User Manual
Two-headphones Wireless TV Set
HT41899

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What’s in the box?

1. Headphone 1 (BLACK)
2. Headphone 2 (RED)
3. Transmitter
4. Dual headphones stand
5. Optical audio cable
6. AUX 3.5mm audio cable
7. AUX 3.5mm to RCA adapter
8. Micro USB charging cable
9. Micro USB data charging cable

Product overview

- **Power ON/OFF** – Hold ✈ for 2 seconds
- **Pairing Mode** – From OFF status, press and hold ✈ for 5 seconds
- **Volume up/down** – Click +/- once

Codec indicators:
- ✪ for black headphone
- ✪ for red headphone

Bluetooth status indicators:
- ✈ for black headphone
- ✈ for red headphone

Audio input indicators:
- USB
- AUX
- OFF
- FS
- APTX
Turn on & connect HT41899

Powering up transmitter
Connect the transmitter to a power source. The power source can be either a TV USB port (TV must be ON to provide power) or any 5V/500mA-2A rated USB charger (e.g. your phone charger should work).

Dual headphones stand

1. Assemble metal stand onto base
2. Assemble hanger onto metal stand

Turn on the transmitter
- Slide ON/OFF switch to ON, all LED indicator lights up for 2 seconds.

Turn on the transmitter and the headphones
Turn on the transmitter - Slide ON/OFF switch to ON, all LED indicator lights up for 2 seconds.

For the Black headphone, it will always auto reconnect to the transmitter, close to on the transmitter and LED on the BLACK headphone will both turn solid BLUE, indicating that they've successfully connected.

For the RED headphone, click MFB once to reconnect to the transmitter. Once connected, close to on the transmitter and LED on the RED headphone will turn solid BLUE.

Reconnect
The BLACK headphone will always auto reconnect to the transmitter. The RED headphone, click once, it will reconnect to the last connected device, e.g., transmitter, phone, tablet. So, if the transmitter is not its last connected device, you need to manually pairing the RED headphone to the transmitter:
- Enter into PAIRING mode
- Press and hold for 3-5 seconds until RED and BLUE alternately.

Connect transmitter to your TV/audio source
Check your TV/Audio Source output options
HT41899 works with OPTICAL output, AUX 3.5mm output, and RCA (labeled “AUDIO OUT”) output.

If your TV has Digital Optical Out
Please use the Optical cable to connect the transmitter and TV.

Ensure your TV’s Sound Out/Speaker setting is set to “External Speaker” or “Optical audio out”, e.g.: Samsung > Audio Out/Optical; LG > Optical Out. Various on other TV brands.

Ensure your TV’s Audio Format/Digital Sound Out setting is set to “PCM” or set the Dolby / DTS Digital setting to “OFF”.

Enter the RED headphone into PAIRING mode
- Press and hold MFB button for 5 seconds until LED on headphone flash RED and BLUE alternately.

Keep them together and wait for a few seconds, close to on the transmitter and LED on headphone will turn solid BLUE, indicating that they've successfully connected.

Power option 1
Power option 2
Turn on BOTH headphones - Press and hold the MFB 🔄 on the headphone until the BLUE LED lights up and starts flashing (about once every 2 seconds).

For the Black headphone, it will always auto reconnect to the transmitter, 🔄 close to 🟢 on the transmitter and LED on the BLACK headphone will both turn solid BLUE, indicating that they’ve successfully connected.

For the RED headphone, click MFB 🔄 once to reconnect to the transmitter. Once connected, 🔄 close to 🟢 on the transmitter and LED on the RED headphone will turn solid BLUE.

Reconnect

The BLACK headphone will always auto reconnect to the transmitter. The RED headphone, click 🔄 once, it will reconnect to the last connected device, e.g., transmitter, phone, tablet. So, if the transmitter is not its last connected device, you need to manually pairing the RED headphone to the transmitter:

Enter 🔄 on the transmitter into PAIRNG mode – Press and hold 🔄 for 3-5 seconds until 🔄 close to 🟢 flash RED and BLUE alternately.
Enter the RED headphone into PAIRNG mode – Press and hold MFB button 🔄 for 5 seconds until LED on
headphone flash **RED** and **BLUE** alternately. Keep them together and wait for a few seconds close to (Ω) on the transmitter and LED on headphone will turn solid **BLUE**, indicating that they've successfully connected.

## Connect transmitter to your TV/audio source

### Check your TV/Audio Source output options

HT41899 works with **OPTICAL** output, **AUX 3.5mm** output, and **RCA** (labeled “AUDIO OUT”) output.

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<th>Jack Options</th>
<th>Optical OUT</th>
<th>AUX/3.5mm</th>
<th>RCA jacks labeled “AUDIO OUT”</th>
<th>Other RCA jacks (usually audio IN)</th>
<th>Big Phone Jack</th>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✗</td>
<td>✗</td>
</tr>
</tbody>
</table>

### If your TV has Digital Optical Out

Please use the Optical cable to connect the transmitter and TV.

