BTH058
Bluetooth stereo headset
User's manual

Contents

Welcome to use this Bluetooth stereo headset, BTH058. Please read this user's manual carefully before use.

■ Brief introduction

1. Bluetooth wireless communication technology

Bluetooth is a standard of close range wireless communication technology that was drawn up by Ericsson, IBM, Intel, Nokia and Toshiba. With Bluetooth technology, we can achieve the highest transmission rate among cell phones, computers, printers, PDAs and other devices. The max transmission range of class II is 10 meters while the max transmission ranges of class I can reach up to 100 meters.

2. About BTH058

BTH058 is a Bluetooth stereo headset. Foldable and retractable design is very easy to take with you. It supports the following Bluetooth profiles:

HSP —— Headset Profile
HFP —— Hands-free Profile
A2DP—— Advanced Audio Distribution Profile
AVRCP——Audio/Video Remote Control Profile

You can enjoy music wirelessly by using BTH058. It has the following features:

1) Pairing with a Bluetooth cell phone or PDA supporting HFP profile.
◆ Answer a call, end a call and reject a call
◆ Redial last number
◆ Voice dial
◆ Adjust the volume
◆ Call transfer between the headset and your Bluetooth cell phone
◆ Microphone mute

2) Pairing with a Bluetooth cell phone or Bluetooth transmitter supporting A2DP profile.
◆ Enjoy music wirelessly
◆ Adjust the volume
◆ Remote control pause/play
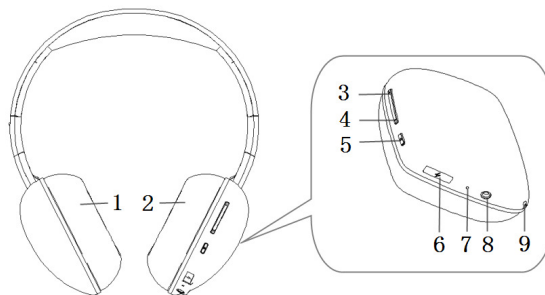◆ Remote control previous/next track

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3) Easy to switch between the call and music, you will not miss the incoming call during listening to music.

4) Every time the headset is turned on, it will connect to last connected device automatically.

Note: In order to complete above function, the Bluetooth profiles of paired device must be same as the headset. And even though the paired device and the headset support the same Bluetooth profiles, functions may vary due to specification differences of the paired devices.

■ **Before use**
1. Overview

1	Left speaker	6	Charging jack
2	Right speaker	7	LED indicator
3	Volume up/previous song	8	Line-in jack
4	Volume down/next song	9	Built-in microphone
5	Multi-function button(MFB)		

2. Charging the headset

The headset comes with a built-in rechargeable battery, prior to using it, it is recommended to charge the battery fully for the first time.

When the headset is low power, the headset emits five "Dong" tones every 5 minutes and the red LED flashes. Please recharge the battery of the headset.

The way of charging as following:

Using USB cable

1. Plug USB charging cable into the USB port of computer
2. Plug another side of USB cable to headset
   Red light on: Charging
   Red light off: Finish charging
3. It will takes about 3 hours to finish charging

Remarks:

1) The battery is recyclable.

2) Batteries (battery pack or batteries installed) shall not be exposed to excessive heat place, such as sunshine, fire or the like.

■ Getting started

1. Turning on/off the headset

Functions	Operation	LED indicator
Turning on	Press and hold **MFB** button about 4 seconds until blue LED flashes	Blue light on one second
Turning off	Press and hold **MFB** button about 4 seconds until red LED flashes	Red light on one second

Remark: In order to save power, the headset will turn off automatically if no devices can be connected after 5 minutes.

2. Pairing the headset with Bluetooth devices
1) How to enter pairing mode

Functions	Operation	LED indicator
Entering pairing mode	Ensure the headset is off, and then press and hold **MFB** button about 8 seconds until red and blue LED flash alternately	Red and blue LED flash alternately

Remark: Pairing mode will last 2 minutes. If no devices can be connected after 2 minutes, it will return to standby mode automatically.

