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AVIOT WB-E1

AVIOT WB-E1 Wireless Bone Conduction Headphones User Manual

Model: WB-E1

1. INTRODUCTION

Thank you for choosing the AVIOT WB-E1 Wireless Bone Conduction Headphones. This manual provides essential information for the safe and effective use of your device. Please read it thoroughly before use and retain it for future reference.

The AVIOT WB-E1 headphones utilize bone conduction technology, transmitting sound through vibrations to your bones, allowing you to hear audio while keeping your ears open to ambient sounds. This design is ideal for activities where situational awareness is crucial, such as running or cycling.

Key features include high-quality audio, Bluetooth 5.2 connectivity, IPX5 water resistance, up to 12 hours of playback, and multipoint connection support.



Image 1.1: AVIOT WB-E1 Wireless Bone Conduction Headphones.

2. PACKAGE CONTENTS

Please verify that all the following items are included in your product package:

- AVIOT WB-E1 Wireless Bone Conduction Headphones
- USB Type-C Charging Cable
- User Manual (this document)
- Carrying Case
- USB Cap
- Product Registration Card

一日中使える 安心の最大12時間再生

長時間の利用やウェブ会議続きの日も安心
短時間の充電ですぐに使用できる、急速充電対応
さらに、充電しながらの使用も可能です。

*再生時間は使用環境により変動する可能性があります。



Image 2.1: Included accessories: USB Type-C cable, carrying case, and USB cap.

3. PRODUCT OVERVIEW

The AVIOT WB-E1 headphones are engineered for comfort and high-fidelity sound. They feature a lightweight titanium neckband and AVIOT's unique "Modern Fit Design" for a stable and comfortable fit during various activities.

The audio system incorporates a hybrid driver configuration, combining a balanced armature driver for clear mid-to-

high frequencies and a bone conduction driver for rich bass, delivering a natural and balanced sound across the entire frequency range. This design minimizes sound leakage while providing an immersive audio experience.

耳全体を包み込む AVIOT 独自の「モダンフィットデザイン」

スポーツやトレーニングなどの激しい動きでもずれにくく、
かつ長時間使用しても疲れにくい、
安定したフィット感を実現しました。

※指向性ECMブームマイクはWB-E1Mのみ付属



Image 3.1: The Modern Fit Design ensures a secure and comfortable fit, even during intense activities, complemented by a durable titanium neckband.

包み込まれるような、上質な音楽体験

中・高音域をバランスドアーマチュアドライバーにより補うことで、全帯域においてバランスの良いナチュラルな音質を再現しました。



「指向性の高いバランスドアーマチュアドライバーによる耳介直接放射により、音漏れも最小限にとどめました。

Image 3.2: Internal view of the hybrid driver system, featuring a balanced armature driver and a dynamic bone conduction driver for superior sound quality.

4. SETUP

4.1. Charging the Headphones

Before initial use, fully charge the headphones. Use the provided USB Type-C cable to connect the headphones to a USB power source (e.g., computer USB port, USB wall adapter).

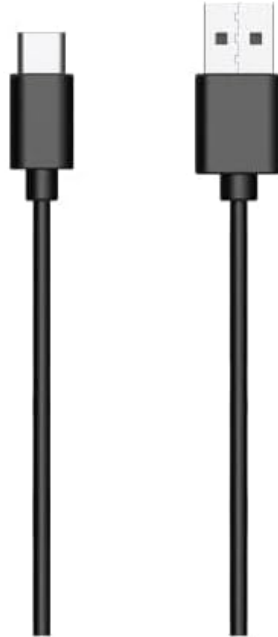
- A full charge provides up to 12 hours of playback time.
- The headphones support quick charging: approximately 10 minutes of charging can provide up to 60 minutes of continuous playback.
- The LED indicator on the headphones will show charging status. Refer to the LED indicator section for details.

付属品

- ケース



- 充電ケーブル (TypeC)



- USBキャップ



Image 4.1: The headphones offer up to 12 hours of playback and support quick charging, providing 60 minutes of use from a 10-minute charge.

