

User Manual

(Draft 02)

BTH061B Bluetooth Stereo Headphone With Mic and Noise Reduction



Special Features

- Open-Ears design, this headphone that leaves your ears open for awareness of surroundings for a safe and connected listening.
- Wireless connection Bluetooth Audio Playback function to enjoy the Bluetooth Audio music from your mobile device.
- Environmental Noise Cancellation (ENC); can effectively suppress the reverse environmental noise through the dual microphones array on headphone, accurately identify the direction of your speech, protect the main direction of the target voice at the same time. Let the other party you are talking to can clearly hear your voice.
- IPX5 water resistant designed that it can be used in the rain and for intense workouts.
- 2 preset EQ selection.

Cautions

- Do not place naked flames, such as lighted candles on or near the product.
- Do not use or store this product in a place where it is subject to direct sunlight, heat, excessive dust or vibration.
- Do not clean this product with other liquids.
- Do not push foreign objects into the slots or holes in the product.
- Do not attempt to open this product yourself. There are no user serviceable parts inside.
- Do not allow children access to plastic bags.

Safety Warnings

- Before using this product, read and follow all warnings and instructions.
- This product is not intended for use by young children. Young children should be properly supervised.
- This product is intended for household use only and not for commercial or industrial use.
- No naked flame sources, such as lighted candles, should be placed on the product.
- Ventilation should not be impeded by covering ventilation openings with items such as newspapers, table cloths, curtains and the like.
- Make sure the unit is adjusted to a stable position. Damage caused by using this product in an unstable position or by failure to follow any other warning or precaution contained within this user manual will not be covered by warranty.

We, suggest retaining the packaging in case for future transport of the product.

If at any time in the future, you should need to dispose of this product please note that: All batteries and accumulators need to be removed from this product (Removal of Waste Batteries and Accumulators).



WARNING:

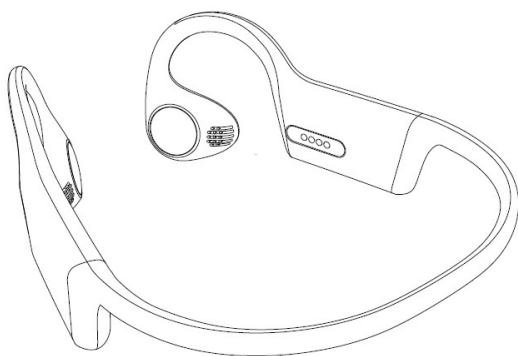
- When participating in the traffic listening to a personal music player can make the listener less aware of potential dangers such as approaching cars.



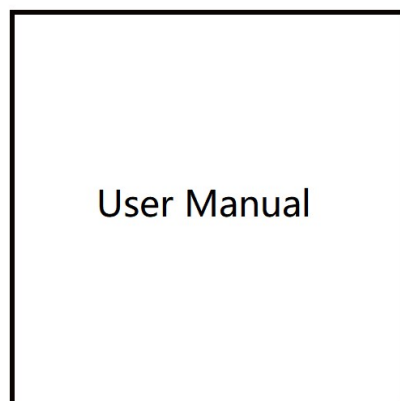
WARNING:

- Prolonged exposure to loud sounds from personal music players may lead to temporary or permanent hearing loss.

