Bluetooth LoopSet Instruction manual

Item no: **U& I - 03**

There are few easy steps you should go through, that will enable comfortable and easy communication with your **Bluetooth LoopSet**. First you must charge the **Bluetooth LoopSet.**

Initial charge takes about 3 hours (The procedure described below under title: *Charging...*)

The second stage is *pairing* your **Bluetooth LoopSet** with your Bluetooth compatible phone. (You can find the instruction for pairing under the title: *Pairing...*)

*Get your phone user manual ready for instructions regarding new device add/search.

The third and last stage is learning your **Bluetooth LoopSet** functions and button usage.

(The instructions for this found under title: *Function Statement.*)

Note:

In order to use the Artone Bluetooth LoopSet, please make sure that your hearing aid (or inductive receiver) is set to t-coil function. "T" or "MT" - please refer to the hearing aid manual. Make sure your phone is compatible with Bluetooth technology.

After pairing, you can put the BT Loopset around your neck and start using the device.

Artone Bluetooth LoopSet

User manual

Content

Artone Bluetooth LoopSet - Introduction

Hearing aid users have a problem to communicate over a mobile phone because of few reasons, the main reason is the creation of an acoustic interference that is created when the mobile phone handset is brought close to the hearing aid.

The Artone Bluetooth LoopSet enables hearing aid users to avoid the interference from the mobile phone by removing the phone to "safe" distance from the hearing aid.

In a time of a call a signal from the mobile phone is wirelessly sent to the Bluetooth LoopSet, it gets processed, cleared and amplified and then it is sent to the user's hearing aid.
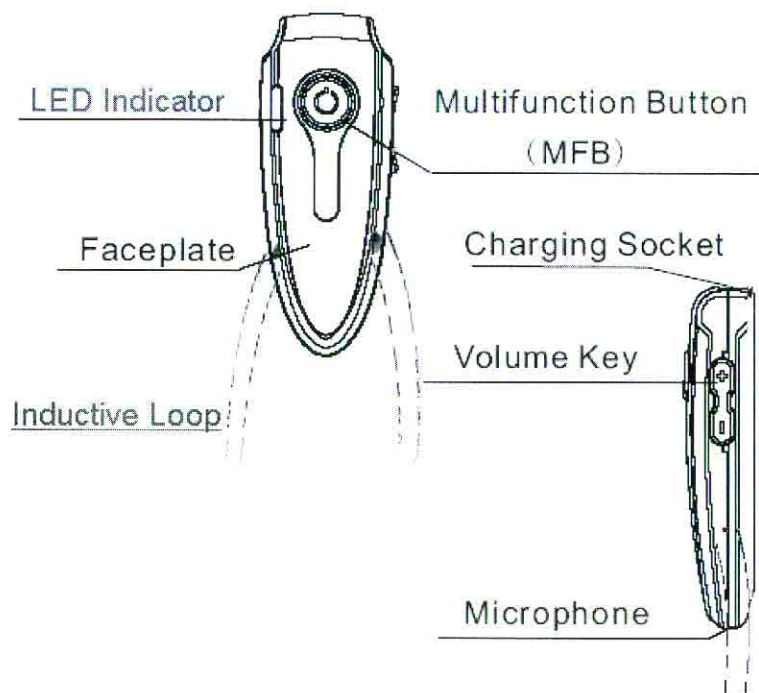
The hearing aid processes the signal once again and adjusts it to the user's personal level.

In out put: The signal is captured by the Bluetooth LoopSet microphone, it gets processed, cleared by cutting the unnecessary background noises, it is amplified and then the signal is sent to the user's handset. That process enables both parties of the conversation hear and comprehend each other without unnecessary struggle and problems.

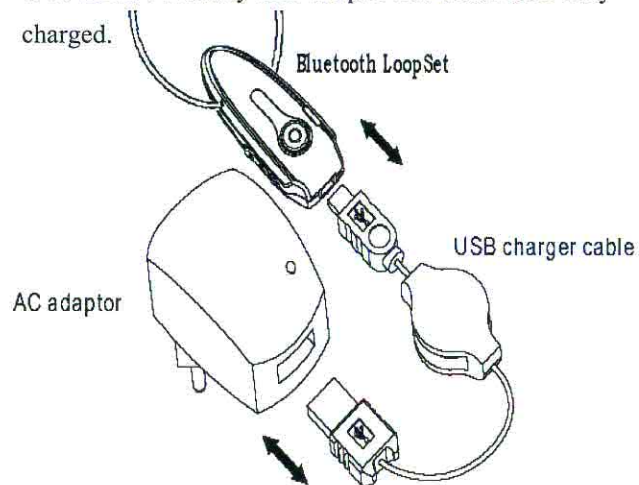The whole process is totally wireless and hands free.

Current version of the Artone BT LoopSet supports the following profiles   2.0 +EDR: handsfree and headset with prior Bluetooth technology V1.0 & V1.2.