2) Pairing the headset with a Bluetooth cell phone

Prior to using the headset for the first time, you have to pair it with a Bluetooth-enabled cell phone. The pairing procedures are subject to different models of cell phones. Please refer to your cell phone user's manual for further information. The general pairing procedures are as follows:

1) Keep your headset and phone within 1 meter when pairing;
2) Make the headset enter pairing mode (please refer to "How to enter pairing mode);
3) Activate your cell phone's Bluetooth function and set your cell phone to search for Bluetooth devices within range, and select "BTH058" from the list of devices shown;
4) According to the indication, enter password or PIN No: "0000"(If the mobile phone supports Bluetooth V2.1, password is not required.);
5) If prompted by your cell phone to connect, select "Yes" (this will vary among cell phone models);
6) After successful connecting, blue LED flashes twice every 4 seconds.

Remarks:
◆ If pairing is failed, please turn off the headset first and then re-pair according to steps 1～6 mentioned above.
◆ After pairing is successful, the headset and the cell phone will remember each other, they will no need to re-pair next time. The headset can remember 8 paired devices, when the number of paired devices exceeds 8, the first one will be replaced.
◆ Every time the headset is turned on, it will connect to last connected device automatically. If you want to pair it with other devices, please turn off the Bluetooth function of last connected devices first and pair the headset with the new device according to steps 1～6 mentioned above.

3) Pairing the headset with a Bluetooth transmitter

You can connect the headset to a Bluetooth transmitter to enjoy music wirelessly. Hereby take BTT005 (Bluetooth transmitter, not included in accessories) for example. The pairing steps are as follows:

1) Keep your headset and transmitter within 1 meter when pairing;
2) Make the headset enter pairing mode (Please refer to "How to enter pairing mode);
3) Turn on the Bluetooth transmitter and make it enter paring mode. It will search for Bluetooth devices automatically and send a pairing request;
4) When the headset requests to enter a PIN No., the transmitter will response "0000" automatically;
5) After successful pairing and connecting, blue LED of the headset flashes twice every 4 seconds.

Remarks:
◆ The pairing password of BTH058 is "0000". So, the headset can only pair with a Bluetooth transmitter whose pairing password is "0000".
◆ If pairing still fails after several tries, please refer to the Bluetooth transmitter's user's manual for further information.

4) Pairing headsets with Multi-devices

The headset can connect with two Bluetooth devices at most. If you want to finish the multi-pairing, please refer to the following steps:
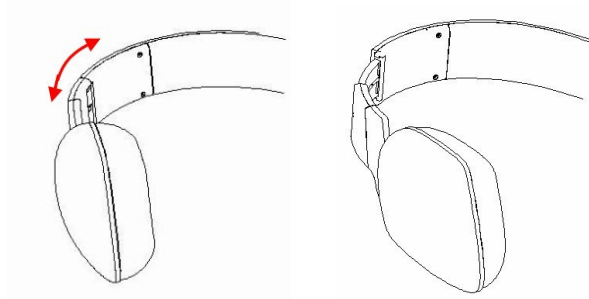
1) Firstly, pair and connect the headset with Bluetooth device one (refer to "pairing the headset with a Bluetooth cell phone);
2) Turn off the headset and make it enter paring mode again, pair and connect with Bluetooth device two(refer to "pairing the headset with a Bluetooth cell phone);
3) Operate Bluetooth device one to connect with headset. The headset has already connected with Bluetooth device one and two, the headset also can connect with these two devices automatically next time.

Remarks:
◆ After successful multi-pairing, the paired devices will remember each other.
◆ The headset will connect with last connected two devices automatically after turn on.
◆ The steps of turn on/off the multi-pair function as follows:
   Turn off multi-pair function: the headset in standby mode, not connect with device, press MFB and volume down button simultaneously and release it until hear four fall tone.
   Turn on multi-pair function: the headset in standby mode, not connect with device, press MFB and volume up button simultaneously and release it until hear four raise tone.
◆ To improve the stabilization of headset, we suggest you turn off   the multi-pair function when you only connect with one cell phone.