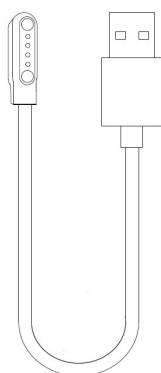
1. What's in the Box



Headphone



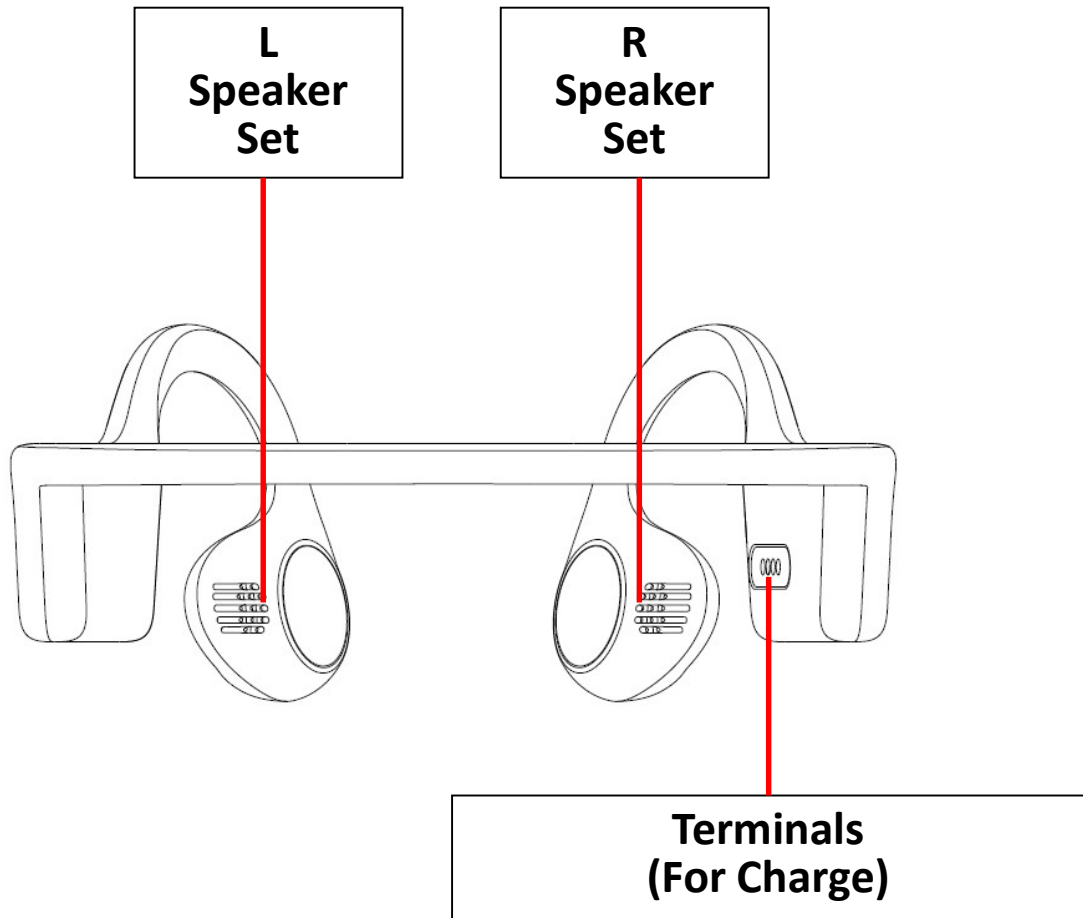
User Manual



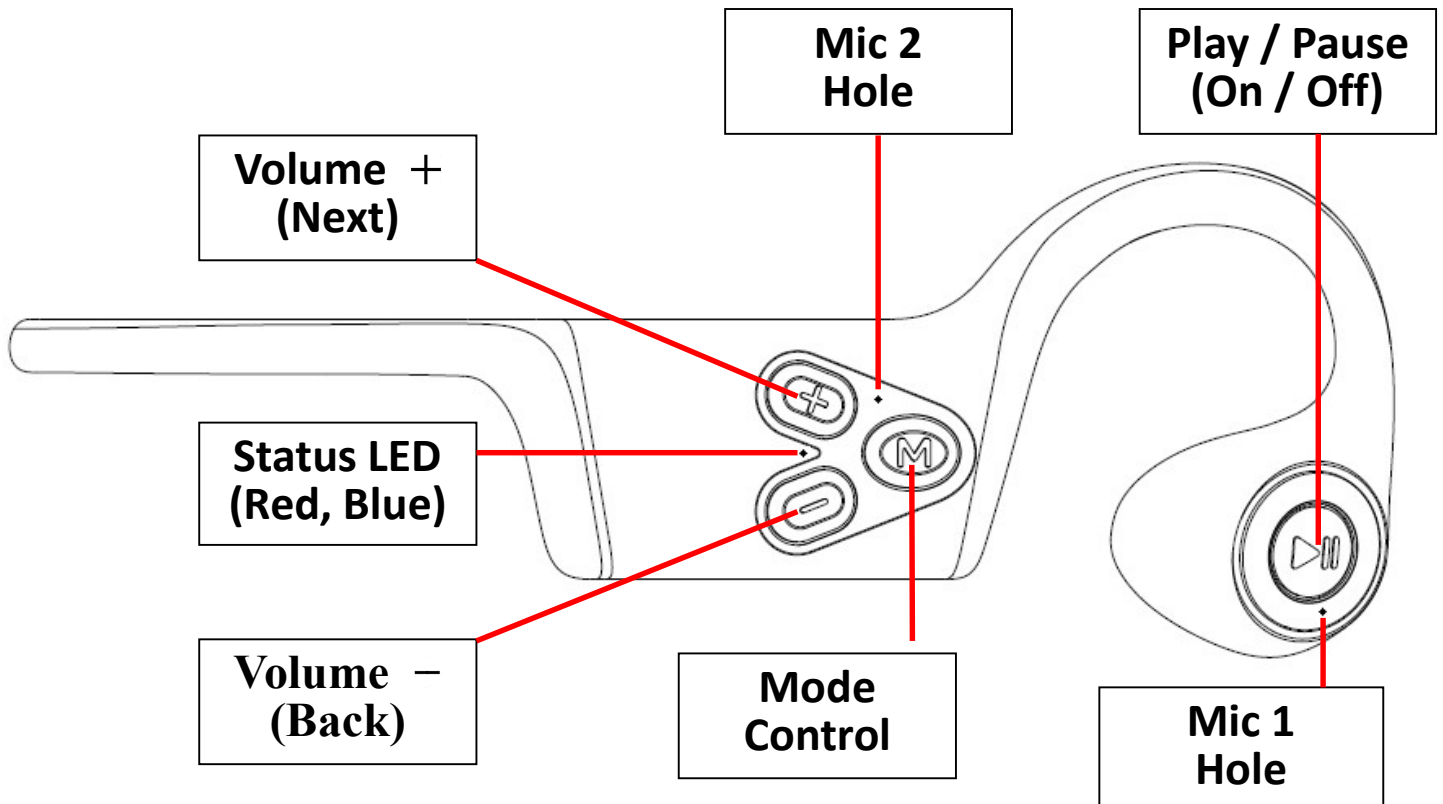
USB Charging Cable
Magnetic Terminals Plug

