

BTH002N
Bluetooth stereo headset
User' guide

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Welcome to use this Bluetooth stereo headset, BTH002N. Please read this user's manual carefully before using it.

■ Brief introduction

1. Bluetooth wireless communication technology

Bluetooth is a standard of close range radio-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 range of class I can reach up to 100 meters.

2. About BTH002N

BTH002N is a stereo Bluetooth headset. 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 the BTH002N. Steps as following:

1) Pairing with the Bluetooth mobile phone and PDA which support HFP.

- ◆ Answer, end and reject call from the headset
- ◆ Redial last number
- ◆ Voice dial
- ◆ Adjust the volume
- ◆ Switch the conversation between the headset and the mobile phone
- ◆ Microphone mute

2) Pairing with Bluetooth music devices and Bluetooth transmitter which support A2DP

- ◆ Enjoy music wirelessly
- ◆ Adjust the volume
- ◆ Remote control the function of pause/play
- ◆ Remote control last/next song

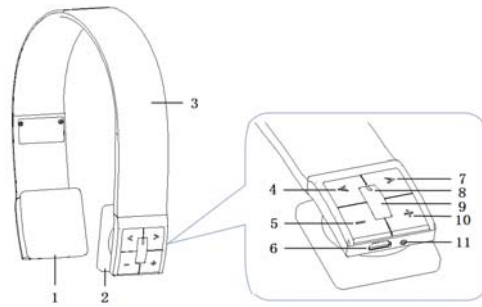
3) Easy to switch between conversation and music, you will not miss the incoming call during listening to music.

4) Automatic connecting with the last paired device when turn on the headset.

Note: Even though the paired device and headset support the same Bluetooth profiles, the functions may be different due to the specification difference of the paired devices.

■ **Before using**

1 Overview



- 1) Left speaker
- 2) Right speaker
- 3) Retractable string
- 4) < key :last song
- 5) - key: volume down
- 6) Charging port
- 7) > key :next song
- 8) LED Indicator
- 9) Multifunction button (MFB):Switch on/off the headset, answer, end and reject call, microphone mute, voice dial and voice transfer, redial last number, pause and play
- 10) + key: volume up
- 11) Built-in microphone

2 Charging the headset

First time charging

Before you use this Bluetooth headset, please charge the battery of BTH002N fully.

Next time

When you hear three warning tones of “DONG” every 20 seconds, at the same time, the red light blinks two times. It means the battery is low power and need to be charged. There are two types of charging as below:

A. Charging the battery with travel charger

Step1: Plug the travel charger into standard AC power outlet.

Step2: Connect the travel charger with the charging port of the headset.

When the red light is on, the headset is charging.

When the red light is off, the headset is charged fully.

It takes about 3 hours to charge the headset fully.

B. Charging the battery with USB cable

Step1: Insert USB charging cable into USB port of PC.

Step2: Connect charging cable with the charging port of headset.

When the red light is on, the headset is charging.

When the red light is off, the headset is charged fully.

It takes about 3 hours to charge the headset fully.

Note:Choosing travel charger or USB cable depends on different countries or areas and actual demands.



Warning:

- 1) The battery is recycled.
- 2) Do not dispose of the battery in fire, as it may cause explosion.

■ **How to use**

1. Switching on / off headset

Function	Operation	LED indicator	Indication tone
Switch on	Press the MFB button for 3-5 seconds, and release it till the blue LED is on	Blue LED is on for 1 second	A long "DI" tone
Switch off	Press the MFB button for 3-5 seconds, and release it till the red LED is on	Red LED is on for 1 second	A long "DI" tone

Note: In order to save power, the headset will automatically switch off if no devices can be connected within 5 minutes after switching on.

2 Pairing the headset with Bluetooth devices

How to enter pairing mode

Function	Operation	LED indicator	Indication tone
Enter pairing mode	Make sure the headset is off. Press and hold MFB button for 7-9 seconds, and release it till the red and blue LEDs blink alternately	Red and blue LEDs blink alternately.	Two "DU" tones

Note: The pairing mode will last 2 minutes, If the headset still can't pair with any Bluetooth devices after 2 minutes, it will switch into standby mode automatically.

Pairing the headset with Bluetooth mobile phone

Please make sure your mobile phone has Bluetooth function that can be used. Specific pairing procedures may vary with different mobile phone. Please refer to your mobile phone manual for further information. Steps as follows:

- 1) Please keep the headset and mobile phone in the range of 1 meter when pairing.
- 2) Make the headset enter into pairing mode (Please refer to "how to enter into pairing mode").

