

Ensemble



Interactive Setup Guide

Version 1.3.2

[Advanced Setup & FAQs](#)

Buttons & Indicators

Initial Setup



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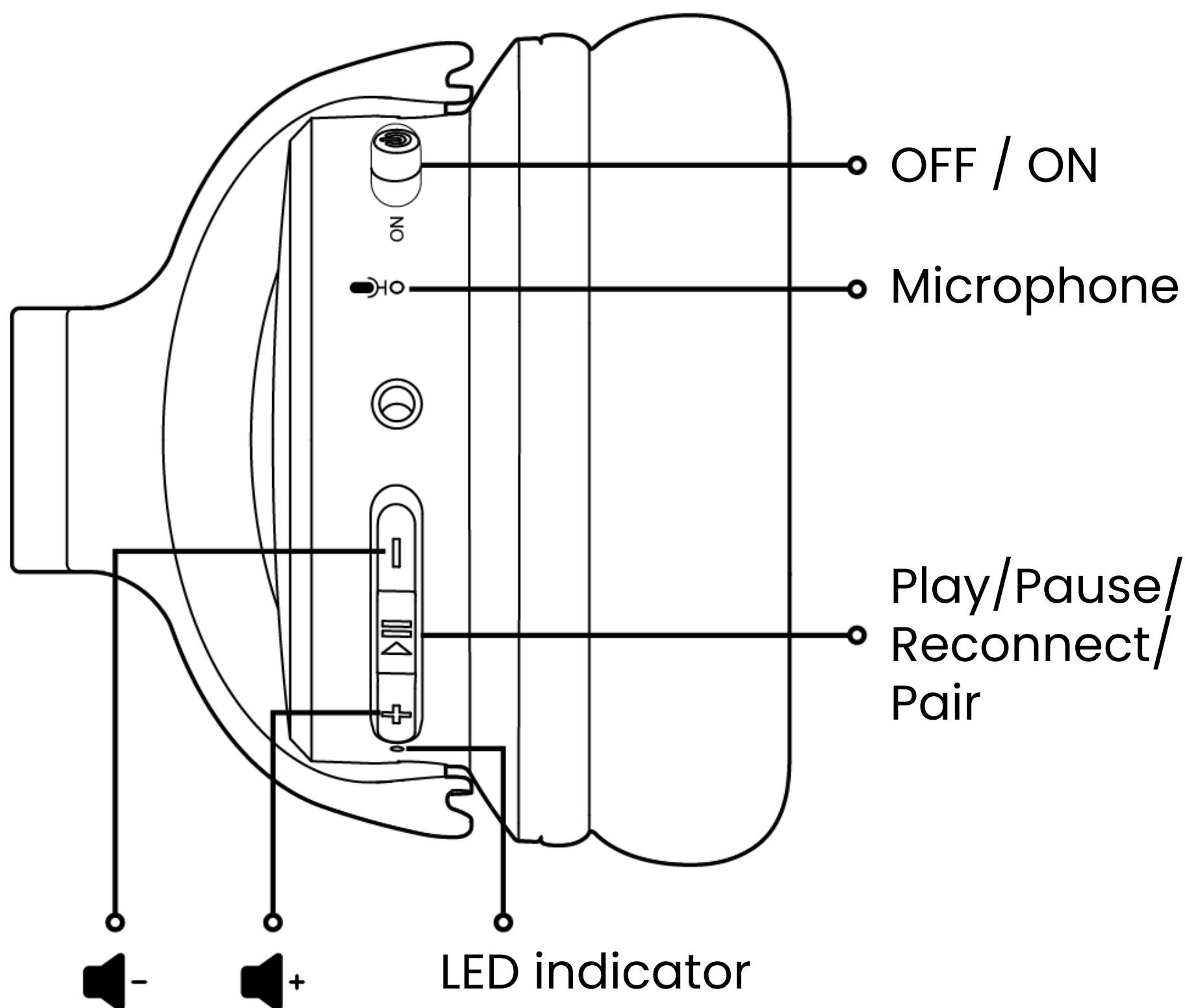
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Buttons & Indicators

Headphones:

Ensemble headphones deliver crystal-clear TV sound for an immersive, effortless listening experience.



