Bluetooth Headphone

T1

microlab

FCC ID:OR8-T1

www.microlab-global.com
Microlab Electronics Co., Ltd
Made in China

Caution:

To reduce the risk of electric shock, do not dismantle the product and do not expose the apparatus to rain or moisture. No user-serviceable parts inside. Refer servicing to qualified personnel only.

Explanation of Graphical Symbols:

⚠ The lightning flash within an equilateral triangle is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to a person or persons.

⚠ The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNINGS:

1. **Read Instructions** - All the safety and operating instructions must be read before the product is operated.
2. **Retain Instructions** - The safety and operating instructions should be kept product for future reference.
3. **Heed warnings** - All warnings on the product and in the operating instructions should be adhered to.
4. **Follow instructions** - All operating and users' instructions should be followed.
5. **Installation** - Install in accordance with the manufacturers' instructions.
6. **Power sources** - This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
7. **Grounding or polarization** - the product is not required to be grounded. Ensure the plug is fully inserted into the wall outlet or extension cord receptacle to prevent blade or pin exposure. Some versions of the product are equipped with a power cord fitted with a polarized alternating line plug (a plug having one blade wide than the other). This plug will fit onto the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. When using an extension power-supply cord or a power-supply cord other than that supplied with the appliance, it should be fitted with the appropriate molded plugs and carry safety approval appropriate to the country of use.
8. **Power cord protection** - Power-supply cords should be routed so that they are not likely to be walked on, kinked or pinched by items placed on or against them, paying particular attention to cords from plugs, receptacles and the point where they exit from the appliance.
9. **Overloading** - Do not overload wall outlets, extension cords or multiple sockets, as this can result in a risk of fire or electric shock.
10. **Ventilation** - The product must be properly ventilated. Do not place the product on a bed, sofa, or other similar surface. Do not cover the product with any items such as tablecloths, newspapers, etc.
11. **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products including amplifiers that produce heat. No naked flame sources, such as lighted candles, should be placed on the apparatus.
12. **Water and moisture** - To reduce the risk of fire or electric shock, do not expose the product to train, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.

13. **Object and Liquid Entry** - Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
14. **Cleaning** - Unplug the product from the wall outlet before cleaning. The cabinet of the subwoofer may be cleaned by dusting with a dry cloth. If you wish to use an aerosol cleaning spray, do not spray directly on the cabinet; spray onto the cloth. Be careful not to damage the drive units.
15. **Attachments** - Do not use attachments not recommended by the product manufacturers, as they may cause hazards.
16. **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
17. **Moving the product** - A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
18. **Unused periods** - The power cord of the appliance should be unplugged from the outlet during lightning storms or when the apparatus is left unused for a long period of time.
19. **Servicing** - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. Please remove the power plug form the main power source or wall power source when not in use. When plugged in to a power source, the system is in standby mode, so the power is not entirely cut off.
21. **Replacement parts** - When replacement parts are required, ensure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
22. **Mains fuses** - For continued protection against fire hazard, use fuses only of the correct type and rating. The correct fuse specification for each voltage range is marked on the product.
23. Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speaker may be damaged when a peak level section is suddenly played.
24. The only means of completely disconnecting the product from the power supply is by removing the power cord from the wall outlet or the product. The wall outlet or the power cord entry to the product must remain freely accessible at all times while the product is in use.
25. Try to install the product near a wall socket or extension cord and shall be easily accessible.
26. The highest environmental temperature suitable for this product is 40°C.

