Bluetooth Active Noise Cancelling Headphone

Model No.: BNC100
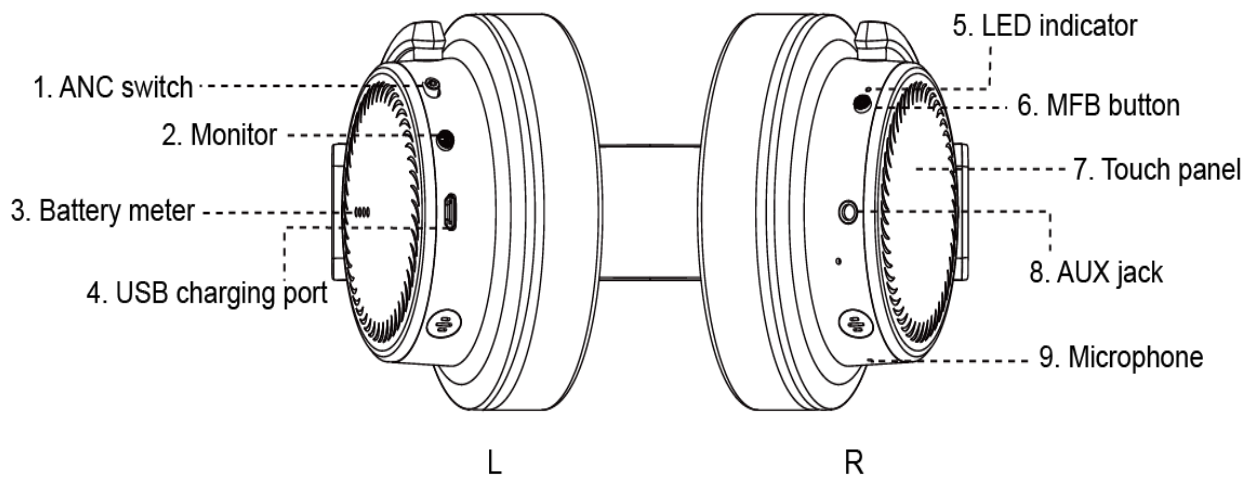
FCC ID: R2M-BNC100

User manual

Important Safety Instruction

If used in the correct method, this design and production of this product can ensure your personal safety completely. However, any inappropriate use may lead to potential risk and danger of electric shock or fire hazard. Please read all the safety instructions before installing and using the product. In particular, attention shall be given to the following information:

1. It needs to be stored or used in the ambient temperature.

2. It shall not be placed in water or wet locations.

3. It cannot be disposed randomly because it may cause environmental pollution.

4. Without approval, it shall not be disassembled or repaired.

5. The built-in lithium battery can't be disposed in the fire or other places to prevent causing fire hazards.

6. It shall be cleaned with dry cloth.

7. Whenever there is damage, it needs to be repaired by professional personnel.

Headphone overview

1. ANC switch
2. Monitor
3. Battery meter
4. USB charging port
5. LED indicator
6. MFB button
7. Touch panel
8. AUX jack
9. Microphone

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1. ANC switch

2. Monitor (for the surrounding sound)

3. Battery meter

4. USB charging port

5. Bluetooth LED indicator

6. MFB (Power on / Power off / Call / Pair button)

7. Touch panel (Play/pause, Volume +/-, Last track / next track)

8. AUX jack

9. Microphone

Power on / off

Powering on

● Ensure the headphones are turned off.

● Press the MFB button (6) until a "beep" sound is heard then release the button

● A solid or flashing blue light on the right side should indicate that the BNC100 is powered on

Powering off

- Ensure the headphones are turned on.

- Press the MFB button (6) until the right Led indicator light turns solid red with a descending sound.

Pairing the device

1. Making sure there is power remaining in BNC100.

2. Press and hold the MFB button (6) until the LED indicator (5) flashes in blue once then in blue and red alternatively which indicates that the headphone entered into pairing mode.

3. Enable searching of nearby Bluetooth devices using the Bluetooth menu on your device.

4. Select "**BNC100**" from the Bluetooth device list on your mobile phone. If connected, the headphone will enter into standby mode.

BNC100 can be paired with two Smartphone at the same time.

If BNC100 was previously paired to a Smartphone, it is possible to be paired with a 2nd Smartphone: restart BNC100 (switch off and switch on) to enter pairing mode; repeat the above pairing procedure to pair BNC100 with the 2nd Smartphone; and then reconnect BNC100 with 1st Smartphone; finally two Smartphone can connect with BNC100.

Note:

1. The headphone will automatically connect the last paired device once it is in effective range.

2. The headphone will be turned off automatically if no device connected within 10 minutes.

To clear the pairing list

When Bluetooth is paired, let go and press 2 until the purple light is on.

Blutooth Mode:

Playing music

Thanks to the sensitive touch panel (7) on the right side of BNC100, it is possible to play/pause, control the music selection on your device, and adjust the volume as well, simply by touch.

