

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Avantree](#) /

› [Avantree Audikast Plus Bluetooth Audio Transmitter User Manual](#)

Avantree BTTC-418-P-BLK

Avantree Audikast Plus Bluetooth Audio Transmitter User Manual

Model: BTTC-418-P-BLK

Brand: Avantree

1. INTRODUCTION

The Avantree Audikast Plus is a versatile Bluetooth audio transmitter designed to wirelessly stream audio from your TV, PC, AV receiver, or TV box to Bluetooth headphones or speakers. It supports optical (TOSLINK), AUX (3.5mm), and USB audio output ports, offering wide compatibility. Key features include aptX Low Latency support for synchronized audio and video, dual-link capability for connecting two headphones simultaneously, and an extended range of up to 100 feet (30 meters).

What's in the Box:

- Avantree Audikast Plus (TC418P)
- Micro USB power/data cable
- Optical audio cable
- 3.5mm audio cable
- User Manual



Image: The Avantree Audikast Plus unit, a compact black square device with control buttons and indicator lights on top.

2. SETUP

2.1 Powering the Transmitter

Connect the provided Micro USB power/data cable to the DCIN port on the Audikast Plus and plug the other end into a USB wall adapter (not included) or a powered USB port on your TV or PC. Ensure the transmitter is powered on using the ON/OFF switch.



Image: The Avantree Audikast Plus with its power and audio cables connected, demonstrating typical setup.

2.2 Connecting to Your TV

The Audikast Plus supports Optical (TOSLINK) and AUX (3.5mm) audio output from your TV. Choose the appropriate cable based on your TV's available ports.

2.2.1 Optical Connection (Recommended for Digital Audio)

1. Plug one end of the provided optical audio cable into your TV's "Optical Digital Audio Out" or "OPT Out" port.
2. Plug the other end of the optical cable into the "OPT IN" port on the back of the Audikast Plus.
3. On your TV, navigate to the Sound Settings menu.
4. Set the TV Audio Output to "Optical".
5. Change the Digital Sound Out (Audio Format) to "PCM" or "Stereo". Dolby/DTS is not supported.

Note: Some TVs may automatically mute internal speakers when an optical cable is connected. Consult your TV's manual for simultaneous audio output options.

2.2.2 AUX (3.5mm) Connection

1. Plug one end of the provided 3.5mm audio cable into your TV's "Audio Out" or "Headphone Out" port.
2. Plug the other end of the 3.5mm audio cable into the "AUX IN" port on the back of the Audikast Plus.
3. On your TV, navigate to the Sound Settings menu.
4. Set the TV Audio Output to "Headset" or "External Speaker".

Your browser does not support the video tag.

Video: A detailed user guide demonstrating how to connect the Avantree Audikast Plus Bluetooth TV Transmitter to various TV audio output ports and pair with

2.3 Connecting Your Headphones

2.3.1 Pairing the First Pair of Headphones

1. Ensure the Audikast Plus is powered on. On first use, it will automatically enter pairing mode (Bluetooth LED next to the "1" button flashes red and blue).
2. If not in pairing mode, press and hold the "1" button on the Audikast Plus for 5 seconds until the Bluetooth LED flashes red and blue.
3. Put your Bluetooth headphones into pairing mode and keep them close to the Audikast Plus.
4. Once connected, the Bluetooth LED next to the "1" button will turn solid blue.

2.3.2 Pairing a Second Pair of Headphones (Dual Link)

The Audikast Plus supports connecting two pairs of headphones simultaneously.

1. With the first pair of headphones already connected, press and hold the "2" button on the Audikast Plus for 5 seconds until the Bluetooth LED next to it flashes red and blue.
2. Put your second pair of Bluetooth headphones into pairing mode and keep them close to the Audikast Plus.
3. Once connected, the Bluetooth LED next to the "2" button will turn solid blue.

3. OPERATING INSTRUCTIONS

3.1 Volume Control

Use the '+' and '-' buttons on the Audikast Plus to adjust the volume of the connected headphones. This provides independent volume control from your TV.

3.2 Reconnecting Headphones

Once successfully paired, your headphones should automatically reconnect to the Audikast Plus the next time they are turned on and within range. If automatic reconnection fails, manually initiate reconnection by pressing the "1" or "2" button (corresponding to the headphone) once on the transmitter.

3.3 Input Selection

The Audikast Plus automatically detects the active audio input (Optical or AUX). Ensure only one audio input cable is connected at a time to avoid conflicts.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Avantree Audikast Plus, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosol sprays.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts. Do not disassemble the unit, as this will void the warranty.
- **Safety Information:** Avoid placing the device near other wireless devices to prevent interference. Do not expose the device to extreme temperatures or humidity. Follow battery handling and disposal guidelines (though this device is corded electric, general electronic safety applies).

5. TROUBLESHOOTING

If you encounter issues with your Audikast Plus, refer to the common problems and solutions below. For more detailed troubleshooting, please visit the official Avantree support website.

5.1 No Sound / Not Working

- **Power Check:** Ensure the Audikast Plus is properly powered on and the power LED is lit.
- **Input Selection:** Verify that the correct audio input cable (Optical or AUX) is securely connected to both the TV and the transmitter. Ensure only one input is connected.
- **TV Audio Settings:** For Optical connection, confirm your TV's audio output is set to "Optical" and the audio format is "PCM" or "Stereo". For AUX connection, ensure TV audio output is set to "Headset" or "External Speaker".
- **Headphone Pairing:** Confirm your headphones are successfully paired and connected to the Audikast Plus (solid blue LED on the transmitter).
- **Volume Level:** Check the volume levels on both the Audikast Plus and your headphones.