Incorporating latest *Bluetooth*® wireless technology, this headset lets you connect to your mobile phone or media player without cables. Using A2DP profile, it lets you listen to stereo music by connecting to any *Bluetooth*® wireless technology enabled products.
Designed with beautiful finishes, this headset system is ideal for your personal entertainment. Ideal for digital movies, TV, PC/notebook, CD/DVD and multimedia application.
With its built-in microphone, this system functions as an headset for your video conferencing and communication application.
Comes with rechargeable battery for longer lasting use, and easy charging via USB interface. Includes additional 3.5 mm stereo jack for traditional analog audio input.
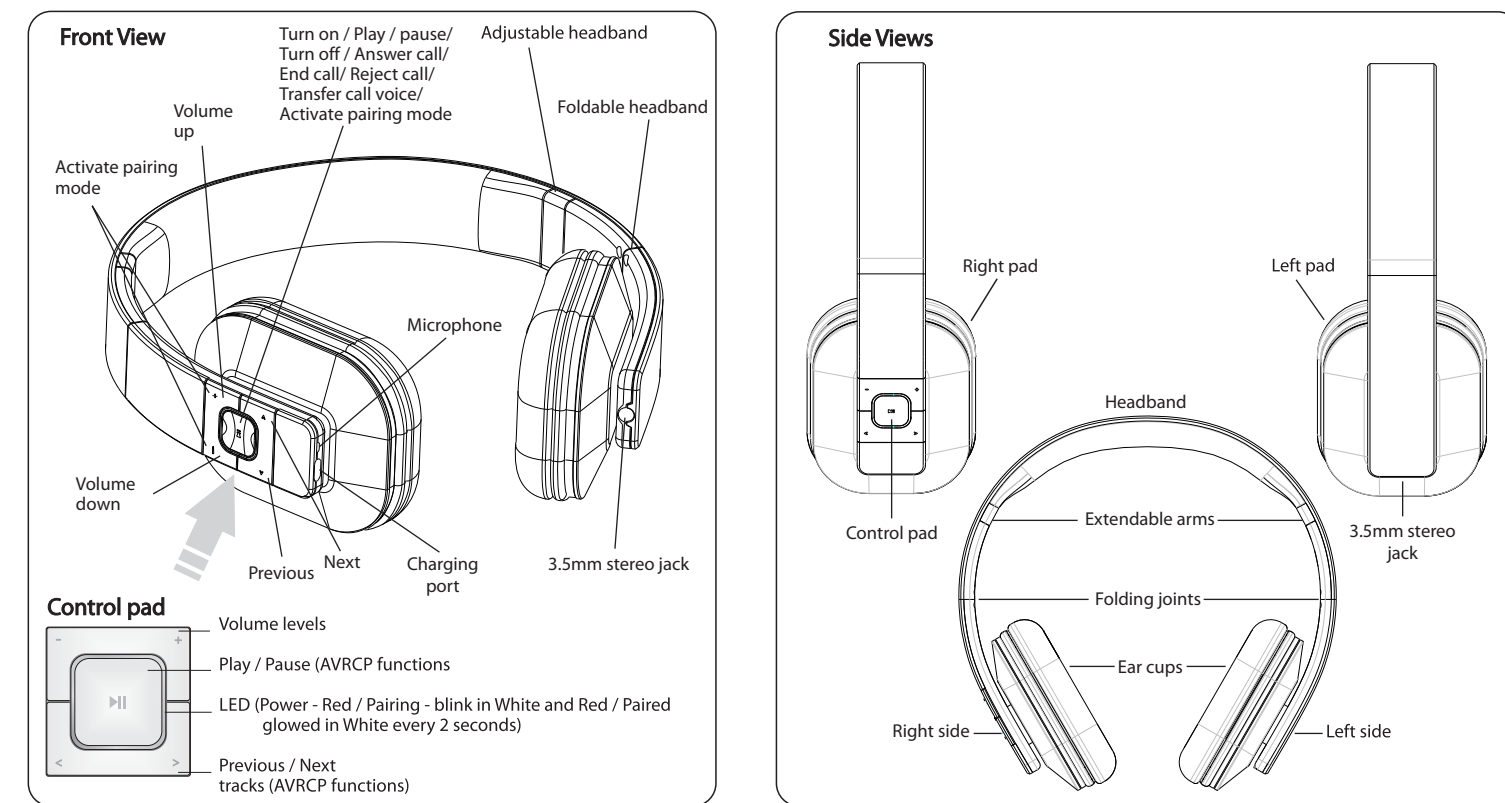
Features

*   *Bluetooth*® wireless music transfer lets you play from your mobile and any *Bluetooth*® from your mobile and any *Bluetooth*® product with *Bluetooth*® headset protocol
*   *Bluetooth*® 4.0 with HFP 1.6 A2DP 1.2 and AVRCP 1.4
*   *Bluetooth*® stereo audio using A2DP for wireless music streaming
*   Quality headset with depth and full range audio performances
*   CD sound quality with aptX function
*   Clear sound with strong bass sound effects
*   Circum-aural Headset type for personal entertainment
*   USB charge and play function for longer use
*   10 m wireless operating radius - connects and use with Bluetooth enabled device in larger area
*   Large ear pads to reduce external noise (passive noise cancellation function)
*   Microphone/answering phone call - handsfree communication
*   3.5 mm stereo jack - connects to most media players such as Mp3/Mp4 player or notebook
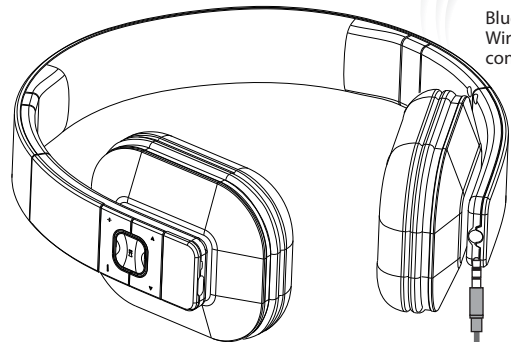*   Quality ear-cups for comfortable wear

