BT300 BLUETOOTH WIRELESS HEADSET

USERS MANUAL

(July 2002, Preliminary)

GN Netcom

BT 300 User Manual

BT300 Bluetooth Wireless Headset Introduction

The BT300 Headset is a lightweight "over the ear" wireless headset utilizing Bluetooth technology in the 2.4 GHz band for a short range (up to 10 meters) RF link. The headset contains a microphone and a receiver, and is intended for hands free communications with mobile telephones containing Bluetooth compatibility or any other device that has a Bluetooth Audio Gateway.

Headset power is provided by a rechargeable battery. The battery can be charged with a vehicular charge adapter or an AC charge adapter. Battery Life is approximately 4 hours {"Talk Time") and 100 hours standby ("Sniff") time

The headset has the following user operated controls (see Figure 1):

1. On/Off Switch---Press and hold to toggle state.

2. Function Button---This button is pushed for various lengths of time to initiate a call, hang up a call, pairing, transferring a call to a headset, and microphone mute.

3. Volume Rocker Switch---The upper portion of this switch is pushed momentarily to INCREASE the receive volume in steps and the lower portion of this switch is pushed momentarily to DECREASE the receive volume in steps.

The headset has the following visual indicator:

Green LED in center of the Function Button---LED flashes at various rates and durations to indicate Power ON/OFF, Charging, Search & Pairing, BT Link Established, Standby Mode, and Audio Link (on a call).

Red LED in center of the Function Button---LED flashes as above, but the red color indicates low battery state.

The headset has the following audio indicator:

Tone in receiver---Tone varies in duration, duty cycle and frequency to indicate Volume Steps, Volume Min, Volume Max, Low Battery, Microphone Mute, Incoming Call, and Pairing.

BT 300 User Manual

I BT300 Bluetooth Headset Operation---Preliminary

1. The battery must be charged before using.

2. To charge battery plug charger connector into rectangular Charge Jack located on edge of housing opposite microphone. (Note that the headset is not functional while charging). The LED will stay red during charging and go green when charging is complete (and the charger is still plugged in).

3. The headset is supplied for use on the right ear. For left ear use open the ear loop 90 degrees from the closed position, carefully snap ear loop off of hinge, rotate 180 degrees and snap back onto hinge.

II Pairing with Mobile Phone (Mobile phone must be Bluetooth compatible.)

(Note: Pairing must be done every time the headset establishes a link with a different mobile phone or other Bluetooth compatible device)

1. Verify power of mobile phone to be paired with is ON and phone is within 10 feet of headset.

2. Headset must be powered off. Press and hold On/Off button for more than 5 seconds to switch headset to pairing mode. Green LED is constantly ON.

3. The green LED will flash fast ON & OFF when Bluetooth pairing has been completed.

4. If pairing fails, the green LED will go OFF.

III Receiving an Incoming Call

1. Place the headset on your ear after switching it ON, placing the earhook over your ear, and close the earhook so the receiver is close to your ear. The microphone should be pointed toward your mouth.

2. If there is an incoming call while the headset is ON and the devices are paired, the call will automatically be answered by the headset. The Incoming Call Alert is 1 second of 700 Hz Warble Tone.

3. When on a call, the green LED will flash at a rate of 1 second.

4. To adjust the Receive Volume Up, momentarily press the upper end of the rocker switch one or more times until the desired level is achieved. A ½ second 2 kHz beep will be heard when the max volume is reached.

5. To adjust the Receive Volume Down, momentarily press the lower end of the rocker switch one or more times until the desired level is achieved. A ½ second 2 kHz beep will be heard when the min volume is reached.

IV Making an Outgoing Connection

1. If the headset is powered up, dialing can be done from the cell phone or by Voice Dialing if available.

2. Press the Function Button for more than 2 seconds and release. Dialing can be done from the cell phone or by Voice Dialing if available.

V Other Functions

1. Low Battery Warning is indicated by five 50 millisecond 2 kHz beeps in the receiver every 20 seconds. This will start 10 minutes before the headset battery is out of power. The red LED warning will appear already when half an hour of battery life is left.

2. Out of Range is indicated by deterioration of audio quality (noisy signal) in the receiver.

VI Storage

1. Always store with power OFF and in a cloth or plastic bag to keep dust and lint out of microphone and speaker openings.

2. Avoid storage at high temperatures (above 60 C or 134 F), such as in a hot vehicle in direct sunlight. Storage at high temperatures can degrade performance and reduce battery life.

3. Do not expose headset to rain or other liquids.

VII Parts Replacement

1. Battery: This product is equipped with a Lithium Rechargeable Battery. Replacement must be done at a qualified service center or returned to the manufacturer. Use only P/N xxxxxx battery

2. AC Charger: Use only P/N xxxxxx

3. Vehicular Charger: Use only P/N xxxxxx

VIII Certification and Safety Approvals for BT300 Bluetooth Wireless Headset

EU: This product is CE marked according to the provisions of the R & TTE Directive (99/5/EC). Hereby, GN Netcom, declares that this this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For further information please consult http://www.gnnetcom.com.

Please note that this product uses radio frequency bands not harmonised within EU. Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland. Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

FCC: This product has been tested to comply with FCC Standards and is For Home or Office Use. This product complies with FCC Part 15 as a Class B Computing Device. The FCC I.D. is BCE-BT300

UL: This product is UL Listed ITE and complies with UL 60950, Canada and US. The UL File Number is E210538.

IC: The IC ID is IC: 2386-BT300.

FCC and IC Notice to Users

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 the receiver.
- Connect the equipment to 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.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.
The term "IC:" before the certification/registration number only signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that industry Canada approved the equipment

Warranty

GN Netcom, Inc warrants this product 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 products 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 any 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 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 to perform 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 is requested for in warranty products (without proof of purchase, your warranty will be defined as beginning on the date of manufacture as labeled on the product.)

- For out of warranty products, send a purchase order which authorizes repair.

In warranty products are warranted for the remainder of the original warranty period. Out of warranty products will be repaired or replaced at the prevailing charge and carry a one-year warranty from the 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 GN Netcom. Inc. warranty.

Ship to: GN Netcom, Inc.
77 Northeastern Blvd.
Nashua, NH 03062