EchoBeatz™ ANC Bluetooth Auracast Wireless Headphones

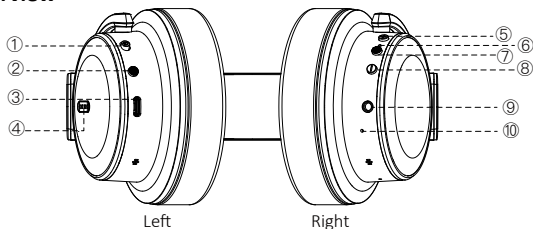Model NO.: AH181

User Manual

Welcome to use EchoBeatz™ ANC Bluetooth Headphones

Congratulations on your purchase of our EchoBeatz™ ANC Bluetooth™ Auracast™ Wireless Headphones. The following page will provide a detailed introduction to the functions and operations of EchoBeatz™. Please take some time to read this user guide. Before preforming 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

①EchoBeatz™ Headphones ②DB100 ULL Audio Transmitter ③Use Manual
④Type-C Charging Cable ⑤3.5mm Audio Cable ⑥Hard Carrying Case
⑦6.35mm Male to 3.5mm Female Stereo Audio Adapter
⑧Dual 3.5mm Male to 3.5mm Female Airplane Headphone Adapter

Overview

Left   Right

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

⑥ Bluetooth Indicator Light
⑦Multifunction Button (MFB)
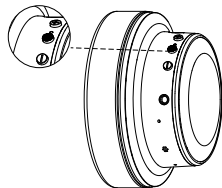⑧Volume Down / Next Track
⑨3.5mm Audio Jack
⑩Microphone

Operation Instruction
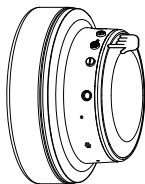
Power on

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 Cancellation (ANC)

Adjust the volume of EchoBeatz™ 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).
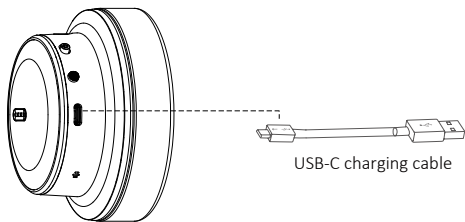
Transparent Mode is a feature of Bluetooth headphones that allows users to hear the surrounding environmental sounds while wearing the headphones. It utilizes the built-in microphone of the headphones to transmit the ambient sounds to the ears. For example, amplifying ambient sound, Transparent mode 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.

USB-C charging cable

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

Bluetooth/ULL/Auracast Connection

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 "EchoBeatz" 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. The UUL mode can be used only while the EchoBeatz is paired with the UUL dongle (DB100).

3. In BIS (Auracast) mode, the headphones can connect with the Auracast transmitter.

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).

Auto Re-connect

The EchoBeatz™ 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 EchoBeatz™ are both turned on, wait for 2 to 10 seconds.

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

Clearing the Pairing List

To clean 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 Auracast Transmitter

In BIS mode, press the MFB button three times to trigger an automatic re-search for a broadcast transmitter. By default, the headphones will automatically reconnect upon powering on (indicated by the blue LED flashing rapidly during the transmitter search and remaining steady once connected).

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 2 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

Trouble Shooting:

Q: How to charge the headphones?
A: 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 EchoBeatz™. You can use the provided charging
cable to connect the EchoBeatz™ to your 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.

Q: Why can't the headphones connect to your mobile device?

A:
• 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 EchoBeatz™ from the device's Bluetooth list, then redo the
pairing and connection again.
• 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.

Q: Why the Bluetooth connection is unstable?
A:
• Try using a different audio source.
• Keep your mobile device close to the headphones and away from any
interference or obstacles.

Q: Why there is no sound during calls?
A:
• Check the power status indicator lights.
• Increase the volume on the headphones, mobile device, or audio source.
• Keep your mobile device close to the headphones and away from any
interference or obstacles.
• Try connecting with another mobile device.

Q: Why the headphones' battery cannot be charged?
A:
• 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:

• Please use headphones with caution when running or cycling outdoors. Take off the headphones promptly, turn off active noise reduction, and adjust the volume, or adjust the headphones to transparency mode to ensure that you can hear surrounding sounds, including alarms and warning signals.

• 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.

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.
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 tempera-sure-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.

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

DB100

Ultra Low Latency (ULL)Audio Transmitter

Multi-Function Button(MFB)

• Press MFB 3 times to switch modes (Broadcast mode
>>Ultra-lowlatency mode)

LED indicator

• Broadcast scan: Blue LED flashing
• Broadcast successfully receiving: Blue LED flashing
• ULL(Ultra-low latency) mode pairing: Purple LED flashing
• ULL(Ultra-low latency) connected: Purple LED stays on

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 and 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.