

Active Noise Cancelling Bluetooth Headphones

BNC100-LE



User Manual

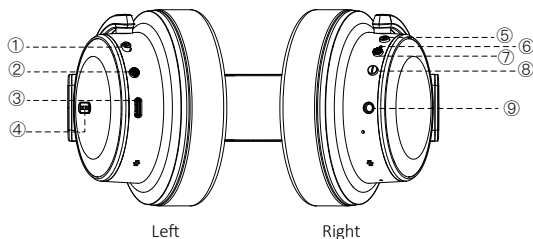
Welcome to use BNC100-LE active noise cancelling headphones

Congratulations on your purchase of our BNC100-LE active noise cancelling headphones. The following page will provide a detailed introduction to the functions and operations of BNC100-LE. Please take some time to read this user guide. Before performing any operations, please read all safety instructions. If you encounter problems with settings and functions, you can generally find solutions in this guide. If you have any other questions about the operation or use of this product, please contact us.

Package Content

- ① BNC100-LE Headphone
- ② USB-C Charging Cable
- ③ 3.5mm Audio Cable
- ④ Dual Plug Adapter
- ⑤ User Manual
- ⑥ Hard Carry Case
- ⑦ Accessory Storage Mesh Bag

Overview



- ① ANC Switch
- ② Transparency Mode Button
- ③ TYPE-C Charging Port
- ④ Battery Level Indicator (White LED)
- ⑤ Volume Up / Previous Track

- ⑥ Bluetooth Indicator Light
- ⑦ Multifunction Button (MFB)
- ⑧ Volume Down "-" / Next Track
- ⑨ 3.5mm Audio Jack

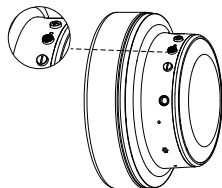
Operation Instruction

Power on

Press and hold MFB button for 3 seconds.

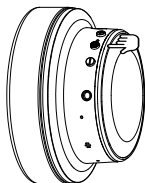
Power off

Press and hold MFB button for 5 seconds.



Play the Music

Play/pause	Press MFB once to play/pause music
Previous / Next track	Long press the "+" or "-" button to play the previous or next track
Adjust Volume	Press the "+" or "-" button to increase or decrease the volume



Call Related

Answer a call	Press the MFB button once to answer an incoming call
End a call	Press the MFB button again to end an ongoing call
Reject a call	Double press the MFB button when there is an incoming call

Active Noise Reduction (ANC)

Adjust the volume of BNC100-LE to ensure it is at the correct level and not too high.

ANC On	Push the ANC switch upwards to turn it ON
Transparency Mode	In ANC mode, press the Transparency Mode Button to switch
ANC Off	Push the ANC switch downwards to turn it OFF

Attention: ANC stands for "Active Noise Cancellation", which aims to eliminate noise in the environment, allowing you to enjoy music without distractions during work, travel and relaxation. It is most effective in reducing low-frequency noise such as airplane engine sounds or crowd noise (frequency range from 20Hz to 20KHz).

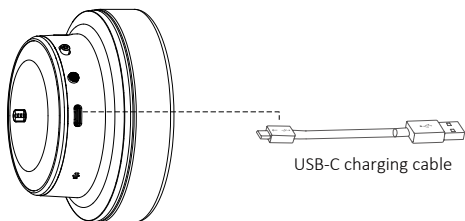
Transparent Mode is a feature of Bluetooth headphones that allows users to hear the surrounding environmental sounds while wearing the headphones. It utilizes the built-in microphone of the headphones to transmit the ambient sounds into the ears. For example, amplifying ambient sound, Transparent Mode can amplify the surrounding sound, enabling users to hear conversations, traffic sounds, or other ambient sounds more clearly.

Headphone Charging

Step 1: Insert the provided USB-C charging cable into the charging port on the headphones.

Step 2: Plug the other end of the USB-C charging cable into the corresponding interface on a computer, TV, or power source.

During the charging process, the LED indicator will appear with a flashing white light, and the white light will progressively increase until all four white lights are constantly on, indicating that the battery is fully charge.



Note: Before first use, please make sure to charge the headphones for at least 2 hours. The headphones cannot be used while charging.

Bluetooth Pairing

1. In Bluetooth mode, press and hold the MFB button for 3 seconds to turn on and enter pairing mode. The Bluetooth indicator light will flash rapidly in green, indicating a successful pairing. Turn on the Bluetooth function on your phone, search for and select "BNC100-LE" to connect. Once connected, your headphones will be successfully paired with your phone.
2. To switch to ULL mode, press the MFB button twice. In ULL mode, the headphones will automatically enter pairing mode, and the LED indicator will flash rapidly in purple. Once connected, the purple LED indicator will remain lit.
3. In BIS mode, if you want to connect the included dongle(if included), one dongle can connect multiple headphones.

Reconnection Function

The BNC100-LE headphones will automatically reconnect with the last paired phone, eliminating the need to pair them again every time. Just make sure your device (Bluetooth enabled) and BNC100-LE are both turned on, wait for 2 to 10 seconds.

Note: If the automatic reconnection fails, please select "BNC100-LE" from the Bluetooth device list on your device.

Clearing the Pairing List

To clear the pairing list of the headphones, press and hold the MFB button for 10 seconds while the headphones are turned off. The purple LED light will illuminate for 1 second, indicating that the pairing list has been cleared.

Searching for Broadcast Stations (Auracast Mode)

Press the MFB button three times to enter Auracast mode, which automatically searches for broadcast stations. By default, the headphones will automatically reconnect when powered on (the blue LED light will flash rapidly during the station search and remain steady when connected).