2. Headphone Buttons Control

Back View



Right View



3. About Headphone's battery

- The device has an internal non–user-replaceable rechargeable lithium battery.
- For the first time use the device, let it charging for about 1 ~ 2 hours or until the [**Status LED**] indicator light from solid red turned to light off.
- The lithium battery of electronic devices is sensitive to long periods of inactivity. It is important to recharge it at least once a month to keep it functioning properly.

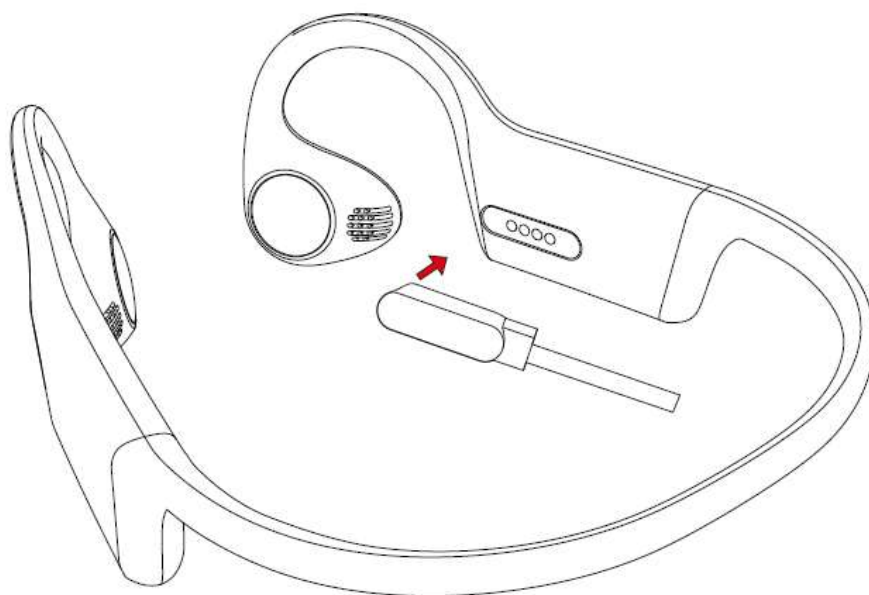
4. Terminals for charge

Important: Headphone is equipped with terminals which let you connect for charge. To avoid performance matter, make sure the headphone's terminals and terminals plug of USB cable are completely dry and without dirty before to use for connection.

To charge:

Note: The headphone will shut-down other operating function automatically when you have connected Headphone with USB Power Adapter or Computer for charging functions.