3. Wearing the headset
The headset is retractable design, please adjust the headband according to the actual use. 'L' logo on the headset is for left ear, 'R' logo on the headset is for right ear, please wear the headset as following picture：

4. Reconnecting with a Bluetooth device
1) Automatic connecting
Every time the headset is turned on, it will connect to last connected device automatically.
2) Manual connecting
When the headset is in standby mode and not connect with device, short press any button of headset, it will connect to last connected device.
Remarks:
◆ Before connecting to a Bluetooth device, please turn on the Bluetooth function of Bluetooth device.
◆ On some Bluetooth devices, take some Nokia cell phones for example, you have to allow automatic connecting in the cell phone's settings. Please refer to your cell phone's manual for further information.

5. Making a call with the headset
1) Basic operation

Functions	Status of headset	Operation
Cancel a call	Calling	Short press MFB once
Answer a call	Incoming ringing	Short press MFB once
Reject a call	Incoming ringing	Long press MFB for 2 seconds and release it until listen a tone
End a call	During a call	Short press MFB once
Volume up	During a call	Short or long press∧button
Volume down	During a call	Short or long press∨button
Transfer conversation to mobile phone	During a call	Long press MFB about 2 seconds
Transfer conversation to headset	During a call	Long press MFB about 2 seconds

Microphone mute	During a call	Long press ∧ button about 2 seconds
Cancel mute	During a call (microphone mute)	Long press ∧ button about 2 seconds
Voice dial	Standby mode (connected device)	Short press MFB and ∧ button simultaneously
Redial the last number	Standby mode (connected device)	Double click MFB
Delete paired list	Charging status	Long press ∧ and ∨ button simultaneously, red and blue LED flash simultaneously and you will hear prompt tone

Warning: Excessive pressure from earphones and headphones can cause hearing loss.

Note:
◆ Not all the mobile phones support all the functions listed above. Please refer to your mobile phone user's manual.
◆ Different function and prompt tone according to different mobile phone.
◆ When the volume is adjusted to max or min, you will hear one prompt tone.
◆ When pressing the answer button on some mobile phones, the call will be transferred to the mobile phone. You can switch the call to the headset by using the conversation switch button or through operating on the mobile phone. Please refer to your mobile phone user manual for further information.

2) Three-ways call operation

Functions	Status of headsets	Operation
Answer new call and end current call	There are second incoming call	Short press MFB once
Answer new call and retain current call	There are second incoming call	Double click MFB
Switch calls	Keep conversation	Double click MFB
End current call and switch retain call	Keep conversation	Short press MFB once

3) Connecting with two cell phones to make a call

Functions	Status of headset	Operation
Retain phone call #1 and answer phone call #2	During phone call #1, phone 2 has incoming call	Double click MFB
End phone call #1 and answer phone call #2	During phone call #1, phone 2 has incoming call	Short press MFB once
Switch call	During call, one of phone call is retained	Double click MFB
End current call, back to retain phone call	During call, one of phone call is retained	Short press MFB once

6. Playing music

When the headset connects to a mobile phone or Bluetooth transmitter which supports A2DP, you can enjoy music wirelessly through the headset.

Function	Status of the headset	Operation
Volume up	Playing music	Short press ∧ button
Volume down	Playing music	Short press ∨ button
Last song	Playing music	Long press ∧ button
Next song	Playing music	Long press ∨ button
Pause	Playing music	Short press MFB once
play	Pausing	Short press MFB once
Line in input	Turned off	It can playing music through 3.5mm audio line

Notes:

◆ When playing music on some mobile phones, the music will be transmitted to the mobile phone's speaker instead of the headset. You have to select "transmit the sound via Bluetooth" in the settings menu and then choose "BTH058" as speaker device. The music will be transmitted to the headset. Please refer to your mobile phone's user's manual for further information.

◆ When the volume is adjusted to max or min., you will hear one prompt tone.