- 3) Start the Bluetooth function of mobile phone and search the Bluetooth devices. After searched, select "BTH002N" in the Bluetooth device list.
- 4) According to indication, enter password or PIN No:"0000",and press the key of "Yes" or "confirmed".
- 5) After successful pairing, select "BTH002N" in the Bluetooth device list, and press "connect".
- 6) After successful connecting, the blue LED of the headset quickly blinks twice or three times every 4 seconds.

Notes:

- ◆ If the pairing is not successful, please switch off headset firstly, and then re-pair according to the step 1~6 mentioned above.
- ◆ After pairing is successful, paired devices will remember each other. Unless pairing information is deleted because of new pairing, no need to pair when use next time. The headset can remember 8 paired devices, when paired devices exceed 8 paired devices, the first one will be replaced.
- ◆ If you want to pair the headset with other devices, please pair it with the new device according to steps 1~6 mentioned above.

Pairing the headset with Bluetooth transmitter

You can enjoy music wirelessly through connecting headset with stereo Bluetooth transmitter,. Here take BTT001 (single sale) iPod general Bluetooth transmitter for example. Pairing steps as follows:

- 1) Keep the Bluetooth transmitter and headset in the range of 1 meter when pairing.
- 2) Make the headset enter into pairing mode (refer to "How to enter into pairing mode).
- 3) Turn on the Bluetooth transmitter. It will search Bluetooth device automatically and start pairing.
- 4) When the headset requests PIN No, the Bluetooth transmitter need to respond "0000" automatically.
- 5) After successful pairing and connecting, the blue LED of headset quickly blinks twice every 4 seconds.

Notes:

- 1) The pairing password of BTH002N is "0000", so, the headset can't pair with the Bluetooth transmitter which pairing password is not "0000".

- 2) If the pairing is still not successful after trying several times, please refer to your Bluetooth transmitter manual carefully..

Multi-pair

The headset can connect with two devices at most. One is the mobile phone with HFP profile, another is the devices with A2DP profiles. If you want to finish the pairing of several Bluetooth devices, please refer to the following steps:

- 1) Firstly, pair the headset with Bluetooth transmitter (refer to "pairing headset with Bluetooth transmitter).
- 2) Switch off the Bluetooth transmitter.
- 3) Pair and connect the headset with the Bluetooth mobile phone (refer to "pairing headset with Bluetooth mobile phone").
- 4) Restart Bluetooth transmitter, it will connect with headset automatically.

Notes:

- ◆ After successful pairing with several Bluetooth devices, the paired devices will remember each other. Unless pairing information is deleted because of new pairing, otherwise make mobile phone and headset set up hands free connection next time, and re-start the Bluetooth transmitter, then the connection of several devices can be performed.
- ◆ For the mobile phone which supports the HSP and A2DP at the same time. It may set up connection with HSP and A2DP simultaneously. At this time, start Bluetooth transmitter may not connect with the headset again.

3 Re-connecting to a Bluetooth device

1) Automatic connecting

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

2) Manual connecting to last connected HFP device

When the headset is in standby mode and doesn't connect to any HFP devices, short press **MFB** button twice, it will connect to last connected HFP device automatically.

3) Manual connecting to last connected A2DP device

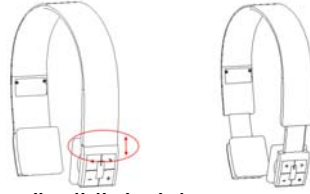
When the headset is in standby mode and doesn't connect to any A2DP devices, short press > (next song) button, it will connect to last connected A2DP device automatically.

Notes:

- ◆ Before connecting to a Bluetooth device, please turn on the Bluetooth device's Bluetooth function.
- ◆ On some Bluetooth devices, take some Nokia mobile phones for example, you have to allow automatic connecting in the mobile phone's settings. Please refer to your mobile phone's manual for further information.

4 Wearing the headset

The string of this headset is retractable, please adjust according to the actual use. Logo "L" of headset represents left ear, Logo "R" of headset represents right ear. Please wear the headset according to the indication of the Logo.



5 Making calls with the headset

Function	Status of headset	Operation
Voice dial	Standby mode	Press and hold > (next song) button for 2s, release it till hearing indication sound
Redial last number	Standby mode	Short press MFB twice quickly
Volume up	Conversation mode	Short press or long press + key
Volume down	Conversation mode	Short press or long press - key
Answer calling	Ringling	Short press MFB
Reject calling	Ringling	Press and hold MFB for 2s, and release it till hearing indication sound

Function	Status of headset	Operation
End calling	Conversation mode	Short press MFB
Call transfer	Conversation mode	Press and hold MFB for 2s, and release it till hearing indication tone
Microphone mute	Conversation mode	Quickly press the MFB twice
Cancel mute	Conversation mode (mute)	Quickly press the MFB twice

Warning: Excessive pressure from headphones can cause hearing loss.