- Use the Magnetic Terminals Plugs of the provided USB Charging Cable attach onto the Headphone's Terminals. And make sure that the magnetic terminal plug and terminals are proper placed. Please see illustrated in below:



- Then, connect the Type-A plug of the USB Charging Cable to a USB port of your computer or USB Power Adapter.
- The [**Status LED**] indicator will light solid red when the device is in charging.

- The **[Status LED]** indicator will light off from solid red when fully charged.
- Disconnect the USB Charging Cable from Headphone and Computer/Adapter once battery fully charged.

5. How to wear

Note: *If wearing your headphones not the right way could cause discomfort and degraded the listening performance.*

- When wearing the Headphone, bring it behind the back of the base of your neck and position the ear-hooks on your ears. Please see illustrated in below:



- This guarantees that the headphone's speaker sets send sound/music with best performance to your ears.

6. ON / OFF

Power ON the headphone

Note: *The headphone will be automatically power Off in 8 minutes if no Bluetooth connection be made.*

- Long press the [▶||] button, for 2 - 3 seconds, until the **[Status LED]** indicator light on and flashes blue and red alternately.
(Voice prompts will say: **"Power On"** -> **"% of remaining battery"** -> **"Bluetooth Mode"**)

Power OFF the headphone

- In operating mode, Long press the [▶||] button, for 2 - 3 seconds, until the **[Status LED]** indicator from current light effects to turn blue then off.
(Voice prompts will say: **"Power OFF"**)
- Then, the headphone will be turned OFF in a second.

7. Bluetooth Pairing

Note: For some Bluetooth mobile devices, you may need to input “0000” as pairing password.

- Power ON the device by long press the [►||] button, for 2 - 3 seconds, until the [**Status LED**] indicator light on and flashes blue and red alternately and voice prompts will say for the status.
- Open your mobile device's Bluetooth settings and select **“BTH061B”** in it list for pairing;
- The headphone's [**Status LED**] indicator light will switch from flashes blue and red alternately to slow flashes blue **once per 4 seconds**. (Voice prompts will say: **“Bluetooth connected”**)
- Now, the headphone is ready for Bluetooth audio playback function.

8. Disconnect from paired device

- In Bluetooth connected mode, long press the [**M**] button, for 2 - 3 seconds, to switch the headphone to new “Pairing” mode. The [**Status LED**] indicator light switch from flashes slow blue to flashes blue and red alternately. (Voice prompts will say: **“Bluetooth disconnected”**)
- The current paired device is disconnected. Now, you can process for new mobile device for pairing as you wanted.

9. Auto re-connects with paired device

- Every time you power ON the headphone; the Bluetooth mode will firstly be searching and pairing for the last paired mobile device whether it is available. The headphone will re-connect this mobile device(s) as priority.
- If it not found in some seconds, the headphone will then switch to pairing mode internally and waiting for pair.
- The [**Status LED**] indicator light will switches and voice prompts will say according to the modes status.

10. Bluetooth Audio Playback

Note: Listening with headphone at high volume may affect your hearing and the audio may be distorted.

Play/Pause

- In Bluetooth paired mode, short press the [►||] button to starts music play. Or, selects the desired music file(s) to starts music play from mobile device's music APP listed. The [**Status LED**] indicator will light slow flashes blue once per 4 seconds.
- To pause the playing music, short press the [►||] button. Press it again to resume play.

Volume adjust

- While music is playing, adjust headphone's volume by short press or pressing either the [**Volume +**] or [**Volume -**] buttons.
(A "beep" will sound when the volume is at its maximum. or minimum)
- And/Or, adjust the volume on your mobile device.

Play for next / previous track

- While music is playing, long press either the [**Volume +**] or [**Volume -**] buttons until the next or previous track is selected to playback.

11. Receiving and Making phone calls

You can use the Headphone as a hands-free device if a Bluetooth connection has been established with your smartphone. The headphone has a built-in microphone. You can accept, reject and end phone calls or make a call to the last number you dialed using the redial function.

You can select whether you would prefer to have the call transmitted through the headphone or directly via your smartphone's icon/button.

I. Accepting the call on headphone

- When you receive a call, the playback will be paused and you will hear the ringing on the headphone.
- Accept an incoming call by short press the [**▶||**] button on the Headphone. The call will be conducted via the headphone.
- You can speak hands-free throughs the integrated microphone with the ENC noise reduction function provided by the headphone.
- After the call has end, the previous paused music will be resume automatically.

