

Crescendo 3D



Interactive User Guide

Version 1.8

Start Setup

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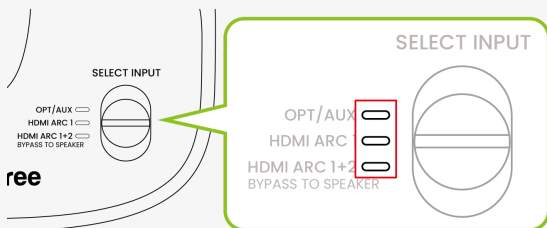
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1. Before You Start

- Enjoy theater-like **3D surround** sound with this wireless headphone system.
- To use with the Crescendo transmitter, set the headphone switch to **Base**. To use as regular Bluetooth headphones, switch to **Bluetooth**.
- The battery, ear cushions, and headband padding are replaceable.

2. Buttons & Indicators



Transmitter Select Input LED

✓ Solid -> OK

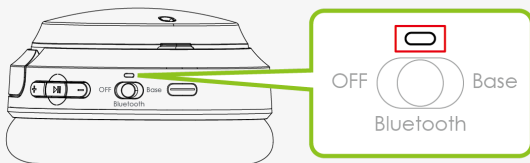
✗ Blinking -> Adjust settings

Headphones LED

✓ Solid Blue -> Connected

✗ Blinking -> Not connected

[View detailed button functions](#)

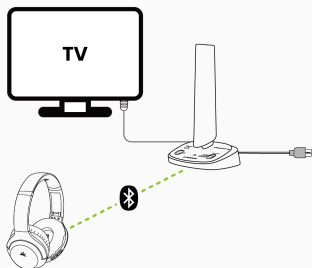


Choose How to Connect

Tap an option below to continue:

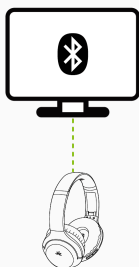
A

**Connect via Base
(Recommended)**



B

**Connect via
TV Bluetooth**

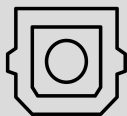




3. Connect via Base

3.1 Select Audio Source

Choose the cable you'll use.
(You only need one.)



[Optical](#)
[\(Recommended\)](#)



[HDMI ARC](#)



[AUX](#)

3.2 Connect Audio Cable

- Plug one end of the optical cable into your TV's "**Optical Digital Audio Out**" port.
- The other end into the transmitter's "**OPT1**" port.



3.3 Turn On Transmitter

- 1 Connect the transmitter to power and turn it on.
- 2 Switch **SELECT INPUT** to **OPT/AUX**.





3.4 Set TV Audio

- 1 Set Digital Output Audio Format
→ **PCM** (prevents [audio issues](#) ↗).
- 2 Set Sound Output → **Optical**.

💡 Not sure how? Google [Your TV brand + model] set PCM optical.

3.5 Connect to Headphones


- 1 Slide Power button to **Base**.
 - ✓ Power LED turns **solid blue**.
- 2 Play a video.
 - ✓ LED OPT/AUX turns **solid white**.

💡 Need more volume? Press **VOLUME BOOST**. [See all button functions ↗](#)



3.2 Connect Audio Cable

- Plug one end of the HDMI cable into your TV's "HDMI **ARC/eARC**" port.
- The other end into the transmitter's "**HDMI ARC1**" port.

 [Contact us](#) for a free HDMI cable if needed.



3.3 Turn On Transmitter


- 1 Connect the transmitter to power and turn it on.
- 2 Switch **SELECT Input** on the transmitter to **HDMI ARC 1**.





3.4 Set TV Audio

- 1 **Turn off eARC** [[see how ↗](#)].
- 2 Set Digital Output Audio Format
→ **PCM** (prevents audio issues).
- 3 Set Sound Output → **HDMI**.

 Not sure how? Google [Your TV brand + model] set PCM optical and turn off eARC

3.5 Connect to headphones


- 1 Slide Power button to **Base**.
 - ✓ Power LED turns **solid blue**.
- 2 Play a video.
 - ✓ LED HDMI ARC1 turns **solid white**.

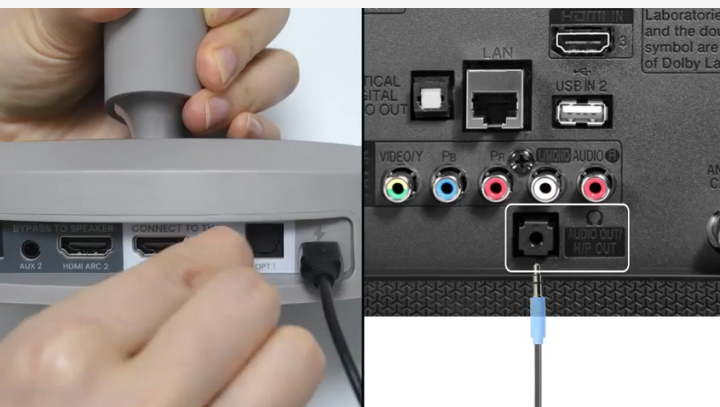
 Need more volume? Press **VOLUME BOOST**. [See all button functions](#) ↗



3.2 Connect Audio Cable

- Plug one end of the AUX cable into your TV's "**3.5mm AUDIO OUT**" port.
- The other end into the transmitter's "**AUX1**" port.

 [Contact us](#) for a free **RCA** to AUX adapter if needed.



3.3 Turn On Transmitter

- 1 Connect the transmitter to power and turn it on.
- 2 Switch **SELECT INPUT** to **OPT/AUX**.



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3.4 Set TV Audio

On your TV, set the sound output to **Headphones**.



