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> bmani H2 Bluetooth Over-Ear Headsets with Active Noise Cancellation User Manual

bmani H2

bmani H2 Bluetooth Over-Ear Headsets with Active Noise Cancellation

User Manual

INTRODUCTION

Thank you for choosing the bmani H2 Bluetooth Over-Ear Headsets. These headphones are designed to provide a superior audio experience with active noise cancellation, low-latency Bluetooth 6.0 connectivity, and comfortable over-ear design. This manual will guide you through the setup, operation, and maintenance of your new headphones.

WHAT'S IN THE BOX

Please check the contents of your package. If any items are missing or damaged, contact customer support.

- bmani H2 ANC Headphones
- 3.5mm AUX Audio Cable
- USB-C Charging Cable
- User Manual



Image: The bmani H2 headphones, 3.5mm AUX cable, USB-C cable, and user manual as packaged in the box.

PRODUCT OVERVIEW

Familiarize yourself with the various components and controls of your bmani H2 headphones.



Image: A detailed diagram illustrating the control buttons, ports, and battery display on the bmani H2 headphones.

- **Power Button:** Press and hold to power on/off.
- **Volume Up/Next Track:** Short press for volume up, long press for next track.
- **Volume Down/Previous Track:** Short press for volume down, long press for previous track.
- **Multi-function Button (MFB):** Play/Pause, Answer/End calls.
- **ANC Button:** Toggle Active Noise Cancellation on/off.
- **USB-C Port:** For charging the headphones.
- **3.5mm Audio Jack:** For wired connection.
- **Battery Display:** Shows current battery percentage.

SETUP

Charging the Headphones

Before first use, fully charge your bmani H2 headphones. Connect the supplied USB-C cable to the charging port on the headphones and the other end to a USB power source (e.g., wall adapter, computer USB port). The battery display will show the charging progress. A 10-minute charge provides

approximately 3 hours of playtime.

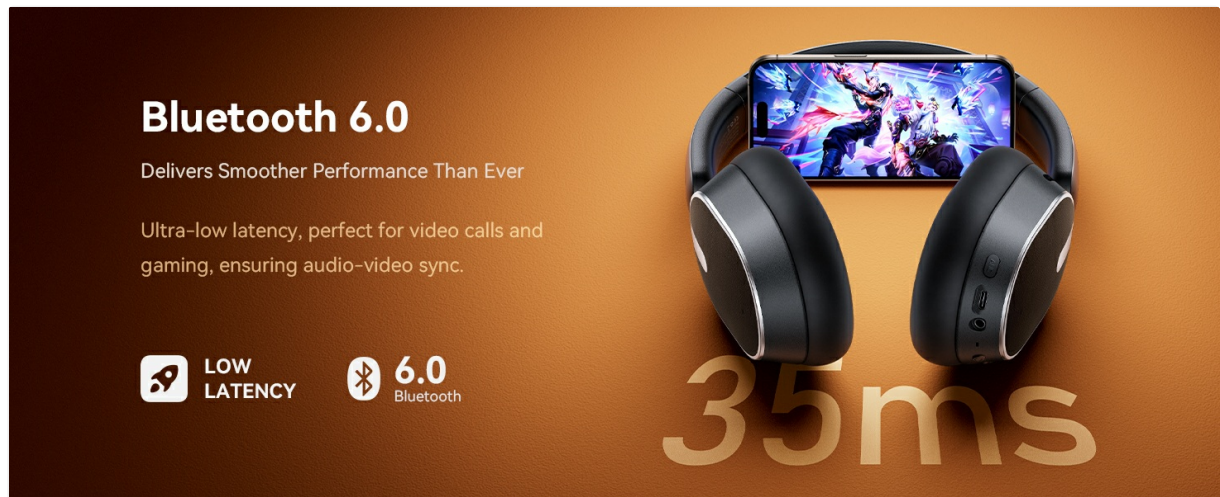


Image: The USB-C charging port and battery display on the bmani H2 headphones, highlighting quick charge capability.

Power On/Off

- **To Power On:** Press and hold the Power button for 3 seconds until the indicator light turns on and you hear a power-on prompt.
- **To Power Off:** Press and hold the Power button for 3 seconds until the indicator light turns off and you hear a power-off prompt.

Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the Power button for 5 seconds until the indicator light flashes blue and red alternately, indicating pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "H2" from the list of devices.
5. Once connected, the indicator light will flash blue slowly, and you will hear a confirmation tone.



Image: The bmani H2 headphones demonstrating one-step pairing with multiple devices, including a smartphone, laptop, and tablet.

Wired Connection (AUX Mode)

You can use the bmani H2 headphones with the included 3.5mm AUX audio cable for a wired connection, even when the battery is low or if Bluetooth is not available.

1. Connect one end of the 3.5mm AUX cable to the audio jack on the headphones.
2. Connect the other end to the 3.5mm audio output of your device.
3. The headphones will automatically switch to wired mode.



Image: The bmani H2 headphones connected via the 3.5mm AUX cable, illustrating the wired mode functionality.

OPERATION

Basic Controls

Function	Action
Play/Pause Music	Short press the MFB.
Volume Up	Short press the Volume Up button.
Volume Down	Short press the Volume Down button.
Next Track	Long press the Volume Up button.
Previous Track	Long press the Volume Down button.
Answer/End Call	Short press the MFB during an incoming call or active call.
Reject Call	Long press the MFB during an incoming call.
Activate Voice Assistant	Double press the MFB.