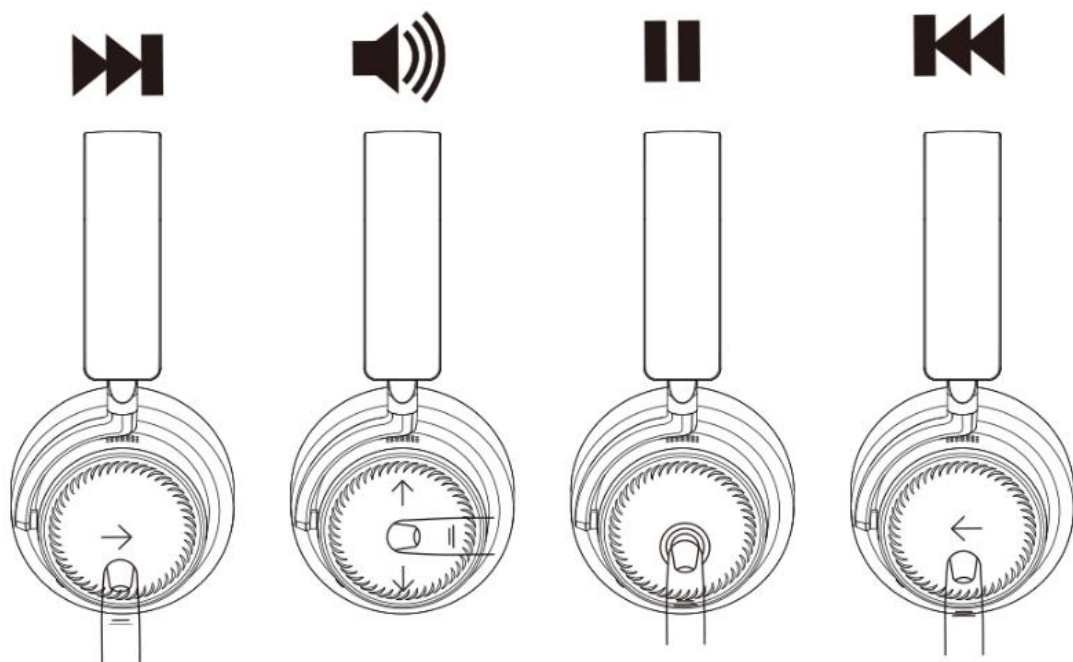1) To play / pause music, when the headphone put on the head, tap the touch panel in the middle twice.

   (NOTE：To control the play/pause music, as the sensors functions of the headphone, you must put the headphone on head or put your centre of the palm to full touch the earmuff. To control the play/pause music).

2)   Slide your finger vertically on the touch panel (7) to adjust the volume of your music or the caller voice. You will hear a "beep" when the volume reaches to its maximum / minimum.

3)   Sliding your finger horizontally on the touch sensitive control panel to play the next track or return to the previous one.

4)   It is even possible to use the control all the functions previously explained through the paired device, if supported.

5)   While you are listening to the music the LED (5) keeps blue.

Warning:

In order to avoid ear damage, please make sure the volume is not too loud before listening to the music.

Touch control and motion detection

Make and receive calls

Thanks to the internal microphone **(9)**, if BNC100 is paired to a mobile phone, it is possible to make and receive calls.

1) Answer a call.

When a call is coming, the LED flashes blue and "beep" sound heard. To answer a call, press briefly the MFB button (1).

2) End a call.

To end a call, press briefly the MFB button (1) during the call.

3) Reject an incoming call.

To reject an incoming call press the MFB button (6) twice quickly and you hear a tone, then release the MFB button. The incoming call is rejected.

4) Call the last selected number.

Press twice (double click) the MFB button (6)`.
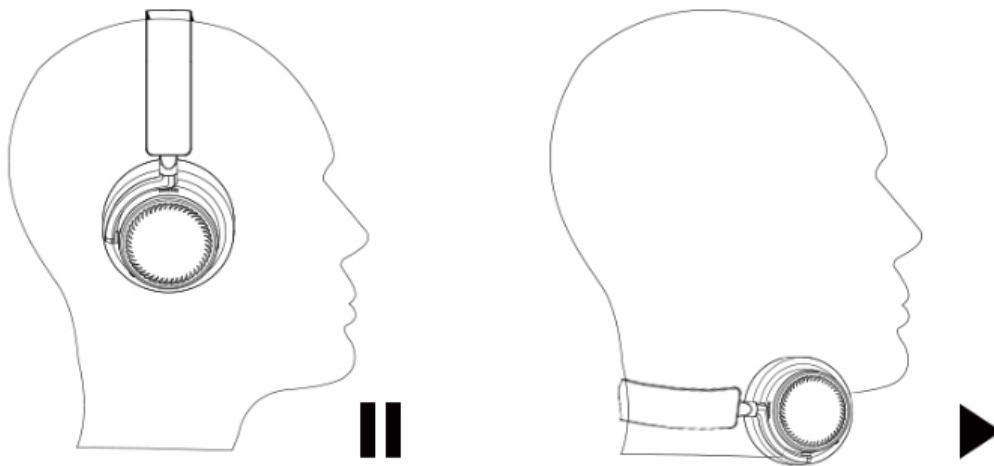
5) Transferring a call

While speaking, press and hold the MFB button (6) for 3 seconds and a brief "beep" sound is heard then release to transfer a call from your headphone to your mobile phone (Please check if your mobile phone has this function). Repeat the above procedure to transfer the call from your mobile phone to your headphone.

