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## Avantalk ATBH-TW156

# Avantalk Infinity Auracast Wireless Earbuds Instruction Manual

Model: ATBH-TW156

## 1. INTRODUCTION

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The Avantalk Infinity Auracast Wireless Earbuds offer a versatile audio experience with two distinct pairs of earbuds: one for Active Noise Canceling (ANC) and another for a semi-open fit. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

Key features include Auracast compatibility, Qualcomm aptX Adaptive audio, Active Noise Canceling, a semi-open design for environmental awareness, and app control for personalized settings.

## 2. WHAT'S IN THE BOX

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- Avantalk Infinity Earbuds (Infinity NC & Infinity SO pairs)
- Type C Charging Cable (1.5ft / 0.5m)

## 3. PRODUCT OVERVIEW

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The Avantalk Infinity system includes a compact charging case and two pairs of earbuds designed for different listening needs.



Image: Avantalk Infinity earbuds and their charging case. The image displays the charging case at the top, with two pairs of earbuds below it. One pair has red and blue ear tips, indicating the noise-canceling variant, while the other pair is all white, representing the semi-open design.

# OPTIONS FOR EVERY MOMENT

Pick the earbuds that fit each moment, noise canceling or open-fit comfort.

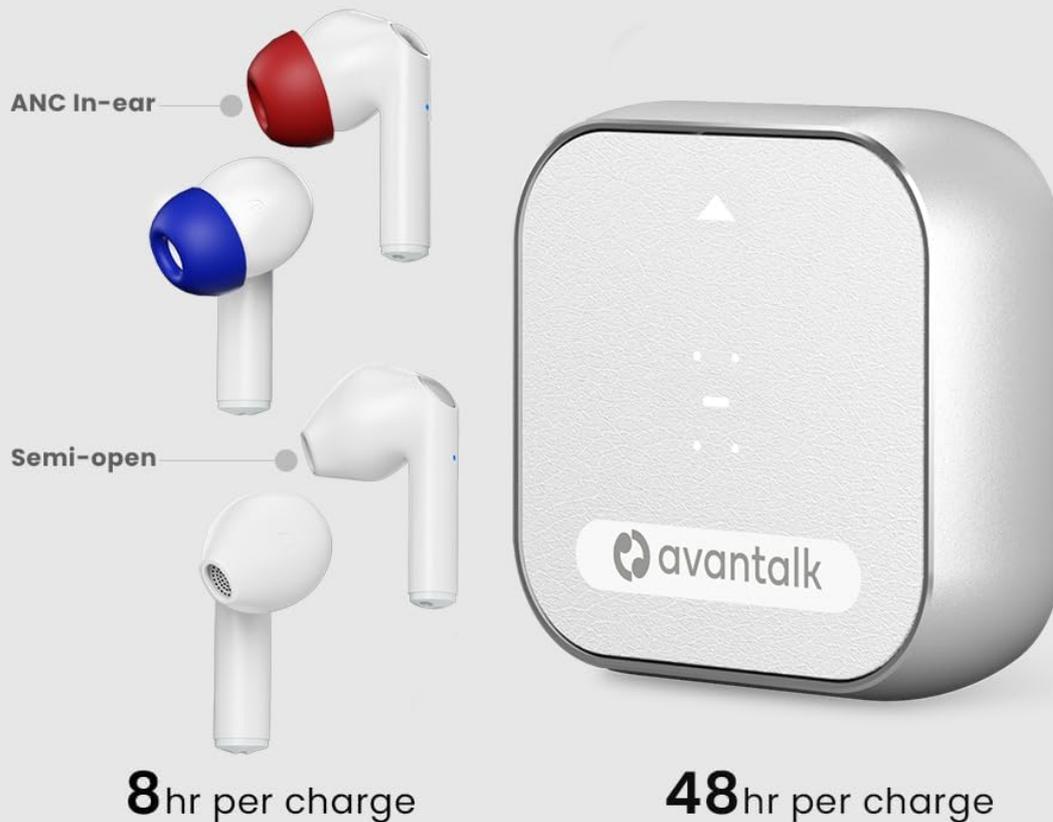


Image: Options for every moment. This image illustrates the two types of earbuds included: ANC In-ear (with red and blue tips) and Semi-open (all white). The charging case is also shown, highlighting the 8 hours per charge for earbuds and 48 hours total playtime with the case.