Package contents

*   Bluetooth Headphone   1 pc
*   USB charging cable   1 pc
*   Protective pouch   1 pc
*   3.5 mm - 3.5 mm stereo cable   1 pc
*   User manual   1 pc

Front View

Turn on / Play / pause/ Turn off / Answer call/ End call/ Reject call/ Transfer call voice/ Activate pairing mode

Adjustable headband

Foldable headband

Volume up

Activate pairing mode

Microphone

Volume down

Previous   Next   Charging port

3.5mm stereo jack

Control pad

Volume levels

Play / Pause (AVRCP functions

LED (Power - Red / Pairing - blink in White and Red / Paired glowed in White every 2 seconds)

Previous / Next tracks (AVRCP functions)

Side Views

Right pad

Left pad

Headband

Control pad

Extendable arms

3.5mm stereo jack

Folding joints

Ear cups

Right side

Left side

✶ Wireless

Tablet
Notebook
Smartphone

Bluetooth Wireless connection

Analog 3.5 mm stereo connection to media players

Analog options

Media player
LCD TV
CD / VCD / DVD Blu-Ray player
Smartphone / Tablet / Mp3 / Mp4 Media player
PC or Notebook

Folding Views
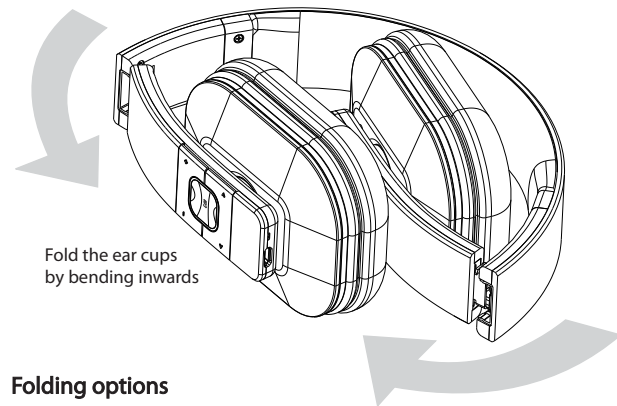
Fold the ear cups by bending inwards

Folding options

Storage option: folding the ear cups allow a compact storage space

Desired Result	Required Action
Power on	Depress the "▶❙❙" button for 3 seconds to power on the headset. (Red LED double flash every 3 seconds, and a tone beeps)
Activate pairing mode	Press the " +" and " -" buttons together and hold for 6 seconds. (White and Red LED quick flash alternately with 2 beep tones). or depress "▶❙❙" for several seconds after power on.
Pairing	In pairing mode, use a mobile phone with *Bluetooth*® function, or other *Bluetooth*® Master Device to perform pairing action (detail refer to the paragraph on "pairing")
Power off	Depress the "▶❙❙" button for 3 seconds to turn off the system. (The Red LED will glows for 1 - 2 seconds before turning off, and a tone beeps)
Low battery warning	The red LED flash
Charging	Insert the micro-USB plug (included USB cable) to the headset's micro-USB jack. Insert the other end to the PC's USB port or USB Hub to commence charging. (Red LED is on) Please pre-charge the headset prior to initial use.
Answer call	Depress once the "▶❙❙" button to answer incoming call.
End call	Depress once the "▶❙❙" button to end the call.
Transfer call voice	Double depress the "▶❙❙" button to transfer the call voice between the mobile phone and device while on going call
Reject call	Depress the "▶❙❙" button for 1~2 seconds to reject call when the call is ringing
Volume up	Depress once the "+" button for volume level increase

Volume Down	Depress once the "-" button for volume level decrease
Next	Depress once the ">" button for next music track on your *Bluetooth*® enabled device via AVRCP function
Previous	Depress once the "<" button for previous music track on your *Bluetooth*® enabled device via AVRCP function
Battery power indication	After pairing this device to iPhone. The battery power will be displayed on your iPhone.
Play/pause	Depress once on the "▶❙❙" button to play, or pause the music to commence playback or pause the music respectively.
Multi-point connection	In pairing mode, depress once the "▶❙❙" to enable the "Multi-point" and double depress the "▶❙❙" again to disable the "Multi-point".
Factory default setting	Long depress ">" and "<" during pairing mode to reset and clear the paired device list

Note: "Multi-point" refers to the headset ability to connect, and maintain a list of connected *Bluetooth*® devices. This is to facilitate easy connection and use of the headset with various enabled devices.
The first device to playback the music will be selected to stream the music to the headset. To play from a different device, the first device need to have its *Bluetooth*® disconnected from the headset.

