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› Avantree Ace T40 (HT4130) True Wireless Earbuds User Manual

## Avantree BTHT-4130

# Avantree Ace T40 (HT4130) True Wireless Earbuds User Manual

Model: BTHT-4130

## INTRODUCTION

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The Avantree Ace T40 (HT4130) True Wireless Earbuds are designed to provide a high-quality, private audio experience for TV watching. This system includes true wireless earbuds and a versatile transmitter, offering broad compatibility with various TV audio outputs. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure you get the most out of your device.



Avantree Ace T40 True Wireless Earbuds and Transmitter.

## PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your Avantree Ace T40 system.

[Official product overview video for Avantree HT4130 True Wireless Earbuds for TV Listening.](#)

### Transmitter (Audikast Plus)

# Ace T40

TRUE WIRELESS EARBUDS FOR TV

Ideal for TV/movies

Easy to use



 **Avantree**<sup>®</sup>

The Avantree Ace T40 transmitter with volume controls and input indicators.

- **Volume Control:** '+' and '-' buttons to adjust audio output level.
- **Pairing Buttons:** Dedicated buttons for pairing earbuds (1) and adding a second device (2).
- **Bluetooth Indicators:** Blue LEDs indicate successful Bluetooth connection.

- **Audio Input Indicators:** LEDs for USB, AUX, and OPT (Optical) inputs.
- **Codec Indicators:** LEDs for SBC, FS, aptX, and aptX LL (Low Latency) codecs.
- **Power Port:** Micro USB for power input.
- **Audio Ports:** Optical (TOSLINK) and AUX (3.5mm) input ports.
- **Power Switch:** On/Off toggle switch.

## Earbuds (Ace 130)



The Avantree Ace T40 True Wireless Earbuds.

- **Function Buttons:** Touch-sensitive areas for various controls.
- **LED Indicators:** Small LEDs on each earbud for status.
- **Microphones:** Built-in microphones for calls.

## Charging Case

- **Pair Button:** Button inside the case for manual pairing.
- **Battery LED:** Indicators for the charging case's battery level.
- **Type C Charging Port:** For charging the case.

## SETUP

Full user guide video for Ace T40, covering setup, connections, and usage.

### 1. Connecting the Transmitter to Your TV

First, connect the transmitter to a power source using the provided USB cable. It is recommended to use your TV's USB port for power.



The transmitter connected to a TV via USB for power.

There are three primary ways to connect the transmitter to your TV based on your TV's audio output ports:

1. **Optical Connection (TOSLINK/SPDIF OUT):** If your TV has an Optical Audio Out port, use the provided optical cable to connect the TV to the OPT IN port on the transmitter.
2. **AUX Connection (3.5mm):** If your TV has a 3.5mm Headphone Jack or AUX Out, use the provided 3.5mm AUX cable to connect the TV to the AUX IN port on the transmitter.

3. **RCA Connection (Red/White Audio Out):** If your TV only has Red and White RCA Audio Out ports, use the provided RCA adapter with the 3.5mm AUX cable. Connect the RCA adapter to your TV's RCA ports, then connect the 3.5mm AUX cable from the adapter to the AUX IN port on the transmitter.



Identify your TV's audio output ports for proper connection.

## 2. Connecting the Earbuds to the Transmitter

The earbuds and transmitter are pre-paired from the factory. Simply open the charging case to turn on the earbuds. They will automatically connect to the transmitter. The Bluetooth icon next to '1' and 'aptX' on the transmitter will turn solid blue, and the earbud LEDs will turn off once connected.

If they do not connect automatically, ensure the transmitter is powered on and the earbuds are charged. Then, press the '1' pairing button on the transmitter and the pair button inside the earbud case until the indicators show a successful connection.

## OPERATING INSTRUCTIONS

### Adjusting TV Audio Settings

After connecting the transmitter, you may need to adjust your TV's audio output settings:

- **For Optical Connection:** Go to your TV's Sound Settings. Set 'Sound Out' to 'Optical' or 'Digital Audio

Out'. Ensure the 'Digital Sound Out Format' is set to 'PCM' or 'Stereo' (not Bitstream or Dolby Digital).

- **For AUX/RCA Connection:** Go to your TV's Sound Settings. Ensure 'Headset' or 'External Speaker' is selected for audio output.

