- 2) I+II. Make sure the headset/handset selector marked with icon «●» on top of base unit is in the headset position. The switch is in headset position when the on-line indicator marked with icon «●» on the front of the base unit lights up and the on-line indicator on the top of the remote unit is flashing. If the lights are off, the switch is in handset position. Press the handset/headset button once to activate the headset.
- III. Make sure the mute function on the remote is off. If the mute is on, you will hear a double beep in your headset every 3 seconds. Turn off by pressing the mute button on the remote unit marked with icon «M» once.
- IV. If your telephone has volume control, set the volume to mid-range.

Setting telephone compatibility and transmit adjustments

Step 1: Adjusting to your telephone

- 1) Put your headset on, lift the handset from the telephone and listen for a dial tone in your headset.
- 2) If there is no dial tone, adjust the telephone compatibility switch marked A-G on the rear of base unit. Move from A to G until the dial tone is clear. If the dial tone is just as clear in position A as in G, leave switch in position A (see Figure 7).

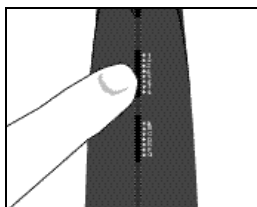



Figure 8

Step 2: Adjusting the transmit sound level

To adjust transmit (microphone) sound level, you must make a call.

- 1) Change from headset to handset position by pressing the headset/handset switch marked with icon  on top of base unit once. Call someone using your handset and ask for help evaluating the sound level of your voice. Adjust the switch marked 1-8 on the rear of the base unit as follows:

Adjust position from 1 to 8 (1 softest, 8 loudest) by first talking in the handset and then in the headset for each position. When the person hears no difference when you talk into the handset or headset, you have the correct setting. If the best setting is 7 or 8, move the A-G switch to position G (see Figure 8).

Telephone compatibility guide

For optimal performance the Ellipse must be adjusted to the telephone it is connected to. The table shows the setup with the adjustment of the 2 different setup functions.

Manufacturer	System	Phone Set	Phone Type
AT&T (Lucent)	Definity	7100, 7300, 7400, Series	Electret
	Merlin	BTN, BIS, & 7000 Series	Electret
	ISDN	6500, 7500 Series	Electret
	1A2	2500 Series	Carbon
	Merlin Legend	MLX Series	Electret
	Consumer Products	Traditional & Feature	Electret
Comdial	Executech, Impact	All Sets	Electret
Mitel	SX Series	All Supersets	Electret
NEC	Electra	D-Term Series 2, 3, E	Electret
Executone	Encore	All Sets	Carbon
ITT/Alcatel	501, 601	2500 & 2800 Series	Carbon
Toshiba	Strata SE & DK	EKT 2101-3102, 6010-6025	Carbon
Siemens Rolm		ETS Series	Carbon

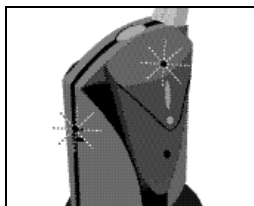


Figure 9

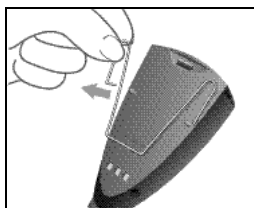


Figure 10

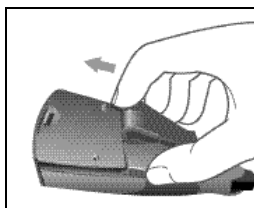


Figure 11

Using with a headset

- 1) Make sure the headset/handset switch on top of the base unit is in the headset position (see Figure 6, I + II). Put on headset, pick up handset, and answer the phone or make a call.
- 2) To end the call, put down handset.
- 3) When you answer or make a call using the headset, the on-line indicator on the base unit starts flashing. This means the base unit is communicating with the remote unit (see Figure 9).
- 4) To move away from your desk during the call, remove the remote unit from the base unit — and clip it to your belt or put in your pocket. You can now move freely up to 150 feet away from the base unit. If you move out of transmission range, Ellipse lets you know by means of a double beep in your headset every 10 seconds.

Using with a handset

- 1) Make sure the headset/handset switch on top of the base unit is in the handset position (see Figure 6, I + II).
- 2) Pick up handset to answer phone or make a call as usual.
- 3) To end call, put down the handset.

Using the pocket and belt clips

- 1) The remote unit ships with the pocket clip installed. To use, slide the wire clip behind the fabric of your pocket.
- 2) To use the belt clip, the wire pocket clip must be removed. While holding the remote face down, gently pull the wire clip from both sides (see Figure 10).
- 3) Slide the belt clip onto the back of the remote until it clicks into place (see Figure 11).

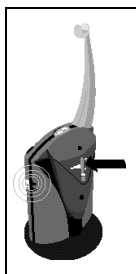


Figure 12

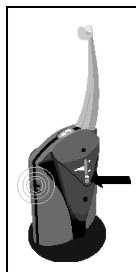


Figure 13

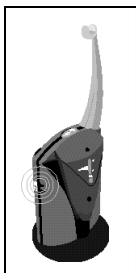




Figure 14


Adjusting the volume

To turn up or reduce the sound level in your headset, press successively on the volume control button +/- marked with the icon  on the front of the remote unit (see Figure 12).

Muting the microphone

To talk without the other party hearing you, press the mute button marked with the icon  on the front of the remote unit. When the microphone is muted, you will hear a double beep in your headset every 3 seconds. When the mute function is on, you can still hear the other party (see Figure 13).

Recharging the battery

To ensure optimum battery life, place the remote unit in the base unit when not in use. The recharging indicator on the base unit marked with the icon  automatically lights up while the battery is in the base. It takes 3 hours to fully recharge the battery. A fully charged battery provides 12 hours of talktime. If battery power gets too low, you'll hear a beep in your headset every 10 seconds (see Figure 14).

An optional second battery can charge in the base unit while the remote unit is in use, thus providing additional talktime. To replace the battery, depress the button on the back of the battery and pull.

Troubleshooting

- Buzzing may occur with some telephone models. Place the base unit and your telephone as far away from each other as possible.
- Avoid exposing to water and other liquids.

Accessories

- To prolong operating time from 12 to 24 hours, an additional battery can be purchased.
- An Ellipse hook switch device is available. The hook switch enables you to answer calls without returning to your desk to lift the handset from your telephone.

Batteries

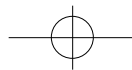
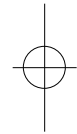
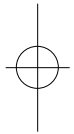
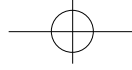
NiMH (nickel-metal-hydride), 3,6 V 500 mAh.

Capacity when fully charged and on-line: min. 12 hours continuous use, without recharging

Capacity when fully charged and off-line: min. 80 hours without recharging.

Recharging: max. 3 hours to completely recharge a discharged battery. The battery will recharge until fully charged. The battery cannot be overcharged.

The remote unit is equipped with a rechargeable NiMH battery (nickel-metal-hydride). If the battery is recharged when not in use, and never completely discharged, it should have a lifetime of about 2 years. Please dispose of batteries in an environmentally friendly manner.



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.

GN Netcom, Inc. headsets 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.

The user must place the base unit 2" (5 cm) or more from any personnel in order to comply with FCC RF exposure requirements.

Warranty

GN Netcom, Inc. warrants these products against all defects in material and workmanship for a period of one year 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 one year 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



77 Northeastern Blvd. • Nashua, NH 03062 USA
1-800-826-4656 • www.gnnnetcom.com

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