

AVIOT TE-BD11tR

AVIOT TE-BD11tR Noise Cancelling Earbuds User Manual

Model: TE-BD11tR

Brand: AVIOT

1. INTRODUCTION

The AVIOT TE-BD11tR Noise Cancelling Earbuds are designed to provide an immersive audio experience with enhanced bass and effective noise cancellation. This model features a hybrid dual driver system and an advanced algorithm to reduce noise across a broad spectrum, particularly in low and middle frequencies. Key features include up to 60 hours of battery life with the charging case, IPX4 water resistance, multipoint connectivity, and a built-in microphone for external sound monitoring.

2. PACKAGE CONTENTS

Please ensure all items are present in the package:

- AVIOT TE-BD11tR Earbuds (Left and Right)
- Charging Case
- USB Charging Cable
- Multiple Sizes of Ear Cushions

3. PRODUCT OVERVIEW

The TE-BD11tR earbuds feature a compact design with touch controls and integrated microphones for active noise cancellation and voice calls. The accompanying charging case provides additional battery life and supports wireless charging.

"ULTRA DEEP BASS" realizes deep, immersive low tones

By reproducing a clear, natural sound in the middle and high frequencies while retaining the power and rich expressiveness of the bass, this model allows you to enjoy a deep sense of immersion.



Image showing the AVIOT TE-BD11tR earbuds, highlighting their design for deep bass reproduction.

AVIOT's unique hybrid dual driver design

This model employs a design with two drivers having different characteristics to express ULTRA DEEP BASS.

With a wide range of sound expression and reproducibility, it also allows you to enjoy a sense of resolution and rich bass.

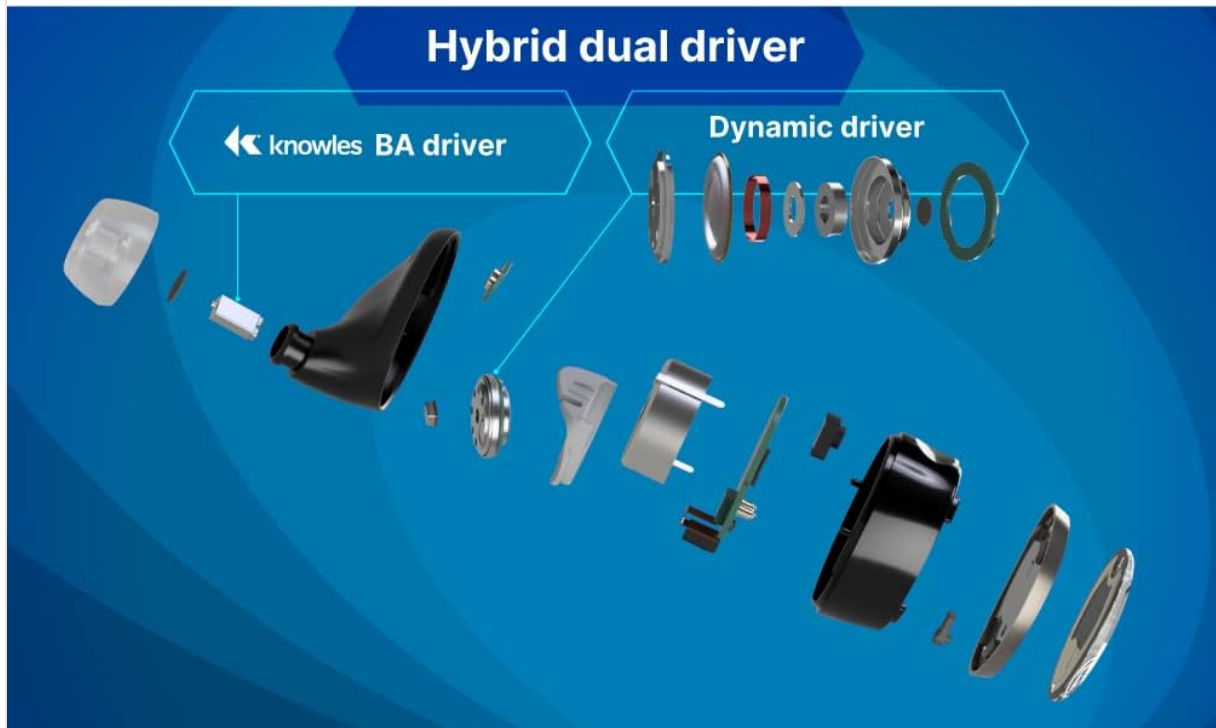


Diagram illustrating the hybrid dual driver design of the AVIOT TE-BD11tR earbuds, featuring Knowles BA and Dynamic drivers.

Hybrid noise cancelling combining a total of four microphones on the left and right sides

AVIOT's unique algorithm eliminates noise with a focus on bands that interfere with the beat of the music, achieving a level of silence that allows you to enjoy a powerful bass.



Close-up image of an AVIOT TE-BD11tR earbud worn by a user, with annotations pointing to the feedback ANC mic and feedforward ANC mic, illustrating the hybrid noise cancelling technology.

4. SETUP

4.1 Charging the Earbuds and Case

Before first use, fully charge the earbuds and charging case. The case can be charged via the included USB cable or wirelessly.