Unit Detailed description

LED Indicator

Multifunction Button
（MFB）

Faceplate

Charging Socket

Volume Key

Inductive Loop

Microphone

Charging Bluetooth LoopSet

1. Connect the USB connection cord to the AC adapter socket. Connect the second end of the connection cord to the **Bluetooth LoopSet**. Plug the AC adapter to the wall AC socket (mains outlet).

2. When Charging, **LED** glows red color. The LED will turn off automatically once the battery is full.

3. Normal charging time is about 3 hours. Talking time is up to 15 hours / Standby time is up to 380 hours after fully charged.

Bluetooth LoopSet

USB charger cable

AC adaptor

Battery and Charging Note

When battery is running out of power the LoopSet beeps and the red LED flashes every 2 seconds.
Note: if charging the Bluetooth LoopSet when it is on, the unit will automatically turn off. The BT LoopSet can be turned on again for usage while charging.

-Use only batteries and chargers approved by the manufacturer to use with this particular product. Any use of other types may be dangerous and will invalidate the warranty.
The product has an internal non-removal rechargeable battery. Do not attempt to remove the battery from the device as it may cause damage.

To make sure that the battery is fully charged please keep charging the Bluetooth LoopSet for 30 minutes after the LED indicator has turned off.
(The Charging LED indicator may not turn on red when charging if the unit was not used for a long period of time.)

Note – the stand by and talking time depends on the environmental conditions and the mobile phone (or other Bluetooth transmitters)

Note – when using the charging cord, do not pull the cable when disconnecting it, it may cause damage to the cable. When disconnecting, please grab the connector.

Turn ON/OFF Bluetooth LoopSet

1. To turn the BT LoopSet on, please press the multifunctional
   Button (MFB) for about 3 seconds until the BT LoopSet beeps and the blue LED indicator start flashing continually 4 times and the red LED 2 times.
2. The Blue LED will flash 1 time every 2-5 seconds after being turned on (before pairing).
3. To turn off please press the MFB for 5 seconds until the Bluetooth LoopSet beeps and red LED flashes 4 times.

Pairing Bluetooth LoopSet

Note - You must pair your Bluetooth LoopSet with the phone before making a call.
"Pairing" creates a link between devices with Bluetooth wireless technology and allows the phone to remember the LoopSet's unique ID. When your LoopSet and phone are paired, your LoopSet automatically connects to your phone.

Put the Bluetooth LoopSet and phone close together (within one meter distance) (Turn the Loopset on – Press the MFB button until LED flashes blue color. Learn about all functions of the LoopSet further in this manual under "Function Statement" title).

1. With the LoopSet on, hold the volume "+" Button for 2-5 seconds until LED flashes red and blue color in turn. (if the BT LoopSet is paired to another device, you should "cut" the current connection, then it can be paired).

2. Perform a device discovery/search from the phone.

- For details on device discovery for your phone, refer to the phone's user manual.
- When scan is completed, the phone displays: "**device Found**".

3. Select "Artone" or U&I -03 (depends on the version) from the found devices list and confirm following the screen prompts. (follow the phone's screen instructions)
4. When instructed by the phone, enter the passkey **0000** and confirm to pair the Bluetooth LoopSet with the phone. (The device ID is now stored in phone's memory.)

Pairing is successful when LoopSet indicator flashes blue color rapidly.

Notes - You need to pair the Bluetooth LoopSet with your mobile phone one time.
Now the Artone Bluetooth LoopSet is stored in your memory phone and can be viewed in the phone's paired Bluetooth devices list.

Notice: If the link abnormally disconnects (for example, out of range or phone power off), the loopset tries to reestablish the link. If the phone disconnects for over 20 minutes, the LoopSet will turn off automatically. In order to reestablish connection just turn the Bluetooth LoopSet on. (press MFB one time if the connection wasn't automatically reestablished).

Disconnecting the Bluetooth LoopSet

To disconnect the paired BT LoopSet from your phone (for example to connect another Bluetooth device), turn the LoopSet off or disconnect the loopset from the Bluetooth menu of your phone. You do not need to delete the paired BT LoopSet from your phone in order to disconnect it.

Function Statement

With the Bluetooth LoopSet and phone are paired:

1. **Adjusting Bluetooth LoopSet Volume:**

   To increase output volume, repeatedly press "+" button until you reach the desired volume level.
   There are 15 volume levels, each level is confirmed by "beep" blue and red LED flashing.
   When maximum level is reached the unit confirms with two "beeps".
   - **For best volume performance please set your mobile phone to the highest volume level. (Please refer to instructions in your phone manual). As well you can use volume control on your hearing aid.**

   To decrease output volume, repeatedly press "-" button until you reach the desired volume level.

Answering a call: In case of incoming call, press the MFB button to answer the call (if your phone is set to automatic answer the LoopSet will answer the call after one ring).

Ending a call: Press the MFB button to end the call.

