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## Avantree BTHS-NB17

# Avantree Loop Dock BTHS-NB17 Instruction Manual

Auracast & Bluetooth Neckband Earbuds with Drop-in Charging Dock

## 1. PRODUCT OVERVIEW

The Avantree Loop Dock BTHS-NB17 provides a versatile audio experience with both Auracast and Bluetooth connectivity. These neckband earbuds feature a convenient drop-in charging dock, low-latency audio, and three EQ modes, including a Voice Clear option for enhanced speech clarity. Designed for comfortable all-day wear, they are suitable for TV, PC, phone, and general daily listening.



The Avantree Loop Dock BTHS-NB17 neckband earbuds with their dedicated charging dock.

## 2. SETUP AND INITIAL USE

### 2.1 Charging the Earbuds

Before first use, fully charge the Avantree Loop Dock earbuds. Simply place the neckband into the charging dock. The indicator light on the dock will show charging status. A full charge provides up to 12 hours of playtime.



The Avantree Loop Dock earbuds placed in their charging station for convenient power replenishment.

## 2.2 Bluetooth Pairing

1. Ensure the earbuds are powered off.
2. Press and hold the Multi-function Button on the neckband until the LED indicator flashes blue and red alternately, indicating pairing mode.
3. On your device (phone, PC, Bluetooth-enabled TV), go to Bluetooth settings and search for new devices.
4. Select "Avantree Loop Dock" from the list of available devices.
5. Once connected, the LED indicator on the earbuds will flash blue slowly.

## 2.3 Auracast Connection

The Avantree Loop Dock is Auracast-enabled, allowing connection to Auracast transmitters and audio sources. Refer to your Auracast transmitter's manual for specific pairing instructions. The earbuds will automatically detect and connect to available Auracast broadcasts.



The Avantree Loop Dock connects to various Auracast transmitters from different brands, including Avantree's own ecosystem.

## 2.4 TV Compatibility Note

These earbuds are designed for TVs and devices with built-in Bluetooth audio. If your TV only outputs sound via HDMI ARC/eARC, Optical, or AUX, direct connection is not possible. In such cases, an external Bluetooth or Auracast transmitter (e.g., Avantree Aura Loop) is required to connect your TV to the earbuds.



This diagram shows that the Loop Dock connects directly to Bluetooth-enabled TVs but requires a transmitter for non-Bluetooth TVs.

## 3. OPERATING INSTRUCTIONS

### 3.1 Basic Controls

- **Power On/Off:** Press and hold the Multi-function Button.
- **Play/Pause:** Single press the Multi-function Button.
- **Volume Up/Down:** Use the volume buttons (+) and (-).
- **Next/Previous Track:** Long press the volume buttons.
- **Answer/End Call:** Single press the Multi-function Button.
- **Reject Call:** Long press the Multi-function Button.

### 3.2 EQ Modes

The Loop Dock features three Equalizer (EQ) modes to optimize your listening experience. Cycle through these modes using the dedicated EQ button:

- **Balanced:** Standard audio profile for general listening.
- **Voice Clear 1:** Enhances speech clarity, ideal for news, podcasts, and TV shows.
- **Voice Clear 2:** Further boosts vocal frequencies for maximum speech intelligibility, particularly helpful for individuals with hearing challenges.



The three EQ modes available on the Avantree Loop Dock, including two Voice Clear options for enhanced dialogue.

### 3.3 Auracast and Bluetooth Usage

The earbuds support both personal Bluetooth connections and public Auracast broadcasts. You can seamlessly switch between these modes depending on your listening environment. For personal use, connect via Bluetooth to your phone or PC. For public listening, connect to an Auracast transmitter in locations like churches or theaters.



The Avantree Loop Dock supports both personal Bluetooth audio for mobile and TV use, and public Auracast audio for

## 4. MAINTENANCE

### 4.1 Cleaning

- Wipe the earbuds and neckband with a soft, dry cloth.
- Gently clean the ear tips with a slightly damp cloth and allow them to dry completely before reattaching.
- Avoid using harsh chemicals or abrasive materials.

### 4.2 Storage

When not in use, store the earbuds in their charging dock or a clean, dry place away from extreme temperatures and direct sunlight. This helps maintain battery life and product integrity.

## 5. TROUBLESHOOTING

### 5.1 No Sound / Disconnection

- Ensure the earbuds are charged and powered on.
- Verify that the earbuds are correctly paired and connected to your device (Bluetooth or Auracast).
- Check the volume levels on both the earbuds and your connected device.
- Move closer to your audio source to ensure you are within range.
- If connecting to a TV, confirm your TV has built-in Bluetooth or that you are using a compatible external transmitter.

### 5.2 Pairing Issues

- Ensure the earbuds are in pairing mode (LED flashing blue and red).
- Turn off Bluetooth on other nearby devices to prevent interference.
- Clear the pairing history on your device and the earbuds (refer to the full user manual for specific steps to clear earbud pairing history).
- Restart both the earbuds and your device.

### 5.3 Audio Lag

The Avantree Loop Dock features a Qualcomm QCC chipset with aptX Adaptive technology to minimize audio lag. For optimal low-latency performance, ensure your transmitting device (e.g., TV, PC, or external transmitter) also supports aptX Adaptive or a similar low-latency codec.



The Qualcomm QCC chipset with Bluetooth 5.4 and aptX Adaptive technology helps reduce audio lag for a synchronized listening experience.

## 6. SPECIFICATIONS

<b>Brand</b>	Avantree
<b>Model Number</b>	BTBS-NB17
<b>Model Name</b>	Loop Dock
<b>Color</b>	Black
<b>Ear Placement</b>	In Ear
<b>Form Factor</b>	Neckband, In Ear
<b>Impedance</b>	16 Ohms
<b>Control Method</b>	Touch Buttons
<b>Noise Control</b>	Sound Isolation
<b>Frequency Range</b>	20 Hz - 20,000 Hz
<b>Audio Driver Type</b>	Dynamic Driver
<b>Connectivity Technology</b>	Wireless (Bluetooth, Auracast)
<b>Bluetooth Version</b>	5.0
<b>Additional Features</b>	Auracast Technology, Voice Clear EQ Mode, aptX Adaptive
<b>Enclosure Material</b>	Plastic, Silicone
<b>Compatible Devices</b>	TVs, PCs, Phones, Auracast-Enabled Devices

## 7. WARRANTY INFORMATION

The Avantree Loop Dock BTBS-NB17 comes with a **24-month warranty**. Product registration is recommended

to cover the first 12 months of return shipment costs. Please retain your proof of purchase for warranty claims.

## 8. CUSTOMER SUPPORT

For extensive support, including chat, email, phone assistance, online clinics, video tutorials, and FAQs, please visit the official Avantree support page:

**[avantree.com/support](https://avantree.com/support)**

You can also register your product on the support website.