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Avantree BTHS-AS100

Avantree Eon Bluetooth Headphones User Manual

Model: BTHS-AS100

1. PRODUCT OVERVIEW

The Avantree Eon headphones are designed for versatile use, offering both wireless and wired connectivity, active noise cancellation (ANC), and a detachable noise-canceling microphone. They feature a comfortable over-ear design with replaceable components for extended lifespan.

Key Features:

- **Outstanding Versatility:** Detachable boom mic, wireless and wired modes for various applications.
- **Increased Lifespan:** Replaceable earpads, battery, and headband.
- **Clear Audio:** Hybrid active noise cancellation and transparency mode for listening, environmental noise-canceling mic for calls.
- **Extended Playtime:** Up to 45 hours of battery life with a convenient charging stand.
- **Supreme Sound:** 40mm drivers deliver powerful audio with a wide sound range and deep low-end frequencies.
- **Ergonomic Comfort:** Spacious, plush earpads and an accommodating headband for universal comfort.

What's in the Box:

- Eon Headphones
- Detachable Noise-Filtering Boom Mic
- Charging Stand
- Protective Case
- 3.5mm AUX Cable
- USB C Charging Cable

WHAT'S IN THE **BOX**



EON HEADPHONES



BOOM MIC



CHARGING STAND



CARRYING CASE



3.5MM AUX & USB C CABLES

Image: Contents of the Avantree Eon package, showing the headphones, detachable boom mic, charging stand, protective carrying case, 3.5mm AUX cable, and USB-C charging cable.

2. SETUP

2.1 Initial Charging

Before first use, fully charge your Avantree Eon headphones. Place the headphones on the provided charging stand or connect them directly using the USB-C cable to a power source. The LED indicator on the headphones will show charging status.

EXTENDED **PLAYTIME**



45 Hours
Playtime

Image: Avantree Eon headphones resting on their charging stand, illustrating the extended playtime of 45 hours.

2.2 Attaching the Detachable Microphone

Align the 3.5mm jack of the detachable boom microphone with the microphone port on the left earcup of the headphones. Gently push until it clicks into place. Ensure it is securely connected for optimal call quality.

CRYSTAL
CLEAR
CALLS



Detachable
Noise-Filtering Mic

Image: A user wearing the Avantree Eon headphones with the detachable noise-filtering microphone, demonstrating its use for clear calls.

2.3 Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the Multi-function button until the LED indicator flashes blue and red alternately, indicating pairing mode.
3. On your device (phone, PC, tablet), enable Bluetooth and search for new devices.
4. Select "Avantree Eon" from the list of available devices.
5. Once connected, the LED indicator will turn solid blue or flash blue slowly.

The Avantree Eon supports multipoint pairing, allowing connection to two devices simultaneously.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **Power On:** Press and hold the Power button for 2 seconds.
- **Power Off:** Press and hold the Power button for 3 seconds.

3.2 Wired Mode

To use the headphones in wired mode, connect the provided 3.5mm AUX cable to the audio input port on the headphones and to your audio source. Wired mode does not require battery power.



Image: Demonstrates the multi-functional aspect of the Avantree Eon headphones, showing wireless usage for music and wired usage with the microphone for calls.

3.3 Active Noise Cancellation (ANC) & Transparency Mode

The Eon headphones feature hybrid ANC to reduce ambient noise and a transparency mode to allow you to hear your surroundings.

- **Activate ANC:** Press the ANC button once.
- **Activate Transparency Mode:** Press the ANC button a second time.
- **Deactivate:** Press the ANC button a third time to return to normal mode.

Note: The ANC setting may not persist after powering off the headphones and might need to be re-activated upon each power cycle.

ANC & AMBIENT MODES

Hybrid active noise cancellation
& transparency mode

Image: Visual representation of the hybrid active noise cancellation and transparency modes, showing sound waves being attenuated by the headphones.

3.4 Audio Controls

- **Volume Up/Down:** Use the dedicated volume buttons.
- **Play/Pause:** Press the Multi-function button once.
- **Next Track:** Double-press the Multi-function button.
- **Previous Track:** Triple-press the Multi-function button.

3.5 Call Management

- **Answer/End Call:** Press the Multi-function button once.
- **Reject Call:** Press and hold the Multi-function button for 2 seconds.

3.6 EQ Modes

The Eon headphones offer different Equalizer (EQ) modes to optimize your listening experience.



Image: Close-up of the Avantree Eon headphones highlighting the control buttons and indicating the availability of Bass-Enhanced and Balanced Sound EQ modes.

4. MAINTENANCE

4.1 Cleaning

Wipe the headphones with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. Do not immerse the headphones in water.

4.2 Replacing Components

The Avantree Eon headphones are designed for longevity with user-replaceable parts.

- **Earpads:** Gently twist and pull to remove old earpads. Align new earpads and press firmly until secured.
- **Battery:** The battery compartment is located on one of the earcups. Carefully open the cover, remove the old battery, and insert a new 10440 Lithium Ion battery, ensuring correct polarity.
- **Headband:** Refer to the Avantree support website for detailed instructions on headband replacement.

ECO FRIENDLY & LONG-LASTING

Replaceable earpads, battery, and headband effectively increase lifespan



Image: Avantree Eon headphones demonstrating their eco-friendly and long-lasting design with replaceable earpads and battery.

5. TROUBLESHOOTING

If you encounter issues with your Avantree Eon headphones, please refer to the following common solutions:

- **Headphones not powering on:** Ensure the battery is charged. Place on the charging stand or connect via USB-C cable.
- **Cannot pair via Bluetooth:** Ensure headphones are in pairing mode (flashing blue and red). Turn off and on your device's Bluetooth. Try resetting the headphones (refer to the Avantree support website for specific reset instructions).
- **No sound or poor sound quality:** Check volume levels on both headphones and connected device. Ensure the headphones are correctly paired or the 3.5mm AUX cable is fully inserted. If using the mic, ensure it is securely attached.
- **Microphone not working or poor call quality:** Ensure the detachable boom mic is firmly connected. Check your device's audio settings to confirm the Avantree Eon microphone is selected as the input device. Some applications may require specific microphone settings.
- **Headphones randomly connecting/disconnecting:** This can sometimes occur due to interference or

issues with the paired device's Bluetooth. Try unpairing and re-pairing the headphones. Ensure no other devices are attempting to connect simultaneously.

- **ANC setting does not stick:** This is expected behavior for some units; ANC may need to be re-activated after each power cycle.

For more detailed troubleshooting or persistent issues, please visit the Avantree support website.

6. SPECIFICATIONS

| Feature | Specification |
|-----------------------------------|---------------------------------------|
| Model Name | Eon |
| Model Number | BTHS-AS100 |
| Noise Control | Active Noise Cancellation |
| Connectivity Technology | Bluetooth, Wireless, 3.5mm AUX Cable |
| Wireless Communication Technology | Bluetooth 5.0 |
| Bluetooth Range | 10 Meters (33 feet) |
| Audio Driver Size | 40 Millimeters |
| Frequency Range | 20Hz-20KHz |
| Impedance | 32 Ohm |
| Battery Life | Up to 45 Hours |
| Charging Time | 2.5 Hours |
| Item Weight | 230 Grams (8.1 ounces) |
| Material | Acrylonitrile Butadiene Styrene (ABS) |

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Avantree products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Avantree website for detailed warranty terms and conditions specific to your region.

7.2 Customer Support

For further assistance, technical support, or inquiries regarding replacement parts, please contact Avantree customer service through their official website:

www.avantree.com/support

You can also find the official user manual in PDF format here [Avantree Eon User Manual \(PDF\)](#)