## 4. SETUP

### 4.1 Charging the Earbuds and Case

Before first use, fully charge the Avantalk Infinity earbuds and charging case. Place the earbuds into their respective slots in the charging case. Connect the provided Type-C charging cable to the charging case and a USB power source.

### 4.2 Bluetooth Pairing

1. Open the charging case. The earbuds will automatically enter pairing mode.
2. On your device (smartphone, tablet, etc.), navigate to the Bluetooth settings.
3. Select "Avantalk Infinity" from the list of available devices to connect.
4. Once connected, a confirmation sound or indicator will be visible.

### 4.3 Avantalk App Installation

For enhanced control and customization, download the Avantalk App from your device's app store. The

app allows for EQ adjustments, firmware updates, and Auracast stream management.

# FULL CONTROL WITH APP

Easily update firmware, adjust ANC, and connect to Auracast, all in the Avantalk App.

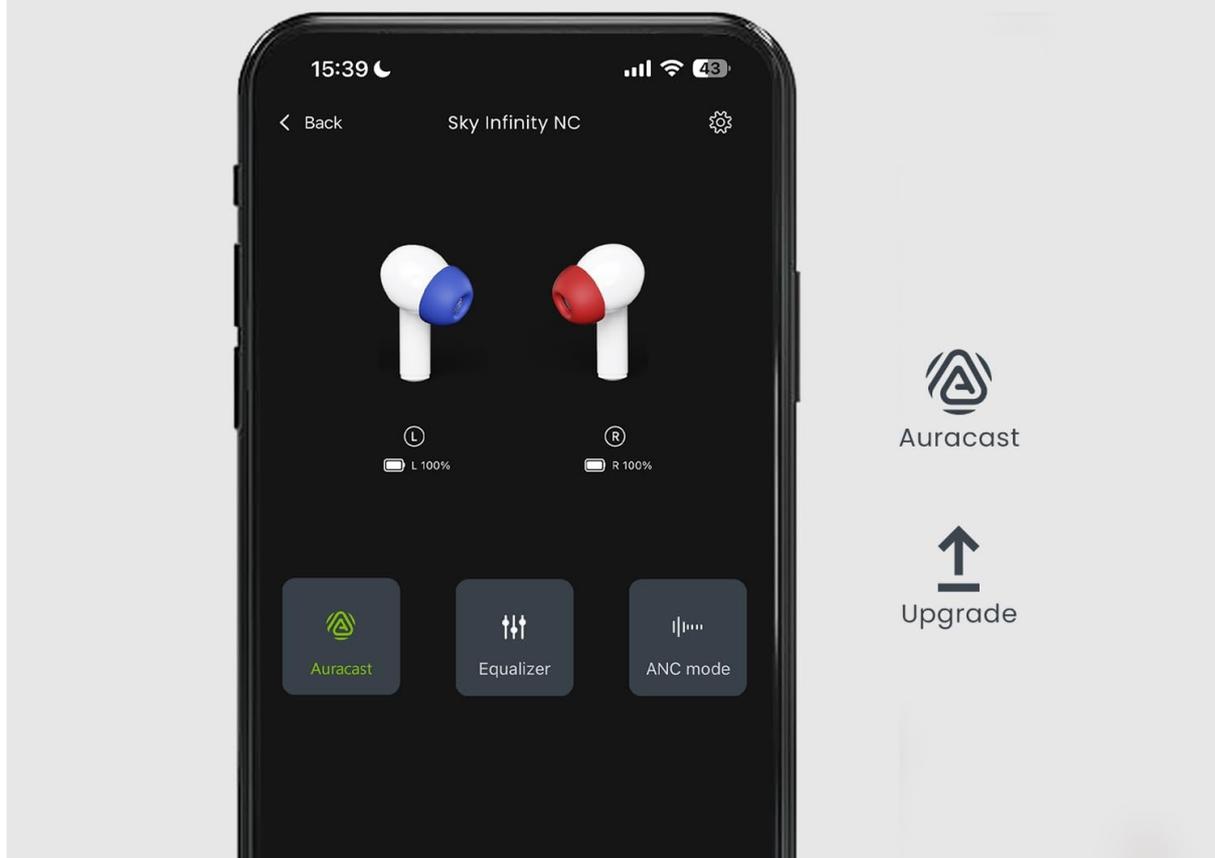


Image: Full control with app. This image displays a smartphone screen showing the Avantalk app interface, which allows users to update firmware, adjust ANC settings, and connect to Auracast broadcasts.