◆ If you want to remote control last/next song, pause/play, it needs your Bluetooth mobile phone or Bluetooth transmitter paired with the headset to support AVRCP profile, please refer to the user's manual of your mobile phone or Bluetooth transmitter for further information.

◆ The Bluetooth will disconnect between headset and mobile phone automatically if you plug 3.5mm audio input, and the Line in is available in this time, but the other functions of headset is not available.

7. LED indicator

1) Charging

LED indicator	Status of headset
Red LED on	Charging
Red LED off	Finish charging

2) Pairing with Bluetooth device

LED indicator	Status of headset
Red and blue LED flashes alternately	Pairing mode
Blue LED flashes once every 2 seconds	Not connect device
Blue LED flashes twice every 4 seconds	Have already connected device
Blue LED flashes continuously	Calling/incoming call
Blue LED flashes once quickly every 2 seconds	During a call
Red LED flashes instead of blue LED	Low battery

8. Indication tone

Indication tone	Status of the headset
Continuous two prompt tone every 10 seconds	Microphone mute in conversation
Five "dong" warning tone every 5 minutes	Low battery

9. Factory Reset

In the status of charging, long press ∧ and ∨ button about 4 seconds simultaneously and release it until the red and blue LED flash simultaneously and you will hear prompt tone.

Remarks:
◆ After factory reset, the paired list of headset will be deleted. When you turn on the headset again, it will enter paired mode automatically, but it won't connect with device automatically, you should re-pair and connect with devices.

■ Care and maintenance

Read the following recommendations carefully before using BTH058. Following these you will be able to enjoy this product for many years.

◆ Keep it dry and don't put it in the dump place to avoid the product's internal circuit being affected.
◆ Keep the product away from direct sunlight or hot places. High temperatures will shorten the life of electronic devices, destroy the battery or distort certain plastic parts.
◆ Don't use this product during sport to avoid the sweat into product so that damage the product. This product is not water-resistant.
◆ Don't expose the product to cold areas. It may damage the internal circuit board.
◆ Don't try to disassemble the product as it may get damaged if you are not professional.
◆ Don't let it fall down onto the floor or other hard surfaces. The internal circuit might get damaged.
◆ Don't use intensive chemical products or detergent to clean the product.
◆ Don't scratch the surface with sharp things.

In case the product doesn't function properly, send it to the store you bought it. The staff will help you to solve the problem

■ FAQs

1. What does it mean if all the LED indicator turns red?
    Battery is low power, need to be recharged.

2. Why is the red LED off when charging?
a) Please make sure the charging device connect with headset Well;
b) You didn't use the headset for a long time, the battery may dry up. At this time, you have to charge the battery for 30 minutes, and then the red LED will be ON.

3. How far is the effective rang between the headset and mobile phone?
According to the Bluetooth standard, the max available range of ClassII headset is 10 meters. It varies under different environment.

4. Why my mobile phone can not search and find the headset?

The mobile phone will not find the headset if headset and mobile phone are not under the pairing mode. Make sure the headset is under the pairing mode and in the effective working range, and then the headset can be paired and connected.

5. Why the headset can not hear the voice?

a) Make sure the headset has been switched on;

b) Make sure the volume is not too low or muted;

c) Make sure the headset connects with the mobile phone correctly;

d) Make sure the distance between the headset and the cell phone is in the available Bluetooth range.

6. Why the headset can not hear the voice clearly in conversation?

a) Make sure the mobile phone is in the strong signal area;

b) Make sure the headset is in the available range of this product.

7. Why can't control pause, play, last song and next song when playing music?

This function needs your Bluetooth device supports AVRCP (Audio/Video Remote Control profile)

■ **Specifications**

Bluetooth version	Bluetooth V4.0
Bluetooth profiles	Headset, Hands free, A2DP, AVRCP
Operating distance	10meters
Headset working time	Music time: about 13 hours Talk time: about 14 hours
Standby time	About 730 hours
Charging input	DC5.0V $===$ 500mA
Headset charging time	About 3 hours
Dimension	185*168*72mm
Weight	Approx 182g

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 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.