INTERACTIVE PDF MANUAL

Aura Loop Dual Setup Guide

Auracast TV earbuds setup



Connect the supplied transmitter for low-delay TV listening with two included pairs of Loop earbuds, or pair either pair directly with a Bluetooth TV.

Also covers fit, charging, phone use, Auracast sharing, private broadcasts, firmware, and troubleshooting.

Recommended
For the lowest delay, connect the supplied transmitter to a TV audio **output**. Do not open the TV Bluetooth menu for this route.

Avantree Aura Loop Dual · English · Updated October 14, 2026

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START HERE

Quick Start - choose your listening path

RECOMMENDED - LOW DELAY

Use the Aura Loop Dual kit

TV -> transmitter -> two earbud pairs

Both included pairs connect automatically. Best lip sync and reliability.

HIGHER AUDIO DELAY

Connect directly to TV Bluetooth

Bluetooth TV -> Loop earbuds

No audio cable. The TV must support Bluetooth audio.

1 Power

Connect the transmitter with the included USB-C cable and slide it to ON. Turn on the Loop earbuds.

2 Connect

For the recommended route, use one TV output: Optical or AUX / Headphones.

See both cable choices
Open the TV connection page.

3 Set TV sound

For Optical, select Optical / External Speaker and set Digital Audio Format to **PCM / Stereo**.

4 Listen

For the kit route, **solid orange** means joined. Turn on both included earbud pairs and adjust each pair separately. For direct TV Bluetooth, **solid blue / purple** means connected.

Expected
Play a program with speech and raise volume gradually.

RECOMMENDED ROUTE

Use the Aura Loop Dual kit

1 Power the transmitter

1. Place it near the TV.
2. Connect the included USB-C cable to 5 V USB power.
3. Slide the power switch to ON.

Expected
The transmitter powers on.

2 Choose one TV audio output

Match the printed socket label. Use only one cable.

Choose your connection
Open the full Optical / AUX page.

3 Set TV audio

1. Use the TV remote and open Settings -> Sound / Audio.
2. For Optical, select Optical / External Speaker and PCM / Stereo.
3. For AUX, select Headphones / Audio Out when available and raise TV volume.

Optical warning
Dolby, DTS, Auto, or Bitstream can produce silence.

4 Turn on both earbud pairs and listen

1. Turn on both included earbud pairs.
2. Keep them near the transmitter until each LED is solid orange.
3. Play TV sound and adjust each pair's volume separately.

Success
Both pairs show solid orange and play clear TV sound.

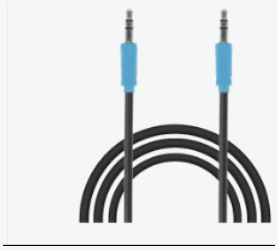
No light or no sound?
Reseat power and audio cables. Confirm the transmitter audio-input LED is solid white, then open Quick Fixes.

TV CONNECTION

Choose your TV connection



OPTICAL - RECOMMENDED
Remove clear caps. TV OPTICAL / DIGITAL AUDIO OUT -> transmitter OPTICAL INPUT.
TV setting: Optical + PCM / Stereo.



AUX / HEADPHONES
TV HEADPHONES / AUDIO OUT -> transmitter AUX INPUT.
TV setting: raise TV output volume; PCM is not required.

TV brand shortcuts

Samsung Open the exact Optical + PCM path.	**LG** Open the exact Optical + PCM path.	**Sony** Open the exact Optical + PCM path.
TCL Open the exact Optical + PCM path.	**Roku** Open the exact Optical + PCM path.	**Hisense** Open the exact Optical + PCM path.
VIZIO Open the exact Optical + PCM path.	**Philips** Open the exact Optical + PCM path.	**Panasonic** Open the exact Optical + PCM path.
Sharp Open the exact Optical + PCM path.	**Insignia** Open the exact Optical + PCM path.	**Other TV brand** Open the exact Optical + PCM path.

Soundbar on HDMI ARC?
Temporarily unplug it while confirming Optical setup. Aura Loop Dual does not provide soundbar passthrough.

OPTIONAL ROUTE

Connect directly to TV Bluetooth

Before you start
Use this route only if the TV supports Bluetooth audio. Expect more delay. Keep the Aura Loop Dual transmitter off during pairing.

1 Turn off the transmitter

Direct TV pairing uses the earbuds only.

2 Put the earbuds in pairing mode

1. Turn on the earbuds.
2. Hold the manual-pairing / play button for 3 seconds.
3. Continue when the LED blinks red + blue.

READY TO PAIR
Red + blue blinking.

3 Open the TV Bluetooth list

Open the TV Bluetooth audio menu and select **Avantree Loop**.

4 Listen for TV sound

Wait for the LED to become solid blue or purple. Play a program and adjust volume with + / -.

CONNECTED
Solid blue / purple LED + TV sound.

Voices do not match the picture?
Bluetooth TV audio can have higher delay. Use the supplied transmitter route instead.

TV has no Bluetooth audio?
Use the Aura Loop Dual kit with Optical or AUX.

DAILY USE

Fit, charge, and take calls

Keep the earbuds comfortable and secure

1. Choose the ear tip Try each supplied size. Use the size that seals comfortably.	**2. Insert and rotate** Gently rotate until secure. Do not force it.
3. Add stability earfins Use the soft earfins when extra support is needed.	**Fit guide** Open the illustrated installation guide.

Choose an EQ mode

While audio is playing, short-press the earbud power button. Each press switches to **Balanced**, **Voice Clear 1**, or **Voice Clear 2**. Stop when speech sounds best.