4.2. Bluetooth Pairing

To connect your AVIOT WB-E1 headphones to a device:

1. Ensure the headphones are powered off.
2. Press and hold the multi-function button on the headphones until the LED indicator flashes red and blue alternately. This indicates pairing mode.
3. On your device (smartphone, tablet, computer), go to the Bluetooth settings.
4. Search for available devices and select "AVIOT WB-E1" from the list.
5. Once connected, the LED indicator will turn solid blue or flash blue slowly.

The headphones support Bluetooth 5.2 for a stable connection and multipoint connectivity, allowing simultaneous connection to two devices.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- **Power On:** Press and hold the multi-function button for approximately 2 seconds until the LED indicator flashes blue.
- **Power Off:** Press and hold the multi-function button for approximately 4 seconds until the LED indicator flashes red and then turns off.

5.2. Music Playback

- **Play/Pause:** Press the multi-function button once.
- **Next Track:** Double-press the multi-function button.
- **Previous Track:** Triple-press the multi-function button.

5.3. Call Management

- **Answer/End Call:** Press the multi-function button once during an incoming call or active call.
- **Reject Call:** Press and hold the multi-function button for approximately 2 seconds during an incoming call.

5.4. Volume Control

Use the volume up (+) and volume down (-) buttons located on the headphones to adjust the audio level.

5.5. Sound Leakage Suppression Mode

The AVIOT WB-E1 features a sound leakage suppression mode. Activate this mode by pressing a dedicated button (refer to the product diagram for exact location) to reduce sound leakage in quiet environments.

5.6. Multipoint Connection

To use multipoint connection:

1. Pair the headphones with the first device as described in Section 4.2.
2. Disable Bluetooth on the first device. The headphones will re-enter pairing mode.
3. Pair the headphones with the second device.
4. Re-enable Bluetooth on the first device. The headphones should automatically connect to both devices.
5. Audio will play from the device that is actively transmitting sound.

6. MAINTENANCE

6.1. Cleaning

Regularly clean your headphones to ensure optimal performance and hygiene.

- Wipe the headphones with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents, as these may damage the surface or internal components.
- Ensure the charging port is free of dust and debris.

6.2. Storage

When not in use, store the headphones in the provided carrying case to protect them from dust, scratches, and impacts. Avoid storing them in extreme temperatures or high humidity.

6.3. Water Resistance (IPX5)

The AVIOT WB-E1 headphones are rated IPX5, meaning they are protected against low-pressure water jets from any direction. This makes them suitable for use during workouts or in light rain. However, they are not designed for submersion in water. Ensure the charging port is dry before charging to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your AVIOT WB-E1 headphones, refer to the following common problems and solutions:

Problem	Possible Solution
Headphones do not power on.	Ensure the headphones are fully charged. Connect them to a power source using the USB Type-C cable.
Cannot pair with a device.	Ensure the headphones are in pairing mode (LED flashing red and blue). Turn off and on Bluetooth on your device. Move closer to the device.
No sound or low volume.	Check the volume levels on both the headphones and your connected device. Ensure the headphones are properly positioned on your cheekbones. Re-pair the headphones.
Sound quality is poor.	Ensure there are no obstructions between the headphones and your device. Move away from sources of interference (e.g., Wi-Fi routers, other Bluetooth devices).
Headphones disconnect frequently.	Ensure the headphones are within the Bluetooth range of your device. Avoid physical obstructions. Try re-pairing.

If the problem persists after trying these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	AVIOT
Model	WB-E1
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.2
Headphone Form Factor	Ear-hook
Water Resistance Level	IPX5
Battery Life	Up to 12 hours
Charging Port	USB Type-C
Control Method	Touch
Material	Titanium
Included Components	USB Type-C Cable, User Manual, Carrying Case, USB Cap, Product Registration Card
Dimensions	19.2 x 15.7 x 8.9 cm; 340 g (Package Size)

9. WARRANTY AND SUPPORT

AVIOT products are covered by a limited warranty. Please refer to the product registration card included in your package or visit the official AVIOT website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact AVIOT customer service through their official website or the contact information provided in your product documentation.