Operations (continue)

Pairing to Mobile phone or other device
To use your *Bluetooth®* Headset, you must first pair your Headset with a phone or a computer. Once your *Bluetooth®* Headset is paired to a specific mobile phone; they will remain paired and automatically recognize each other whenever they are within range.

Pairing to a phone and Entertainment:
1. Turn on your phone and ensure its *Bluetooth®* function is activated
2. Turn on the *Bluetooth®* Headset go to the pairing mode.
3. Search your *Bluetooth®* devices on your phone by following the phone's instructions. Refer to your phone's user manual for more information.
4. After a few second the phone will list the device as a discovered device. Select it and follow your phone instruction to select this pairing.
5. If your phone request a passkey or PIN; please enter "0000" as your PIN or passkey. Your phone will confirm the pairing, and then press Yes/Ok.
6. Finally, select to connect with the device from your phone.
7. You can play music; watch TV/movie and play game with your phone, and have the sound stream wirelessly your headset. With AVRCP function, you can control the phone music playback from the headset. For example, you can change the volume or select next or previous song for playback directly from the Headset control pad.

Pairing to a computer and Entertainment:
1. If there is no *Bluetooth®* function supported by your computer, a *Bluetooth®* adapter is necessary. Fix the adapter to your computer and ensure its *Bluetooth®* function is activated.
2. Turn on the device and go to pairing mode.
3. Launch the *Bluetooth®* software (e.g., BlueSoleil) that is installed on your computer, and selects "Search your *Bluetooth®* devices" function. Refer to user manual of the Bluetooth software for more information.
4. After a few second the "device name" will list in *Bluetooth®* software of your computer as a discovered device.
5. Select this icon and click right button of mouse to select "Pairing" item, then select "connect with audio device" with same operation.
6. Launch Media player or other similar software to play music, watch movies, TV, or play games. The sound will output and stream wirelessly to your headset.

Line IN input (Analog)
This headset supports 3.5 mm stereo audio input for alternative listening mode. You can connect any 3.5 mm stereo plug from your Mp3/Mp4, smartphone, tablet, PC or notebook to it.
Once the 3.5 mm input is used, the *Bluetooth®* function will automatically powered off.

USB audio input
This headset support USB audio input when charge with computer or laptops, when connected to the PC or notebook with USB cable, it will auto emulate as a USB audio device (please ensure your operating system support USB audio device). Please note the PC sound will now change its output to this device.

Charging your device
The headset uses USB-to- micro-USB interface to charge. It is convenient to connect to AC charger or a USB Charger. Make sure that your device is fully charged for at least 6 hours prior to use. Insert the USB type A interface of the included cable to the PC's USB port, or USB hub, and the micro-USB end to the headset micro-USB jack. During charging, the red LED will illuminate steadily. When charging is completed, the red LED turns off and the white LED turns on.

Advice
Please ensure a certified USB AC charger is use if not charging from the PC or notebook. You must charge the Bluetooth® headset if it has been not used for more than 12 months.
Do not listen to loud music for prolong period which could result in impaired hearing. Always adjust your volume to a comfortable level.

Technical Specifications

BLUETOOTH®
Version:	Bluetooth® V4.0
Profile:	HFP 1.6, A2DP 1.2
RF Range:	10 m
Sound:	aptX

AMPLIFICATION
Frequency response:	60 Hz - 20 kHz
Nominal impedance:	42 Ohm

SPEAKERS
Driver:	50 mm diameter
Transducer:	Dynamic, Clo

Frequently Asked Questions (FAQs)

Questions	Solutions
Why is there no power even when the Headset is powered on?	Ensure the battery is fully charged for 6 hours prior to initial use. And the LED is illuminated during charging.
There is no sound during playback	Check the connection between your Headset with the phone or computer. If the connection is not established, please re-connect again. Ensure the Headset is paired and connected with your target phone or other master device.
How can I know the Bluetooth® Headset has been fully charged?	The LED will turn from Red to White colour after charging. This indicates the charging process is completed.
Why the Headset cannot connect to a second phone?	Please set the headset to pairing mode and depress once the to multipoint mode. Connect the Headset to phone 1. Deress the "+" and "-" buttons together for 6 seconds to enter the pairing mode, and connect the Headset to phone 2, and then use phone 1 paired device list to reconnect to the headset.
USB Audio not detected in PC	Ensure operating system is updated to the latest version and USB driver is of correct type.
	If the problem still exists, please contact the distributor or find us on www.microlab-global.com For more information about our products., please follow us on facebook, twitter and youtube exclusive channel

- The end -

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 to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.