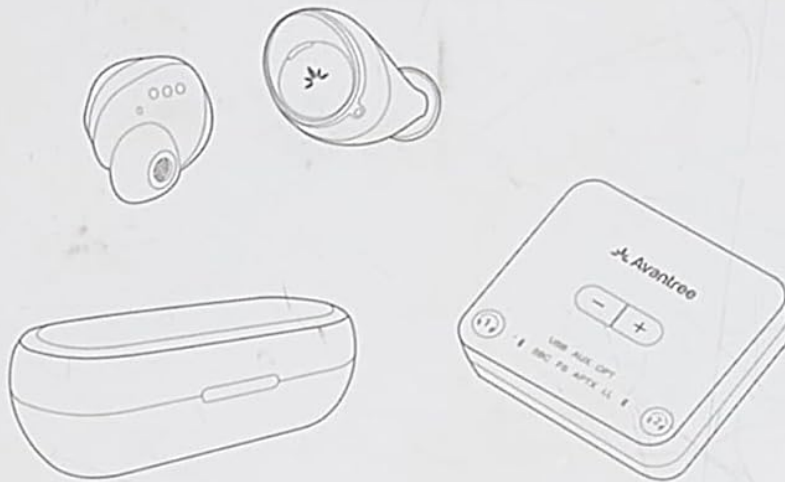
## Ace T40 True Wireless Earbuds for TV

↔ Reduced audio delay

🔊 No pairing required

📺 Optical support

🎵 EQ settings



### What's in the box?

- Ace 130 Earbuds
- Ace 130 Charging Case
- Avantree Audikast Plus Transmitter
- Micro USB Power Cable
- Type C Charging Cable
- Optical Audio Cable
- AUX 3.5mm Audio Cable
- AUX 3.5mm to RCA Adapter
- Total 3 Sets of Earbud Tips
- 1 Set of Earbud Fins



[www.avantree.com](http://www.avantree.com)

Model: BTHT-4130

FCC ID: 2A1TF-BTTC-418-P, WJ5-BTHS-TWS130

Made in China

For setup guides and FAQs, visit [support.avantree.com](http://support.avantree.com)

User Manuals, FAQ, Video Tutorials and more

Email: [support@avantree.com](mailto:support@avantree.com)

USA/CA: 1-800-232-2078



WARNING  
Cancer and Reproductive Harm  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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Z-PKCV-4130-V1

Example of TV sound output settings. Adjust as needed for optical or AUX/RCA connections.

## Earbud Controls

The earbuds feature multi-function touch controls:



Diagram illustrating the touch controls for the Ace T40 earbuds.

- **Volume Control:** Double-click the left earbud to decrease volume, double-click the right earbud to increase volume.
- **Play/Pause:** Single-click either earbud.
- **Next Track:** Press and hold the right earbud for 1 second.
- **Previous Track:** Press and hold the left earbud for 1 second.
- **Answer/End Calls:** Single-click either earbud.

## Independent Use (Earbuds with Phone/Tablet/Laptop)

The Ace T40 earbuds can be used independently with other Bluetooth-enabled devices like smartphones, tablets, or laptops. To connect:

1. Power off the transmitter.
2. Open the earbud charging case to turn on the earbuds.
3. Press and hold the pair button inside the charging case for 3 seconds to enter Bluetooth pairing mode.
4. On your device, go to Bluetooth settings, search for, and select "Avantree Ace 130" to connect.

# VERSATILE USAGE

Use the earbuds separately with other Bluetooth-enabled devices.



The earbuds can be used independently for various activities.

## CHARGING

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Ensure your earbuds and charging case are adequately charged for optimal performance.

# EXTENDED PLAYTIME



**36** Hours  
Charging Case

**10** Hours  
Single Charge

The charging case provides extended playtime for the earbuds.

## Charging the Case

Connect the charging case to any standard USB power source (5V/1A output recommended) using the provided Type C charging cable. The battery LED indicators on the case will flash while charging and stop flashing when fully charged.

## Charging the Earbuds

Place the earbuds into the charging case. They will automatically begin charging. The case provides up to 3 full charges for the earbuds, offering a total playtime of 36 hours (10.5 hours per single charge).

## MAINTENANCE

To ensure the longevity and optimal performance of your Avantree Ace T40 earbuds and transmitter, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the earbuds and transmitter with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the earbuds in their charging case to protect them and keep them charged. Store the entire system in a cool, dry place away from extreme temperatures and direct

sunlight.

- **Avoid Moisture:** While the earbuds may have some water resistance, avoid prolonged exposure to water or high humidity. Do not submerge them.
- **Handle with Care:** Avoid dropping the devices or subjecting them to strong impacts, which can damage internal components.