Switching Modes

Press the MFB button twice to switch to Classic Bluetooth mode (green LED light), press the MFB button twice again to switch to ULL mode (purple LED light), and press the MFB button twice again to switch to Auracast mode (blue LED light).

Specifications:

Bluetooth Version:	5.3
Bluetooth Chip:	AB1585
Noise Reduction Ratio:	Approximately 95%
Supported Audio Codes:	LC3, HFP, HSP, A2DP, AVRCP, AAC
Speaker Size:	40mm
Charging Time:	Approximately 3 hours
Charging Port:	Type C
Bluetooth Range:	≥20m
Wired Connection:	3.5mm audio cable

Battery Life:

1. Bluetooth Only:	Up to 15 hours
2. Noise Reduction Only:	Up to 25 hours
3. Bluetooth + Noise Reduction:	Up to 12 hours

Problems & Solutions

Problem: How to charge the headphones?

Solution: When the battery level is below 10%, the Bluetooth indicator light will flash red, and you will hear a "Battery low" prompt every five minutes.

In this case, please charge the BNC100-LE. You can use the provided charging cable to connect the BNC100-LE to your own USB charger (wall charger/travel charger, etc.) with at least 5V/1A output, or connect it to a USB port on your computer/TV. Most phone chargers available on the market can be used.

Problem: Headphones cannot connect to your mobile device.

Solution:

- Check the status indicator lights.
- Disconnect any auxiliary audio cables.
- Disconnect the USB charging cable.
- On your mobile device:
 - 1) Turn off the Bluetooth function, then re-enable it.
 - 2) Delete your BNC100-LE from the device's Bluetooth list, then reconnect.
- Keep your mobile device close to the headphones and away from any interference or obstacles.
- Try connecting with another mobile device.
- Clear the pairing list of the headphones, then reconnect.

Problem: Bluetooth connection is unstable.

Solution:

- Try using a different audio source.
- Connect with another mobile device.
- Disconnect the connection from the second device.

- Keep your mobile device close to the headphones and away from any interference or obstacles.

Problem: No sound during calls.

Solution:

- Turn on the power of the headphones and charge them.
- Check the status indicator lights.
- Increase the volume on the headphones, mobile device, and audio source.
- Keep your mobile device close to the headphones and away from any interference or obstacles.
- Try using a different audio source.
- Connect with another mobile device.

Problem: Headphone battery cannot be charged.

Solution:

- Ensure a secure connection at both ends of the USB-C charging cable.
- Try using another charging source.
- If the headphones have been exposed to high or low temperatures, let them return to room temperature before charging.

Instructions for Use

Safety Precautions:

- Do not use the headphones while engaging in outdoor activities such as running or cycling.
- Ensure that the headband is properly adjusted to a comfortable position and avoid excessive pressure on the head.

- The ear cups should completely cover the ears and be worn snugly but not too tightly on the head.

- Remove the headphones in a timely manner, or turn off the active noise cancelling function and adjust the volume, or switch the headphones to transparency mode to ensure that you can hear surrounding sounds, including alarms and warning signals.

Volume Control and Hearing Protection:

- Start with a low volume and gradually increase it to a comfortable listening level.
- It is recommended to keep the volume below 60% of the maximum level during regular use.
- Avoid listening to music at excessively high volumes, as prolonged exposure may lead to hearing loss.
- Maintain the volume at a level where you can still hear external sounds and have conversations without the need for loud shouting, ensuring a comfortable listening experience. (Listening at high volumes that block out surrounding sounds can pose a danger to you or others.)
- Avoid using the headphones continuously for long periods of time. Take breaks of about an hour or so between sessions. Try not to use them continuously for more than 1-2 hours.

Maintenance and Storage:

- Regularly clean the headphones to remove dust, dirt, and stains. Use a soft, dry cloth to wipe the surface of the headphones, avoiding excessive moisture or harsh chemical cleaners. Ensure that the headphones are completely dry before use.

- When not in use, store the headphones in a dry, clean, and temperature-appropriate environment. Avoid placing them in a damp environment or exposing them directly to sunlight or high temperatures to prevent damage.
- Avoid excessive pulling: When using the headphones, avoid pulling the audio cable too forcefully to prevent cable breakage or damage to the connectors.
- Avoid strong impact: Prevent the headphones from experiencing strong impact or being dropped to avoid damage to internal components.
- Battery maintenance: This headphone is equipped with a built-in battery. Please follow the instructions in the manual for proper use and charging, and comply with the specified voltage and current range for charging.

Other considerations:

- If the battery is depleted or improperly installed, audio input may not be heard. This can cause missed communication when driving an aircraft.
- If the headphones emit any loud or abnormal noise, please turn off the headphones immediately and contact customer service.
- If you feel heat or cannot hear sound, remove the headphones immediately.
- Do not use a phone adapter to connect the headphones to the aircraft seat socket, as this may cause injury or property damage due to overheating.
- Unless in an emergency, do not use the headphones as aviation communication headphones.
- The high environmental noise generated by many propeller-driven aircraft may affect your ability to receive incoming audio communication, especially during takeoff and climb. These headphones are not designed for the noise, altitude, temperature, or other environmental conditions common in non-commercial aircraft and may interfere with critical communication.

Please make sure to follow the above usage considerations to ensure your safety and comfortable listening experience.

FCC Statement:

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 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 correct the interference by one

or more of the following measures:

- Reorient 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

your authority to operate the equipment.

The distance between user and products should be no less than 20cm

The EUT is In door use only