Making a Call: If your phone supports **redialing** function, please press the volume "+" key on the Bluetooth LoopSet for 3 seconds, until it beeps, then release the "+" key.
If your phone supports **voice dialing** function, press the Volume "-" key until the unit beeps, then release the "-" key and operate as described in the user manual for your phone.

To mute /un mute microphone - press MFB and Volume "-" buttons simultaneously until the loopset beeps. To reactivate microphone – repeat the operation.

Rejecting a Call: Long press the MFB button until you hear a beep, then release the button to reject the call.

Resetting the Bluetooth LoopSet
Under following status the LoopSet should be reset.
- The Bluetooth Loopset does not function after being fully charged.
- LoopSet software needs reset.

Plug the charger to the Bluetooth LoopSet and charge it for a few seconds - this operation will reset the unit.

Product care:
- Do not expose the LoopSet to liquid or moist.
- Do not leave the LoopSet exposed to direct sun light or other sources of heat.
- Do not attempt to open the unit, as it will damage the internal electronic circuit.

All negligence from the user towards the product that will damage the product will invalidate the warranty.

Intellectual property:

* Bluetooth is a registered trademark of Bluetooth SIG inc
Artone™
Artone Communication Solutions™
Artone Bluetooth LoopSet™ and design of the LoopSet and the know-how used are the intellectual property of "Artone Communication Solutions" and can not be used by any other entity without written permission from Artone Communication Solution management.

Accessibility:

If the script of this manual is too small for you please refer to www.artonecs.com to download electronic version with enlargement option. (the options depend on your document viewer software)

Specification

Artone Bluetooth LoopSet

Manufacturer	Artone Communication Solutions
Main Chip	BlueCore4 – Audio ROM
Bluetooth version	V2.0 + EDR
Frequency	2.4Ghz~ 2.4835GHz ISM Band
Input Power	45mW
RF Out Power	0dBm
Data transfer rate	2Mbps ~ 3Mbps
BT LoopSet key	0000
Operation range	Up to 10 Meters (30 feet)
Supply current	5mA ~ 20 mA
Battery	3.6V Rechargeable Li – polymer
Voltage	DC 5.0V ~ 6.5V
Operating Temp.	-10C ~+ 45C
Dimension(mm)	L58 X W23 X H12
Weight	12grms
Charging time	3 hours 15 minutes
Talking time	Up to 15 hours
Stand By time	380 hours

LED	Status	Note
Blue	Flashing continued 4 times and LED flashing 2 times .	Turning on mode
	Flashing 1 time for every 2 seconds	Stand by mode before pairing
	Flashing one time for every 10 seconds	Stand By after successful pairing
	Flashing continued 4 times for every 8 seconds	Data transferring mode or on a call
Red	Flashing continued 4 times rapidly	Turning off mode
	LED light on	Charging status
	Flashing (not in charging status)	Indicating low battery
Red & Blue	Flashing in turn rapidly	Pairing mode (Lasts for about 3 minutes)
	All indicator LED off	Finishing charging or charging the LoopSet which ran out of battery power.

Operation Statement

Operation	Methods	Status
Turning on	Long Press MFB key for 2 seconds	The blue LED flashes 4 times and red LED flashes 2 times and hear a beep
Turning off	Long press MFB key for 5 seconds	Red LED flashes 4 times and hear a beep
Pairing	With the BT LoopSet set on hold the volume "+" key for 2 seconds	Red and blue LED flash in turn
Answering a call	Press MFB key	Communication possible after hearing a beep and both red and blue LED flash one time each

Operation Statement

Operation	Methods	Status
Increasing the volume	Press Volume "+" key	The BT LoopSet beeps and both and blue LED flash one time each – total 15 volume levels available
Decreasing the volume	Press Volume "-" key	The BT LoopSet beeps and both and blue LED flash one time each – total 15 volume levels available
Ending a call	Press MFB key	The BT LoopSet beeps and both red and blue LED flash one time each
Redialing	Press Volume "+" key for 3 seconds	Redials the last number you called after hearing a beeps

Warning:

Do not use near machinery as the loop may be caught up in the moving parts.

Please express extra caution while using the LoopSet not to get caught on anything as it may cause injuries.

DO not use the LoopSet if you use a pace maker or any other devise that may be sensitive to magnetic/inductive field.

* parts of the Artone Bluetooth LoopSet may be magnetic, please do not place near the BT LoopSet near credit card or magnetic storage media as the information may be erased.

Keep away from children.

Warranty

Artone, as defined below, warrants this Artone-branded product against defects in materials and workmanship under normal use for a period _____ from the date of retail purchase by the original end-user purchaser ("Warranty Period"). If a product defect arises and a valid claim is received within the Warranty Period, at its consideration, Artone will either exchange the product with a new one or if possible repair the product.

The warranty does not cover abuse, deliberate damage, negligent use, and any damage caused exceeding the lines of "normal" product use.

All claims must be presented with the invoice of purchase and this document with a stamp of the manufacturer.