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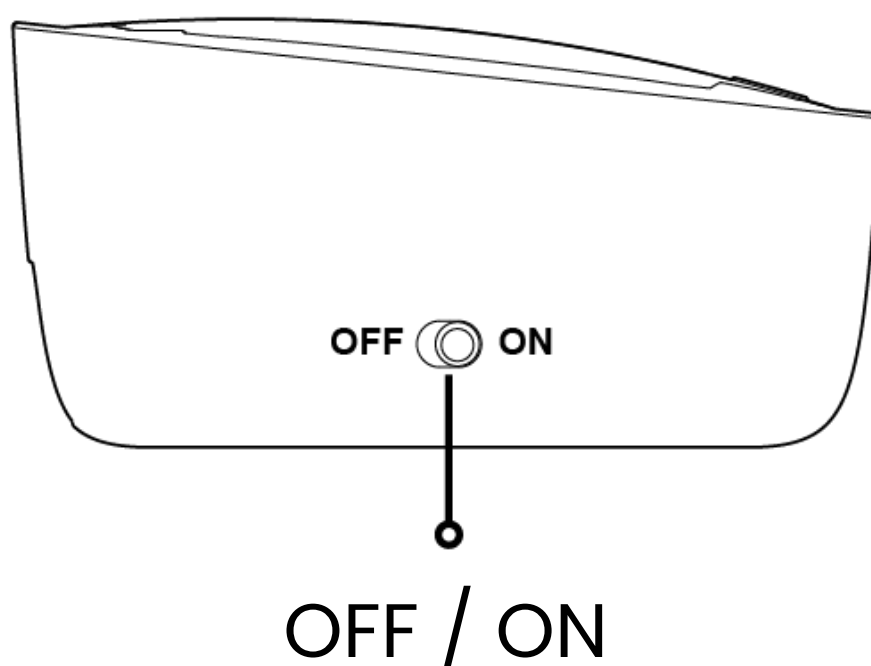
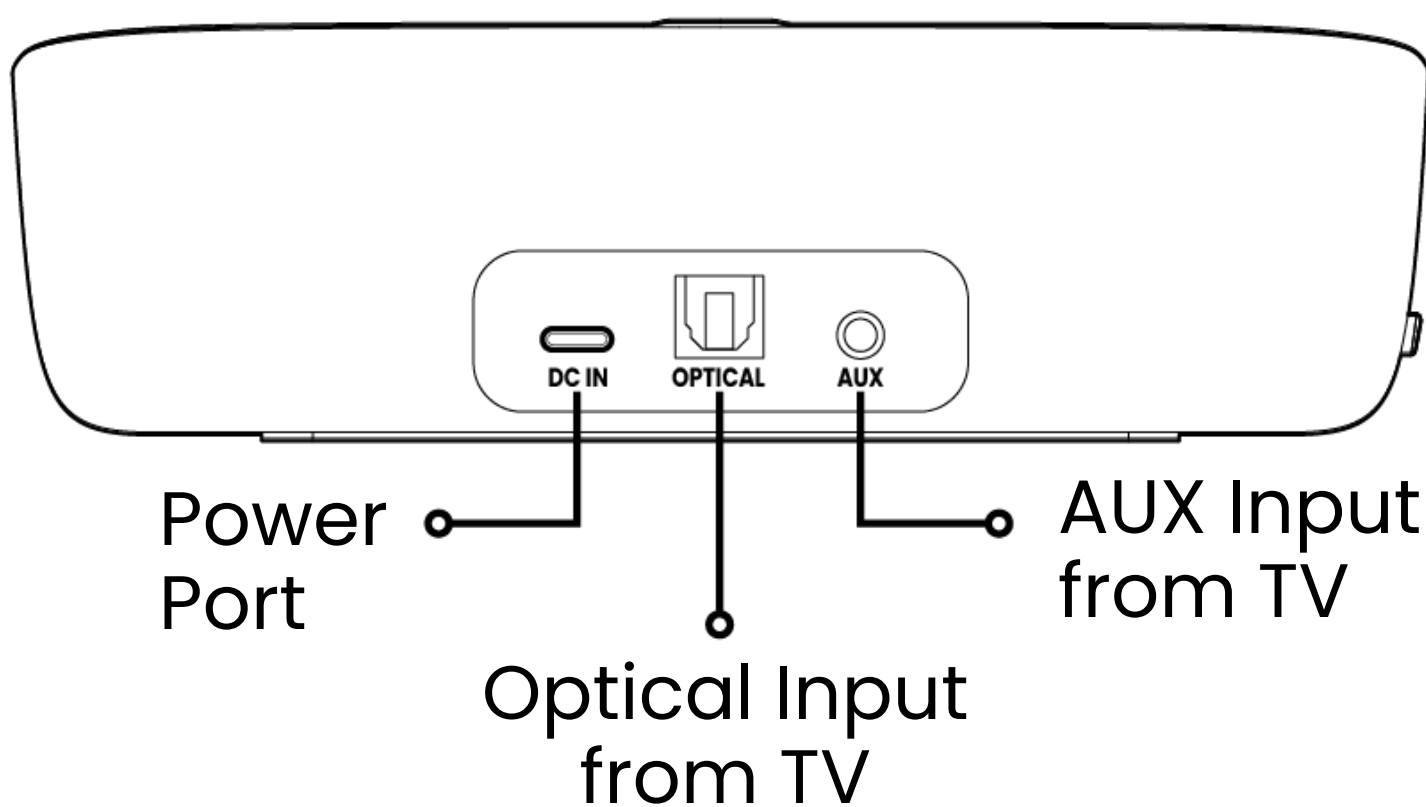
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Buttons & Indicators

Transmitter:

The Ensemble transmitter streams TV audio to its headphones without lip-sync delays and doubles as a charging dock.