II. Declining a call on headphone

- To decline an incoming call;
- Long press the [**▶||**] button for 2 - 3 seconds.

III. Ending a call on headphone

- When you want to end the call;
- Short press the [**▶||**] button on the headphone.

IV. Using the redial function on headphone

- To call the telephone number that was last dialed on your smartphone;
- Press twice the [**▶||**] button on the headphone.

12. Mode Control

I. Select 2 Preset EQ:

- In Bluetooth mode, short press the [**M**] button can select the preset EQ to next mode.
- Repeatedly short press the [**M**] button to switch in-between the “Normal Mode and Safety Mode” as you desired.
(Voice prompts will say: “**Safety Mode / Normal Mode**”.)

II. Disconnect Bluetooth Paired

- In Bluetooth connected mode, long press the [**M**] button, for 2 - 3 seconds, will disconnect the paired mobile device for new Bluetooth pairing.
(Voice prompts will say: “**Bluetooth Disconnected**”)
- Process for new mobile device Bluetooth pairing as you desired.

13. Low battery and auto power Off

- In the headphone detected the battery is in lower level, it will voice prompts “**Low Battery**” by every 5 minutes per once.
- When you heard this reminder, please connect the headphone to the Computer/USB power for charging.
- If not, the device will itself power OFF automatically when the battery is keeping low energy level in some time.
- In some low battery levels case, the device might not be turned the power On. If this happened, please recharging the battery at least 10 ~ 15 minutes, because the rechargeable battery has not enough energy for drive up the headphone.

14. Reset the Device

- In some circumstances, the device’s function may hang and need to reset. To reset the device;
- Long press the [**▶||**] button for 8 ~ 10 seconds, the device should reset and turn OFF automatically. After that, power ON the headphone for restart.

15. For IPX5 Water Resistant

- The Headphone can resist low pressures jets of water, such as rain and sweats.
- The headphone cannot be placed in water and high temperature or humidity, etc...
- The charging pole-piece in the headphone is with anti-corrosion treatment. Whatever, you are recommended to clean and dry the headphone immediately when it is used after rain or headphone has water.

16. Cleaning after used in rain or workouts

- If perspiration or dirt gets on your headphone, cleanup it off with soft cloth at room temperature and then leave them in a well-ventilated shady place to dry.
- Do not clean the headphone with detergent, chemicals, or wet wipes.
- Do not dry the Headphone using hot air from a hair dryer. Doing so may cause deformation and deterioration of the water-resistant performance.
- Do not use the Headphone until it's dry completely. Put a dry cloth under the Headphone and leave them at room temperature for about 2 or 3 hours.

17. Specification

Dimension	136mm x 96mm x 48mm (approx.)	
Weight	35g (approx.)	
Built-In Battery	Lithium 3.7V, 270mAh	
	Charging Time: 1.5 ~ 2 hours	
	Playing Time: 13 hours @ 50% volume	
Terminals Connection	For Power: DC Input, 5V 500mA / 0.5A	
	For Charge	
Bluetooth	Specification	V5.3
	Frequency Range	2.402GHz ~ 2.480GHz
	Supported Profile	A2DP (V1.3.2) AVRCP (V1.6.2) HFP (V1.8)
	Connection Distance	Up to 10m (open area)
	TX Power	+ 8dBm (max.)
	Codec	SBC
Audio	Output Power	L: 3mW (20 Ohms) R: 3mW (20 Ohms)
	Freq. Responses	20Hz - 20000Hz
	SNR	> 70dB
Speakers	Impedance:	20 Ohms
Microphone	Dual Mic Array	For voice and ENC, noise reduction
Water Resistant	IPX5	
Operating Temperature	0 to 40°C	

18. Troubleshooting

Cannot power ON	• Check whether battery have enough energy.
Cannot charge	• Check whether Headphone's terminals and terminals plug are connected properly.
No sound	• Check whether volume is set to "minimum".
Cannot play music	• Check whether the headphone's Bluetooth is connected properly with your mobile device.

19. Disclaimer

Updates to Firmware and/or hardware components are made regularly. Therefore, some of the instruction, specifications and pictures in this documentation may differ slightly from your particular situation. All items described in this guide for illustration purposes only and may not apply to particular situation. No legal right or entitlements may be obtained from the description made in this manual.

20. CE Declaration of Conformity



21.FCC statement

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter

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.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction

FCC ID: 2A7DR-BTH061BV4B