5.2 Audio Delay (Latency)

The Audikast Plus supports aptX Low Latency. To achieve minimal audio delay, both your headphones and the Audikast Plus must support aptX Low Latency. If your headphones do not support aptX-LL, there may be a noticeable audio delay (70-200ms) when watching video content.

5.3 Range Issues

The Audikast Plus is a Class 1 Bluetooth device, offering up to 100ft (30m) range in open-air, line-of-sight conditions. Actual range can be affected by physical obstructions (walls, people), wireless interference (Wi-Fi routers), and the reception capability of the receiving device (headphones). Single-link connections generally offer better range than dual-link connections.

EXTENDED RANGE

Equipped with Class 1 Bluetooth and Bluetooth v5, up to 100ft/30m range

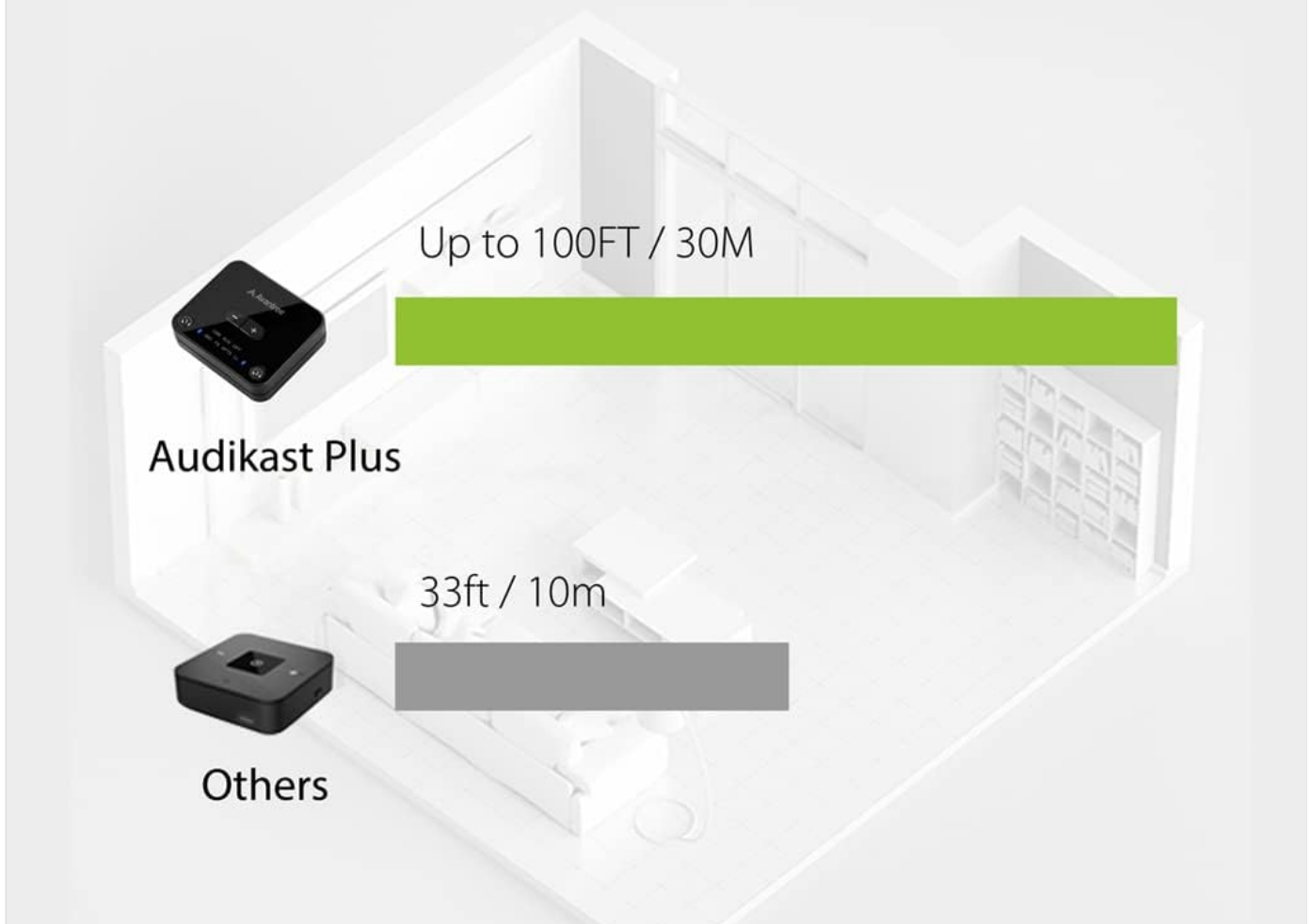


Image: Diagram illustrating the extended range capability of the Audikast Plus compared to other devices, showing up to 100ft/30m range.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.64 x 2.2 x 0.67 inches
Item Weight	1.16 ounces
Model Number	BTTC-418-P-BLK
Connectivity Technology	Bluetooth, Wireless, Optical, AUX, RCA
Power Source	Corded Electric
Material	Acrylonitrile Butadiene Styrene (ABS)

Special Feature	Support optical, dual link for 2 headphones and volume control
-----------------	--

7. WARRANTY & SUPPORT

Avantree products typically come with a manufacturer's warranty. For specific warranty details, registration, and to access comprehensive support resources including FAQs, video tutorials, and contact information, please visit the official Avantree website:

www.avantree.com

You can also find additional support and troubleshooting information on the product's Amazon page under the "Documents" or "A+ Content" sections.