Active Noise Cancellation (ANC)

The bmani H2 headphones feature Active Noise Cancellation to reduce ambient noise. Press the dedicated ANC button to toggle the feature on or off. When ANC is active, you will experience a significant reduction in surrounding sounds, allowing for a more immersive audio experience.

Speak Clearly, Hear Clearly

Enhanced ENC and 6-Microphone System Deliver Clear Voice in Loud Environments

 **ENC Chip**
Suppress ambient noise

 **6 microphones**
Precise Capture

Image: A person wearing bmani H2 headphones on a train, demonstrating the effectiveness of noise cancellation in reducing ambient sound by -45dB.

Spatial Audio

The bmani H2 headphones incorporate 360° Spatial Audio, utilizing built-in gyroscopes and accelerometers to track head movement in real-time. This technology adapts the audio output to create an immersive 3D sound field, enhancing your listening experience.



Image: A person wearing bmani H2 headphones in a cafe, with visual effects indicating 360° Spatial Audio creating an immersive sound experience.

Clear Calls with 6-Mic Array

The headphones feature an enhanced ENC (Environmental Noise Cancellation) chip and a 6-microphone system. This system precisely detects your voice and ambient noise, producing reverse sound waves to reduce interference and deliver consistently clear calls, even in loud environments.

Feel Every Note

Experience rich, detailed audio with every note coming alive.

The 40mm dynamic driver and finely tuned diaphragm deliver deep bass, clear mids, and crisp highs, revealing subtle musical nuances for a more immersive listening experience.



Image: A person walking outdoors while using bmani H2 headphones for a phone call, highlighting the clear call quality provided by the 6-microphone system.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the headphones. Do not use abrasive cleaners or solvents.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures. When not in use, it is recommended to store them in their original packaging or a protective case.
- **Water Resistance:** These headphones are **Not Water Resistant**. Avoid exposure to water or excessive moisture.
- **Cable Care:** Handle the charging and audio cables gently. Avoid sharp bends or excessive pulling.

TROUBLESHOOTING

If you encounter issues with your bmani H2 headphones, refer to the following common solutions:

- **Headphones won't power on:** Ensure the headphones are fully charged.
- **Cannot pair with device:**
 - a. Ensure the headphones are in pairing mode (indicator light flashing blue and red).
 - b. Make sure Bluetooth is enabled on your device and it is within range.
 - c. Try a **hard reset**: With the headphones powered on, press and hold both the Volume Up and Volume Down buttons simultaneously for about 5-7 seconds until the headphones reset. Then attempt pairing again.
 - d. Forget the device from your phone's Bluetooth settings and try pairing again.
- **No sound:**
 - a. Check the volume level on both the headphones and your connected device.
 - b. Ensure the headphones are properly paired via Bluetooth or the AUX cable is securely connected.
 - c. If using AUX, ensure the cable is fully inserted into both the headphone and device jacks.
- **Poor sound quality or latency:**
 - a. Move closer to your connected device to reduce interference.
 - b. Ensure there are no obstacles between the headphones and your device.
 - c. Try disconnecting and reconnecting the Bluetooth connection.
 - d. If using for gaming, ensure your device supports Bluetooth 6.0 for optimal low latency.

- **ANC not working effectively:** Ensure the ANC button is pressed to activate the feature.
- **Battery display stuck at 99%:** This is a known characteristic for some units and does not affect battery performance or full charge.

If the issue persists, please contact bmani customer support.

SPECIFICATIONS

Feature	Detail
Brand	bmani
Model Number	H2-0429
Form Factor	Over Ear
Noise Control	Active Noise Cancellation
Connectivity Technology	Bluetooth 6.0, Wired (3.5mm Jack)
Audio Driver Type	Dynamic Driver (40mm)
Frequency Range	20Hz - 20,000Hz
Battery Life (Average)	Up to 120 hours
Battery Charge Time	10 minutes for 3 hours playtime
Control Type	Button Control, Touch
Microphone System	6-Mic Array with ENC
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	270 Grams
Water Resistance Level	Not Water Resistant

SAFETY INFORMATION

- Do not disassemble or modify the headphones.
- Keep away from extreme temperatures, humidity, and liquids.
- Avoid prolonged listening at high volumes to prevent hearing damage.
- Do not use headphones while driving or in situations where you need to hear your surroundings.
- Dispose of the product responsibly according to local regulations.

WARRANTY AND SUPPORT

The bmani H2 headphones come with a **5-Year Manufacturer Warranty**. For warranty claims, technical support, or any questions not covered in this manual, please contact bmani customer support through the retailer where you purchased the product or visit the official bmani website.

OFFICIAL PRODUCT VIDEOS

Watch these official videos for additional information and demonstrations of the bmani H2 headphones.

Hybrid Active Noise Cancelling Headphones H2 - Overview

Your browser does not support the video tag.

Video: A brief 15-second overview of the bmani H2 Hybrid Active Noise Cancelling Headphones, showcasing key features and design.

bmani Hybrid Active Noise Cancelling Headphones H2 - Features

Your browser does not support the video tag.

Video: A 28-second video from BMANI OFFICIAL STORE highlighting various features of the bmani H2 Hybrid Active Noise Cancelling Headphones.