More sound adjustments
Use Avantree-Avantalk for additional EQ options.

Charge by dock or USB-C

Keep charging contacts dry
Keep the earbuds and charging-dock contacts clean and dry.

1. Place the earbuds on the charging dock or connect USB-C (5 V, 1-2.4 A).
2. Solid red means charging.
3. The LED turns off when charging is complete, usually after about 2 hours.
4. After USB-C charging, the earbuds power on automatically when unplugged.

Listening time
A full charge provides up to 12 hours of listening.

Phone calls while watching TV

Keep the earbuds connected to a phone and the transmitter. Incoming calls pause TV audio automatically; TV sound resumes after the call ends.

PHONE AND AURACAST

Use the earbuds beyond the TV

1 Pair with a phone or computer

1. Turn on the earbuds.
2. Hold the pairing/play button for 3 seconds.
3. When red + blue blink, select **Avantree Loop** in Bluetooth settings.

Expected
Solid blue / purple means Classic Bluetooth connected.

2 Add Auracast listeners

Additional compatible Avantree Auracast devices can join by powering on. Other brands may require their companion app.

Official add-more guide
Open the verified joining instructions.

Name the broadcast or make it private

Before you begin
Update the transmitter and earbuds. Confirm TV sound is playing, then connect the transmitter with the included gray USB data cable.

1. Open Avantree Updater -> Advanced.
2. Enter a preferred broadcast name.
3. For Private Mode, set Encryption -> Encrypted (User-defined) and enter a passcode.
4. Enable Synchronize to supported Avantree Rx, then choose Apply settings.
5. Keep the earbuds connected before Apply.

Private broadcast
Only devices with the passcode can join.

Earbuds did not reconnect?
In Advanced, set Encryption -> Public and choose Apply settings. Wait for the earbuds to reconnect, then repeat the Private Mode steps.

QUICK FIXES

Choose the symptom

No TV sound
The transmitter input LED is not solid white, or the earbuds are silent.

1. Confirm the cable uses a TV OUT port and matches the transmitter input.
2. Play a program with speech.
3. For Optical, choose Optical output and PCM / Stereo.
4. For AUX, raise TV volume.

Expected: Transmitter audio-input LED is solid white; earbud LED is solid orange.

Cannot pair or sync with a phone
Avantree Loop is missing or the LED keeps blinking.

1. Turn on the earbuds.
2. Hold the pairing/play button for 3 seconds.
3. Wait for red + blue blinking.
4. Open the phone Bluetooth list and select Avantree Loop.

Expected: The LED becomes solid blue or purple.

Earbuds fall out or feel uncomfortable
The fit is loose or creates pressure.

1. Try another ear-tip size.
2. Rotate gently for a stable seal.
3. Add the soft stability earfins.

Expected: Secure fit without pressure or pain.

Sound is too low
Speech is hard to hear.

1. For AUX, increase TV volume.
2. Use + / - on the earbuds.
3. Only if still low, activate transmitter Volume Boost.

Expected: Clear sound without distortion; turn Boost off if harsh.

Use TV speakers and earbuds together
You want both outputs at once.

1. Look for TV Speaker + Optical or Multiple Audio Output in TV settings.
2. Availability depends on the TV.
3. Aura Loop Dual does not provide soundbar passthrough.

Expected: Both outputs play if the TV supports simultaneous output.

Reset the earbuds
Saved connections must be cleared.

1. Use the verified factory-reset procedure in the official article.
2. Do not guess a button sequence.

Expected: The earbuds return to the documented reset state.

REFERENCE

Indicators and firmware

LIGHT	MEANING
RED + BLUE BLINKING	Classic Bluetooth pairing mode
SOLID BLUE / PURPLE	Classic Bluetooth connected
SOLID ORANGE	Joined the Aura Loop Dual Auracast transmitter
SOLID RED	Charging
OFF WHILE CHARGING	Fully charged

Full buttons and indicators
Open the complete official function table.

Update both devices separately

1 - Transmitter: Windows PC or Mac
Install Avantree Updater from the Aura Loop firmware page. Connect the Aura Loop Dual transmitter with the gray USB data cable, turn it on, choose Check for Updates, and wait for completion before unplugging.

2 - Earbuds: Avantree-Avantalk app
Install the app, pair Avantree Loop with the phone, choose Add Device -> Avantree Loop -> Connect, then follow the update prompt or choose the gear icon -> Update Now.

Apple App Store
Download Avantree-Avantalk for iPhone.

Google Play
Download Avantree-Avantalk for Android.

Do not interrupt
Allow 5-10 minutes. Keep USB connected during the transmitter update and keep the earbuds close to the phone until the app reaches 100%.

OFFICIAL HELP

Live guide, resources, and support

Interactive User Guide Current videos, setup choices, and updates.	**Aura Loop FAQs** Setup, no sound, pairing, and daily use.
No-sound guide Complete TV-audio troubleshooting.	**Earfin fit guide** Illustrated earfin installation.
Factory reset Verified Loop earbud reset steps.	**Contact support** Get product-specific help from Avantree.

Aura Loop Dual Setup Guide
https://avantree.com/pages/aura-loop-dual-interactive-user-guide

Scan or select this panel to open the current online guide.

Get the right help

Choose **Aura Loop Dual**. Include the TV or phone model, connection type, LED pattern, and screenshots or photos.

Recommended - submit a support ticket
Attach useful photos or screenshots.
Start support request

Talk to a support agent
Email: support@avantree.com
US phone: 800 232 2078