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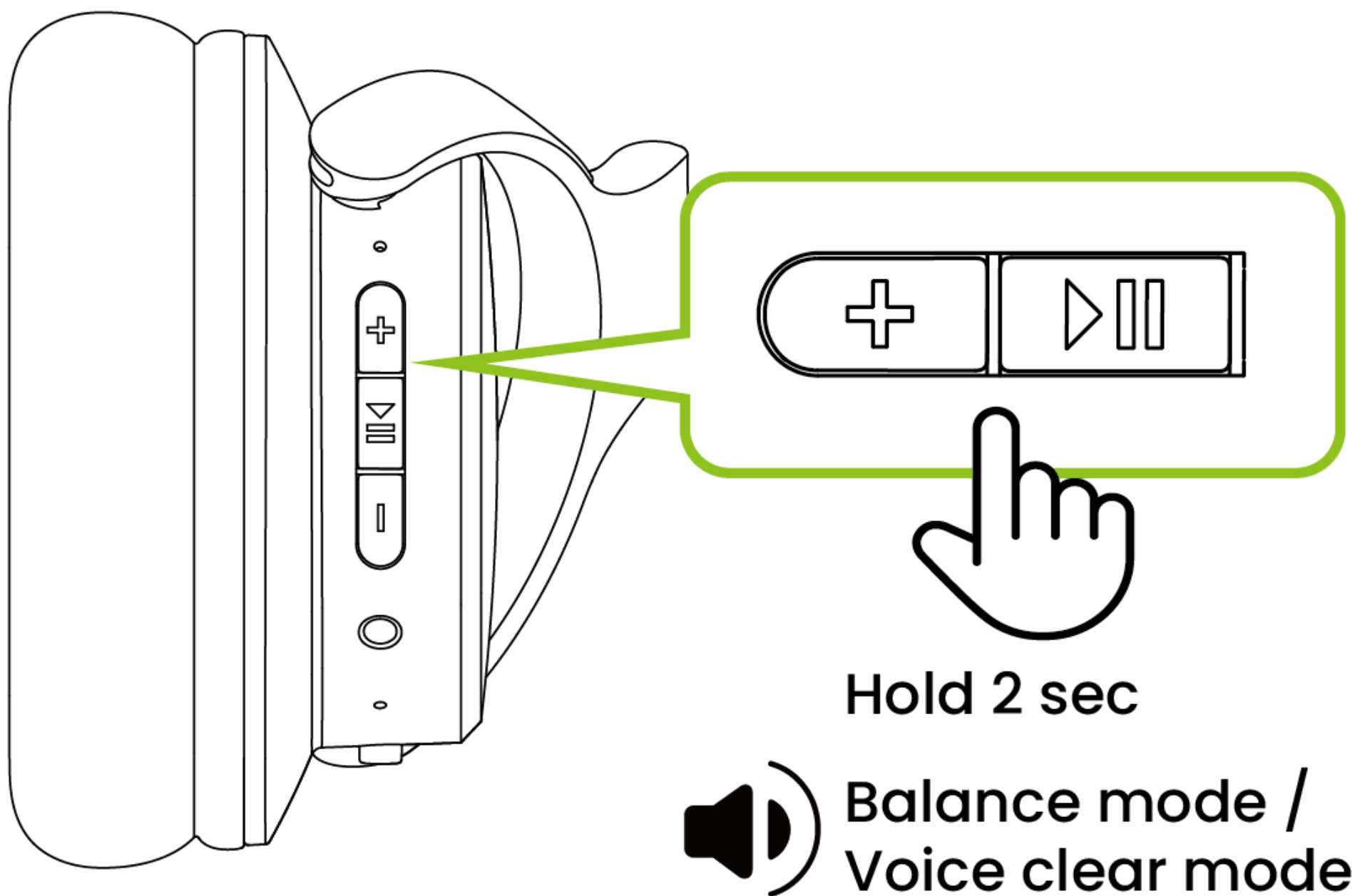
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⚠ Important Notice

If you're not satisfied with the sound, try switching to a different mode by pressing and holding both the '+' and '**Play**' buttons.