Notes:

- ◆ Not all the mobile phones support all the functions listed above. Please refer to the instruction of your mobile phone.
- ◆ Some functions and indication tones may vary with different mobile phones.
- ◆ When the volume is adjusted to max or min, you will hear a indication tone.
- ◆ For some mobile phones, when you press the key of accepting on the phone, the conversation will be sent to the mobile phone. At this time, you can switch the call to headset by using the conversation switch button or through operating on the mobile phone. Please refer to the instruction of your mobile phone for further information.

6 Playing music

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

Function	Status of the headset	Operation
Volume up	Playing music	Short or long press + key
Volume down	Playing music	Short or long press - key

Function	Status of headset	Operation
Pause	Playing music	Short press MFB
Play	Pausing	Short press MFB
Last song	Playing music	Short press < key
Next song	Playing music	Short press> key

Notes:

- ◆ For some of mobile phones, when they are playing music, the music will transmit to the speaker of mobile phone, you have to choose “transmit the sound through Bluetooth” in the “setting” of music play interface, and then choose “BTH002N” in the device list, the music will be transmitted to the headset. Please refer to the instruction of your mobile phone for further information.
- ◆ When the volume of headset is adjusted to max. or min, you will hear a indication tone.
- ◆ Remote control the function of last song/next song/pause/revert, it needs your mobile phone or Bluetooth transmitter supports AVRCP. Please refer to the instruction of your mobile phone or Bluetooth transmitter. for further information.

7 Restoring to factory defaults and resetting

Make sure the headset is off, press and hold MFB and + buttons simultaneously for about 8 seconds, release them when you hear two “DU” tones and see red LED is on, now the headset restores to factory defaults, and the pairing information will be deleted.

Charge the headset to make it reset.

8 LED indicator

1) Charging

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

2) Pairing with the Bluetooth devices

LED Indicator	Status of the headset
Red and blue LEDs blink alternately	Pairing mode
Blue LED quickly blinks once every 2 seconds.	Not connected to a device
Blue LED quickly blinks twice every 4 seconds	Set up HFP or A2DP connection
Blue LED quickly blinks three times every 2 seconds	Set up HFP and A2DP connection
Blue LED gradually turns on and off	Conversation mode
Red LED blinks twice every 20 seconds	Low power

9 Indication tone

Indication tone	Status of headset
Two tones every 3 seconds	Conversation mode and microphone mute
Three "DU" tones every 20 seconds	Low power

■ Care and maintenance

Please read the following suggestions carefully, that will help you to fulfill any warranty obligations and to enjoy this product for many years.

- ◆ Keep dry and don't put it in the dump place, in case of effecting the interior circuit of product.
- ◆ Don't put the product under the sunlight or place hot areas. High temperature will short the life of electronic device, destroy the battery, or distort certain plastic.
- ◆ Don't expose the product in the cold areas. It may damage the internal circuit board.
- ◆ Don't try to take apart the product. It may damage the product if you are not professional.
- ◆ Don't fall off on the floor or knock the hard substance. It may damage interior circuit.
- ◆ Don't use intensify chemical or detergent to clean the product.

◆ Don't scrap 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 Why does red light blink twice every 20 seconds?

Battery is low, need to be recharged.

2 Why is not the red light bright when charging?

- a) Please make sure the charging device connects 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 light will be bright.

3 How far is the effective rang between the headset and mobile phone?

According to the Bluetooth standard, the max. controllable range of Class2 headset is 10 meters. It varies under different environment.

4 Why can not my cell phone 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 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 normal working scope.

6 Why is the voice not clear in conversation.

- a) Make sure the mobile phone is in the strong signal area.
- b) Make sure the headset is in the function range of this product.

7 Why can't control the function of 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 V2.1+EDR
Bluetooth profiles	Headset, Hands free, A2DP, AVRCP
Effective range	10 meters
Working time	Music: Up to 10 hours Talk: Up to 11 hours
Standby time	Up to 250 hours
Input	DC: 5V/130mA
Charging time	Approx 3 hours
Dimensions	162×153.5×32 mm
Weight	Approx. 103 g

Notes:

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.