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3.5 Connect to Headphones

- 1 Slide Power button to **Base**.
 - ✓ Power LED turns **solid blue**.
- 2 Play a video.
 - ✓ LED OPT/AUX turns **solid white**.

💡 Need more volume? Press **VOLUME BOOST**. [See all button functions](#) ↗





4. Connect via TV Bluetooth

4.1 Turn on Bluetooth


Go to **Settings** > Sound > Sound Output > Bluetooth Speaker List.

Tips

- Not sure how? **Google** “connect Bluetooth to my [brand + model] TV”.
- Using a phone/tablet instead? Just **turn on** its Bluetooth.

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4.2 Headphone enter Pairing

- Slide the Power button to **Bluetooth**. The LED will blink **red** and **blue** (pairing mode).
- If not, hold  for **3** seconds.






4.3 Pair and Connect

- Select **Crescendo 3D** from the device list.
- When connected, the headphone LED turns solid **blue**.

Tips

- If Crescendo 3D doesn't appear, turn both devices **off and on** again.
- In Bluetooth mode, Crescendo 3D reconnects automatically to the **last paired** device. If it doesn't, press  once or select Crescendo 3D manually in your TV's Bluetooth list.




5. Advanced Features

5.1 Add More Headphones

The transmitter can pair with **unlimited** [Eon 3D](#) or Eon Me headphones.

To add another pair:

- Set the Power switch to **Base**.
- Hold  for **3** seconds to enter pairing. [[View more ↗](#)]

5.2 Bypass to Soundbar

- Soundbar + headphones play together
- Use the **SAME** cable type for TV and soundbar.

 [Optical/AUX setup](#)

 [HDMI ARC setup](#)



5.2 Bypass to Soundbar

Connect HDMI ARC cables:

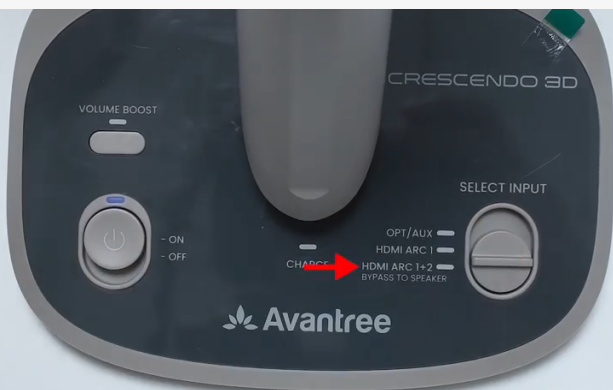
- 1 Plug in HDMI ARC cable 1:
Transmitter (HDMI ARC Input from TV) ↔ TV (HDMI ARC)
- 2 Plug in HDMI ARC cable 2:
Transmitter (HDMI ARC Bypass Output) ↔ Soundbar



5.2 Bypass to Soundbar

Turn on the transmitter:

- 1 Connect the transmitter to power and turn it on.
- 2 Switch **SELECT INPUT** on the transmitter to **HDMI ARC 1+2**.





5.2 Bypass to Soundbar

- 1 **Turn off eARC** [[see how](#) ↗].
- 2 Set Digital Output Audio Format → **PCM** (prevents audio issues).
- 3 Set Sound Output → **HDMI**.

💡 Not sure how? Google [Your TV brand + model] set PCM optical and turn off eARC

5.2 Bypass to Soundbar

Connect to headphones:

- 1 Slide Power button to **Base**.
 - ✓ Power LED turns **solid blue**.
- 2 Play a video.
 - ✓ LED HDMI ARC 1+2 turns **solid white**.






5.3 Use With TV Speaker

Whether you can play sound through both your **TV speakers** and **headphones** at the same time depends on your TV model.

[🔗 Find out more here ↗](#)

5.4 Use Headphones With Phone/PC

- 1 Slide Power button on headphones to **Bluetooth**. → LED **red** & **blue**.
If not, hold  for **3s**.
- 2 Open Bluetooth on phone/PC, select **Crescendo 3D**.
✓ Power LED turns **solid blue**.



5.5 Reset Headphones

- 1 Slide Power button to **Bluetooth**.
- 2 Hold **+** & **-** together for 5s. → LED stays **pink**, then blinks **red** & **blue**.

Note: This clears all pairings and puts headphones in pairing mode.





6. Troubleshooting

No Sound? Try This:

🔍 Check that all cables are securely plugged in.

🔊 Set the transmitter's **Select Input** to **match** your audio input mode.

⚙️ Make sure the TV's audio output **matches** the connection type (Optical, HDMI ARC, or AUX).

⚙️ For Optical/HDMI ARC, set the TV's audio format to **PCM**.

Still no sound? [See this guide](#) ↗

🔗 [More Troubleshooting & FAQ](#)

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7. Support & Help

7.1 Register Your Product

[Register now to unlock exclusive benefits](#) ↗

- ✓ 24-month warranty—extended and free
- ✓ Priority support when you need help
- ✓ Firmware & feature update notifications

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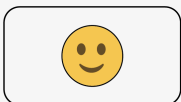
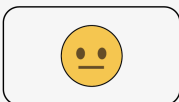
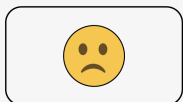


7.2 Share Your Feedback

Thanks for choosing Crescendo 3D!

Was this guide helpful?

Tap a face—just 1 second:



Thanks for your feedback!

You're helping make this guide better.

Next



7.3 Need Human Help?

Get a reply within **1 business day**.

Choose a support option:

 Email: support@avantree.com

 [Schedule callback](#) ↗

 [Submit a ticket](#) ↗

 [Live chat](#) ↗