Note:

1） If the paired device supports it, you can perform all the functions described in this chapter while you are listening to the music.

2） The LED flashes blue during the call.

3） You can move your finger on the touch panel (7) upward or downward to adjust the volume during the call.

The sensors of body Mode:

The human body response

Thanks to the built-in sensors of BNC100 headphone. We can control the headphone music simple by put on the head or put off the head in Bluetooth mode.

1. When in bluetooth mode and the headphone paired with Bluetooth devices, the music will automatic to play, and when you put down the headphone, the music will automatic to pause.

    In this time, you can't control the music put double click the middle of the touch panel.

2. When in bluetooth mode and the headphone with Bluetooth devices, put down the headphone on the desk, use your centre of the palm to full touch the earmuff, the music will automatic to play. If remove, the music will automatic pause.

Active Noise Cancelling Mode:

• Adjust the volume on the headphones.

• To power ON the noise cancelling function, push the ANC switch (1) to the right. The Battery meter (3) will light up in **blue three times.**

Note: After you turn ON the power, you might hear a slight hissing noise. This is a normal function and will cease after a few seconds.

• When the batteries are running low, the Battery meter (3) will become dim.

• Once the battery is fully drained, the active noise cancelling feature will turn off but the audio signal from the music player will continue to transmit.

• In quiet environments where noise cancellation is not required, the BNC100 can also be used like conventional headphones, without the use of batteries.

• When not in use, push the ANC switch (1) to the left to extend battery life.

External audio resource play

Connect the external audio sources with the **RIGHT AUX jack** on the headphone by 3.5mm audio cable.

Charging the battery

Fully charge the battery for about 4 hours before using this headphone for the first time.

Plug the smaller end of USB charging cable into the interface of the USB charging port (4).

Next, plug the other end of the USB charging cable into other power charging devices or a computer with the power on. The 4 led indicators will keep in blue during charging.

Trouble shooting

Q1. Why can't I power on the headphone?

A1: The headphone may have run out of the battery power. Please charge the battery via the included charging cable.

Q2. Why can't I connect the headphone to my Bluetooth device?

A2.1.   The Bluetooth function on your device may have been turned off. Please turn on the Bluetooth function on your device and allow it to search for compatible devices.

A2.2 The headphone may have been connected to another device. Please disconnect (unpaired) the headphone from the previous device before connecting them to a new one.

A2.3. The headphone may not have been recognized by your device.

Please turn off the headphone, turn them back on, and search for the headphone on your Bluetooth enabled device, and make the connection again.

A2.4. The headphones may be too far away from your Bluetooth device. Please make sure that the headphones are close enough to your device and there is no obstacle between them.

Q3. Why aren't the headphones playing sound tracks in the Bluetooth mode?

A3.1. The headphones may not have selected as the output device. Please adjust the setting on your Bluetooth enabled device to use the headphones to play the sound tracks.

A3.2. The volume may have been adjusted to the minimum. Please adjust the sound wheel to reach desired volume.

Q4. Why is the sound quality very poor in the Bluetooth mode?

A4.1: The Bluetooth connection may not be in its optimal condition. Please make sure that the headphones are close enough to your device, and there is no obstacle between them.

Product Specifications:

1. Bluetooth version: 4.1

2. Bluetooth chipset: CSR8670 with aptX Low Latency

3. Noise cancellation rate: approximately 95%

4. Bluetooth profiles: HFP, HSP, A2DP, AVRCP, AAC, aptX, aptX Low Latency

5. Speakers: 40mm neodymium

6. Audio impedance: 32Ohm

7. Charging time: about 3~4 hours

8. Charging: Micro USB

9. Bluetooth operating range: ≥10 m

10. Connection: 3.5mm jack

11. Battery time (Bluetooth only): 19.5 hours

    Battery time (Noise cancelling only): 25 hours

    Battery time (Bluetooth + noise cancelling): 10 hours

12. Battery type: Li-Polymer

Package content

1. Headphone

2. Micro USB charging cable

3. 3.5mm audio cable

4. 1/4'' stereo-plug adapter

5. Small Mesh Bag

6. Dual plug adapter

7. Hard carrying case

8. User manual

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

Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the 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.