Ensure your TV's Sound Out/Speaker setting is set to “External Speaker” or “Optical audio out”, e.g.: Samsung > Audio Out/Optical; LG > Optical Out. Various on other TV brands.

Ensure your TV's Audio Format/Digital Sound Out setting is set to “PCM” or set the Dolby / DTS Digital setting to “OFF”.

![Optical connection diagram](image)

**Power option 1**
- Micro USB power cable
- Optical audio cable

**Power option 2**
- Optical cable
Now you can stream audio from your TV.

Note:
If you don’t know how to change the settings on your TV, or if you cannot hear anything through the headphone after changing the settings, please contact your TV manufacturer for support. Unplug any device from the 3.5mm AUX jack while using the OPTICAL out. (If anything is plugged into the AUX jack, the transmitter will default to the AUX signal and ignore any OPTICAL input).

If your TV has Headphone (3.5mm) Out

Please use the AUX cable to connect the transmitter and TV. Now you can stream audio from your TV.

Note: If there is no sound playing from headphone, please set the **Sound Out / Speaker setting** on your TV to “**Wired headphones**” or “**Headset**”.

If your TV has Red/White Audio Out (RCA- only for TV)

Please use AUX cable&3.5mm to RCA Audio adapter (both provided in the package) to connect the transmitter and TV. Now you can stream audio from your TV.
Note:
If there is no sound playing from headphone, please set the **Sound Out / Speaker setting** on your TV to “External Speaker”.
Ensure use TV Red/White ports labeled “ AUDIO OUT ”, other Red/White ports are incorrect.

**If your Receiver has 6.35mm phone jack at front**

Please do NOT use the RED/WHITE ports on the back of your AV receiver, they may permanently damage the transmitter.
Please ONLY use the BIG 6.35MM PHONE OUT on front side of your AV Receiver with the 6.35mm to 3.5mm adapter.
Plug any wired headphone into the converter plug, lower the volume on the Receiver for safety precautions, and test to see if there is audio coming through to your headphone.
Lowering the volume before hand is a safety measure to prevent damaging your ears.

**Use with your PC/Laptop**

The HT41899 transmitter supports Micro USB digital audio input from your PC/Laptop. This delivers much better audio quality compared to plugging it into the standard 3.5mm AUX analog port.
Connect the transmitter to PC/laptop via the included GRAY Micro USB data charging cable.

**Note:** The connecting cable must have both DATA SYNC and charging capabilities.

After turning on HT41899 and connecting cables as above, you should be able to hear sound from your headphones; If not:
- Set as default “Playback device“ on PC/laptop - Right-click the speaker icon in the bottom-right of the taskbar and select “Playback devices”.
- Set the “Avantree Audikast Plus” as the “Default Device”.
For Skype audio settings, please select “Avantree Audikast Plus” for both Speakers and Microphone.

Use the headphone independently with cellphone

Headphone can be separately used with cell phone, please follow the step-by-step instruction below:
- Ensure the transmitter is off.
- Enter the headphones into PAIRING MODE - from its OFF state, press and hold the MFB for 5 seconds until the LED flashes RED and BLUE alternately, and you hear “Pairing” from the headphones.
• Turn on Bluetooth on your smart phone/tablet. Find & select “Avantree AS9S” to pair and connect.

The next time, you want to use your headphones in this way you will need to select “Avantree AS9S” on your smart phone/tablet to reconnect.

**Clear paired history**

**Clear the paired history of the transmitter**

After power on, press and hold BOTH (1) and (2) together for 7 seconds, both will be on BLUE for 2 seconds, then (1) enter pairing mode automatically, (3) close to (1) flashes RED and BLUE alternately.

**Clear the paired history of the headphones**

After turning on, press and hold both “+” and “-” for 10 seconds until the RED and BLUE LEDs are BOTH on for 2 seconds (looks PINK) - now all the paired history of the headphones is cleared. It then enters pairing mode automatically with the LED flashing alternately RED and BLUE.

**Headphone charging**

Please charge the headphones if you hear the “low battery” voice prompt. You can charge using a phone charger (5V/500mA-2A output), PC USB port, TV USB port or any other USB outlet using the included USB cable.

It takes about 3.5 hours to fully charge the headphones. The LED will turn RED during charging and automatically turn off once charging is complete.

**Troubleshooting**

**BLACK headphone fails to reconnect to the transmitter**

Normally, click (4) once, it will reconnect to the transmitter. If it fails, then:

**Step 1** - Manually enter both the BLACK headphone and transmitter into PAIRING mode to connect them. Once connected, (3) close to (1) turn solid BLUE.
Step 2 - Press and hold \( \text{\#} \) for 10 seconds to LOCK them, once successfully locked, \( \$ \) close to \( \text{\#} \) lights up \text{PINK} for 5 seconds.

**Cannot adjust volume on headphone**

Click +/- to raise or lower volume.
1) Do not click the button too fast;
2) do not press and hold the button \( \text{\#} \).  
   One will hear “beep” when the volume reaches maximum.

More FAQs on https://avantree.com/product-support/BTHT-41899-BLK