## 5. OPERATING INSTRUCTIONS

### 5.1 Switching Between Earbud Types

The Avantalk Infinity comes with two pairs of earbuds: the Infinity NC (Noise-Canceling) and the Infinity SO (Semi-Open). Choose the pair that best suits your environment and listening preference.

- **Infinity NC:** Ideal for blocking out external noise in loud environments like planes or busy cafes.
- **Infinity SO:** Designed for comfortable awareness, allowing you to hear your surroundings, suitable for office or home use.

### 5.2 Auracast Functionality

The earbuds are Auracast compatible, enabling connection to public audio broadcasts. Use the Avantalk App to find and join available Auracast streams.

# AURACAST COMPATIBLE

Connect to Public Audio Broadcasts via Auracast

## Auracast Transmitter



Audikast 4



Voyager HA



C82 Aura



 **AURACAST**

Image: Auracast compatible. This image shows the Avantalk Infinity earbuds connecting to public audio broadcasts via various Auracast transmitters like Audikast 4, Voyager HA, and C82 Aura, depicted in a concert hall setting.

Video: This video demonstrates the Avantalk Infinity earbuds' Auracast functionality, showing how to connect to public audio broadcasts and manage settings via the Avantalk app.

## 5.3 LE Audio Support

The Infinity earbuds support LE Audio, providing ultra-low latency and high-fidelity sound when used with compatible devices like the Pixel 7 and Galaxy S23. This ensures perfectly lip-synced audio for videos and gaming.

# LE AUDIO. HIGHER FIDELITY.

Enjoy high-fidelity sound with lower latency,  
perfect for music, games, and calls.



\*For the best experience, use with Avantalk C82 LEA.

Image: LE Audio. Higher fidelity. This image shows a person enjoying gaming with the earbuds, emphasizing the low latency and high-fidelity sound provided by LE Audio, especially when used with the Avantalk C82 LEA.

Video: This video provides tips and tricks for using the Avantalk Infinity Auracast Earbuds, including details on LE Audio compatibility and how to maximize your listening experience.

## 5.4 Active Noise Canceling (ANC) and Transparency Mode

The Infinity NC earbuds feature Hybrid ANC to reduce background noise. You can switch to Transparency Mode to hear your surroundings without removing the earbuds.

# HYBRID ANC

Reduce background noise by up to 98.6%.

# 98.6%



Image: Hybrid ANC. This image visually represents the effectiveness of Hybrid ANC, stating it can reduce background noise by up to 98.6%, with a waveform graphic illustrating noise reduction.

## 5.5 Clear Calls

Both pairs of earbuds are equipped with six built-in noise-filtering microphones utilizing cVc 8.0 technology. This ensures clear voice transmission during calls, even in noisy environments.

## 6. MAINTENANCE

- Regularly clean the earbuds and charging case with a soft, dry cloth.
- Avoid exposing the earbuds to extreme temperatures, moisture, or corrosive substances.
- Store the earbuds in their charging case when not in use to protect them and maintain charge.

## 7. TROUBLESHOOTING

- **No Sound:** Ensure earbuds are charged, properly paired, and volume is adjusted on both the earbuds and your device.
- **Pairing Issues:** Turn off Bluetooth on your device, place earbuds back in the case, then try re-pairing. Refer to your device's Bluetooth settings for specific troubleshooting steps.

- **App Connection Issues:** Ensure the Avantalk App is updated and the earbuds are connected to your device via Bluetooth.
- **Poor Call Quality:** Ensure microphones are not obstructed. Try moving to a quieter environment.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	Infinity
Item Model Number	ATBH-TW156
Brand	Avantalk
Noise Control	Active Noise Cancellation
Connectivity Technology	Wireless
Wireless Communication Technology	Bluetooth
Bluetooth Version	5.2
Special Feature	Auracast & LE Audio, Hybrid ANC (up to 49dB)
Battery Life	48 Hours (with charging case)
Charging Time	2 Hours
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	5.9 ounces
Ear Placement	In Ear
Form Factor	In Ear
Impedance	32 Ohms

## 9. WARRANTY AND SUPPORT

Avantalk products come with a manufacturer's warranty. For detailed warranty information, product support, or to contact customer service, please visit the official Avantalk website or refer to the warranty card included with your product.