- **Wired Charging:** Connect the USB charging cable to the charging port on the case and to a power source. The indicator lights on the case will show charging status.
- **Wireless Charging:** Place the charging case on a compatible wireless charging pad. Ensure the case is properly aligned for charging to begin.

Wireless charging support eliminates the need for cables

Charge the battery without attaching any cables



Image showing the AVIOT TE-BD11tR charging case placed on a wireless charging pad, illustrating its wireless charging capability.

4.2 Pairing with a Device

1. Ensure the earbuds are in the charging case and the case has sufficient power.
2. Open the charging case lid. The earbuds will automatically enter pairing mode.
3. On your device (smartphone, tablet, laptop), go to Bluetooth settings and enable Bluetooth.
4. Select "AVIOT TE-BD11tR" from the list of available devices.
5. Once connected, a confirmation sound will play (note: voice prompts may be in Japanese).

The earbuds support multipoint connectivity, allowing connection to multiple devices simultaneously.

5. OPERATING INSTRUCTIONS

5.1 Wearing the Earbuds

Select the ear cushions that provide the best seal and comfort. Insert the earbuds into your ears and gently twist them to ensure a secure and comfortable fit. A proper fit is crucial for optimal sound quality and noise cancellation.

Comfortable fit for long use

This model is designed to prevent your earphones from coming off easily even when moving intensely, and to prevent stress even when used for a long time. The tighter fit also enhances the sharp, deep bass.



Image of an AVIOT TE-BD11tR earbud comfortably fitted in a user's ear, demonstrating its ergonomic design for extended wear.

5.2 Touch Controls

The earbuds feature touch-sensitive controls for various functions. Specific gestures (single tap, double tap, long press) on the left or right earbud control playback, calls, volume, and noise control modes. Refer to the quick start guide for detailed touch control mappings.

5.3 Noise Control Modes

- **Active Noise Cancellation (ANC):** This mode reduces ambient noise, allowing for a more focused listening experience. It is particularly effective at eliminating low and mid-frequency sounds.
- **Transparency Mode:** This mode uses the built-in microphones to allow external sounds to pass through, enabling you to hear your surroundings without removing the earbuds. This is useful for conversations or being aware of traffic.

Switch between ANC, Transparency Mode, and standard mode using the touch controls on the earbuds.

5.4 Power On/Off

The earbuds automatically power on when removed from the charging case and power off when placed back in the case and the lid is closed. They can also be powered on or off individually using specific touch controls, allowing for single earbud use without needing the charging case.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AVIOT TE-BD11tR earbuds, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the ear tips and the earbud surfaces with a soft, dry cloth. For earwax buildup, gently use a small brush. Ensure charging contacts on both earbuds and case are clean and dry.
- **Storage:** When not in use, store the earbuds in their charging case to protect them from dust and damage.
- **Water Resistance:** The earbuds are IPX4 water-resistant, meaning they are protected against splashing water from any direction. They are not designed for submersion. Ensure earbuds are dry before placing them back in the charging case.
- **Battery Care:** Avoid exposing the battery to extreme temperatures. For long-term storage, charge the battery to approximately 50% every few months.

7. TROUBLESHOOTING

If you encounter issues with your AVIOT TE-BD11tR earbuds, refer to the following common solutions:

- **Earbuds not pairing or connecting:**
 - Ensure both earbuds are charged.
 - Place earbuds back in the case, close the lid, wait a few seconds, then open the lid to re-initiate pairing mode.
 - Delete "AVIOT TE-BD11tR" from your device's Bluetooth list and attempt to pair again.
 - Ensure your device's Bluetooth is enabled and within range (up to 10 meters).
- **Voice prompts are in Japanese:**
 - The default voice prompts for this model may be in Japanese. Check the AVIOT official website or app (if available) for any firmware updates or settings that allow language changes.
- **Low battery chime/beep:**
 - An infrequent chime or beep typically indicates a low battery warning for one of the earbuds. Charge the earbuds promptly. Note that the battery level displayed on your device may represent the average or the higher of the two earbuds.
- **Sound quality issues (e.g., distorted, tinny, or excessive bass):**
 - Ensure the ear tips provide a good seal in your ear canal. Try different sizes of ear cushions.
 - Adjust the equalizer settings on your audio device or through a dedicated app if available.
 - Clean any debris from the earbud nozzles.
- **Earbuds feel bulky or cause discomfort:**
 - Experiment with different ear tip sizes to find the most comfortable and secure fit.
 - Ensure the earbuds are inserted and rotated correctly in your ear.

8. SPECIFICATIONS

Feature	Specification
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Brand	AVIOT
Model Name	TE-BD11tR
Color	White
Ear Placement	In Ear
Form Factor	In Ear
Noise Control	Active Noise Cancellation
Connectivity Technology	Wireless (Bluetooth)
Bluetooth Range	10 Metres
Battery Average Life	60 Hours (with charging case)
Water Resistance	IPX4
Control Method	Touch
Additional Features	Microphone Included, Multipoint
Compatible Devices	Cellphones, Tablets, Laptops, Smart Speaker

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official AVIOT website. Keep your proof of purchase for any warranty claims.