## TROUBLESHOOTING

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### No Sound or Poor Audio Quality

- **Check TV Audio Output:** Ensure your TV's audio output settings are correctly configured for the chosen connection type (Optical to PCM/Stereo, AUX/RCA to Headset/External Speaker).
- **Cable Connection:** Verify all cables are securely connected to both the TV and the transmitter.
- **Volume Levels:** Adjust the volume on both the earbuds and your TV.
- **Transmitter Power:** Ensure the transmitter is powered on and receiving power.

### Earbuds Not Pairing with Transmitter

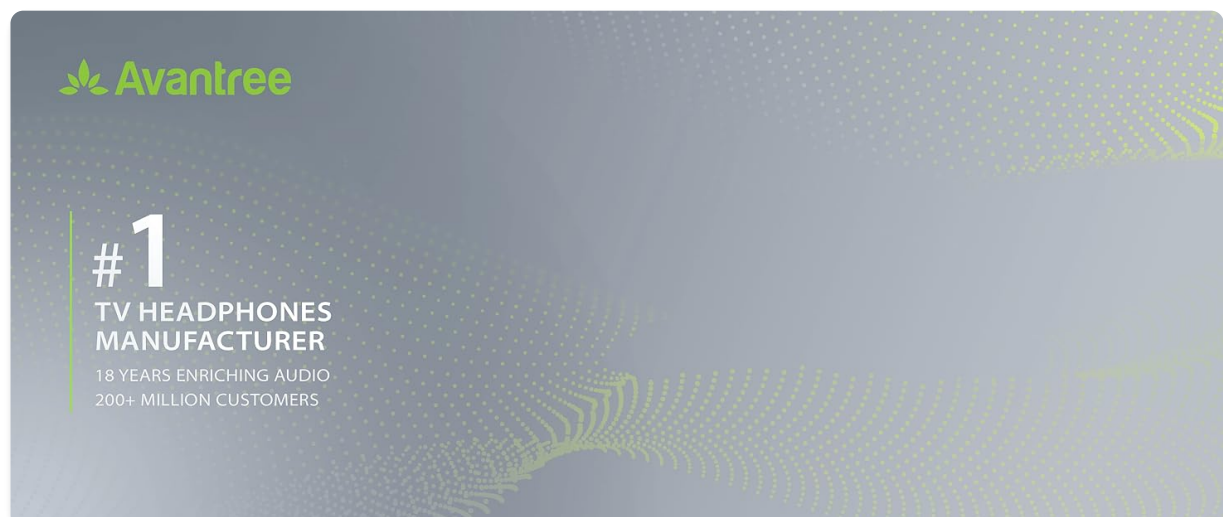
- **Re-pair Manually:** Place earbuds in the case, open the lid. Press the '1' pairing button on the transmitter and the pair button inside the earbud case simultaneously until connection is established.
- **Charge Earbuds:** Ensure earbuds have sufficient battery.
- **Proximity:** Keep the earbuds and transmitter close during pairing.

### Earbuds Not Pairing with Phone/Tablet

- **Transmitter Off:** Ensure the TV transmitter is powered off when trying to pair earbuds directly to another device.
- **Pairing Mode:** Make sure the earbuds are in Bluetooth pairing mode (press and hold the pair button inside the case for 3 seconds).
- **Device Bluetooth:** Ensure Bluetooth is enabled on your phone/tablet and search for "Avantree Ace 130".

## SPECIFICATIONS

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Key specifications of the Avantree Ace T40 system.

Feature	Specification
Bluetooth Version (Transmitter)	V5.0
Bluetooth Version (Earbuds)	V5.2
TV Compatibility	Optical (TOSLINK), AUX (3.5mm), Bluetooth-enabled TVs
Audio Codec Support (Transmitter)	aptX-LL, aptX, FS, SBC
Audio Codec Support (Earbuds)	aptX, SBC
Operation Range	Up to 100ft / 30m
Play Time (Earbuds)	10.5 hours per charge
Total Play Time (with Case)	Up to 36 hours
Charging Time (Earbuds)	About 1 hour
Charging Time (Charging Case)	About 1.5 hours
Power Supply	5V/500mA-2A rated USB charger or TV USB port
Item Weight	11.3 ounces (320 Grams)
Product Dimensions	16.14 x 4.72 x 0.39 inches

## WARRANTY & SUPPORT

Avantree products typically come with a standard warranty. For the most up-to-date warranty information and to register your product for extended warranty benefits, please visit the official Avantree website. For further assistance, FAQs, video tutorials, and customer support, please visit the Avantree support page for the Ace T40:

<http://avantree.com/support/ace-t40>

You may also find helpful information and contact support through the AvantreeDirect USA vendor on Amazon.