Got it

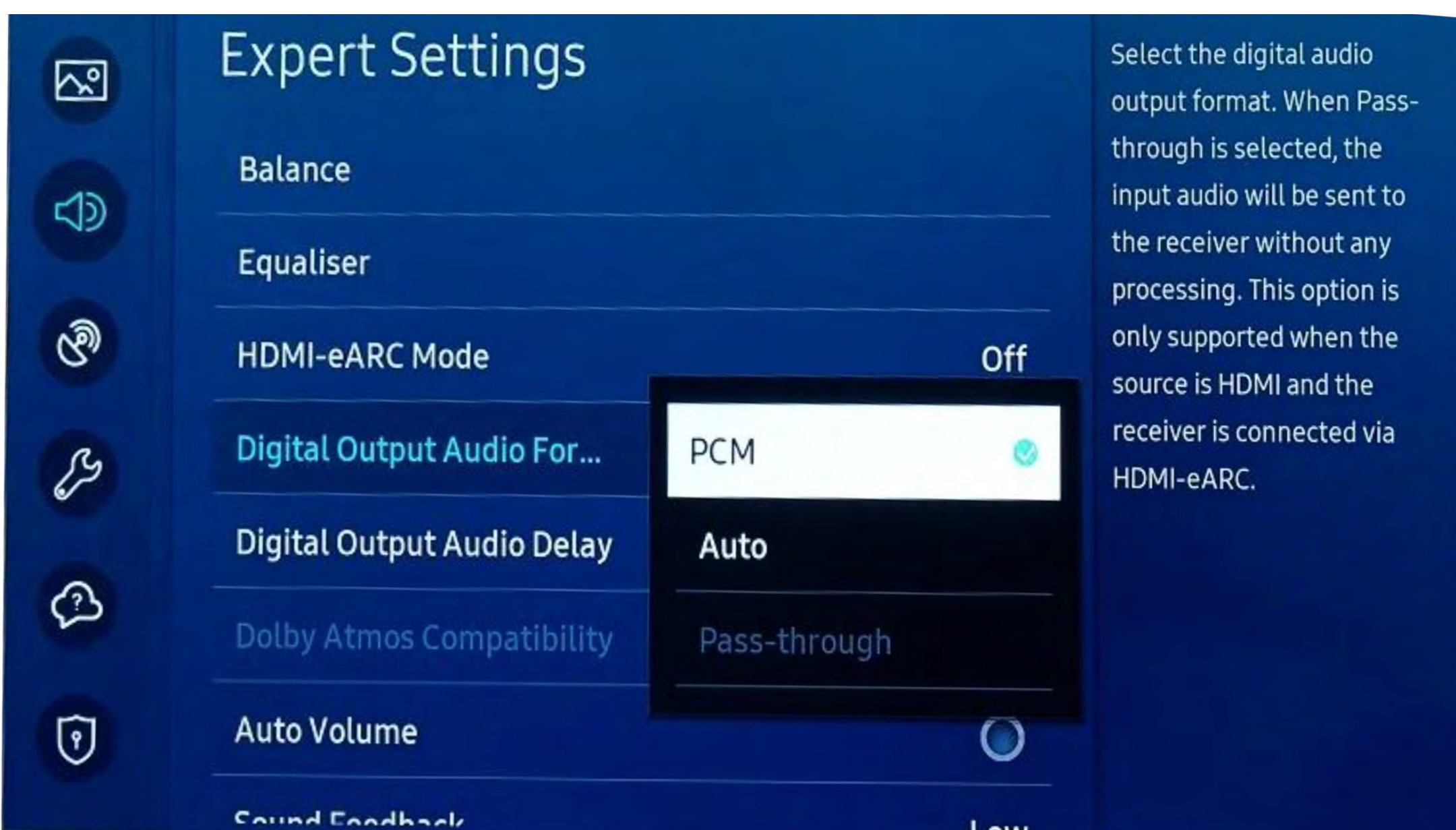
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Important Notice

Failure to set the TV to **PCM** may cause loud "**machine gun**" noise.



Select the digital audio output format. When Pass-through is selected, the input audio will be sent to the receiver without any processing. This option is only supported when the source is HDMI and the receiver is connected via HDMI-eARC.

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What's in the box?



✓ Ensemble
Headphones



✓ Transmitter /
Charging Dock



✓ USB
Adapter



✓ Type C
Power Cable for
Transmitter



✓ Optical
Audio Cable



✓ AUX
3.5mm Audio
Cable

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Buttons & Indicators

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Connect via optical

1 Plug one end of the cable into TV's "**Optical Digital Audio Out**" port.

2 Plug the other end into transmitter's "**Optical**" port.



Connected

I don't have optical

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Plug in the transmitter

⚡ Plug the **USB-C cable & adapter** into a power source near the TV.



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Select the right audio settings

 Using your TV remote, go to:

➡ **Settings** → **Sound** → **Sound Output**.

✓ Select **Optical**.



Not sure how?

Visit our [TV Sound Settings Guide](#)

Continue



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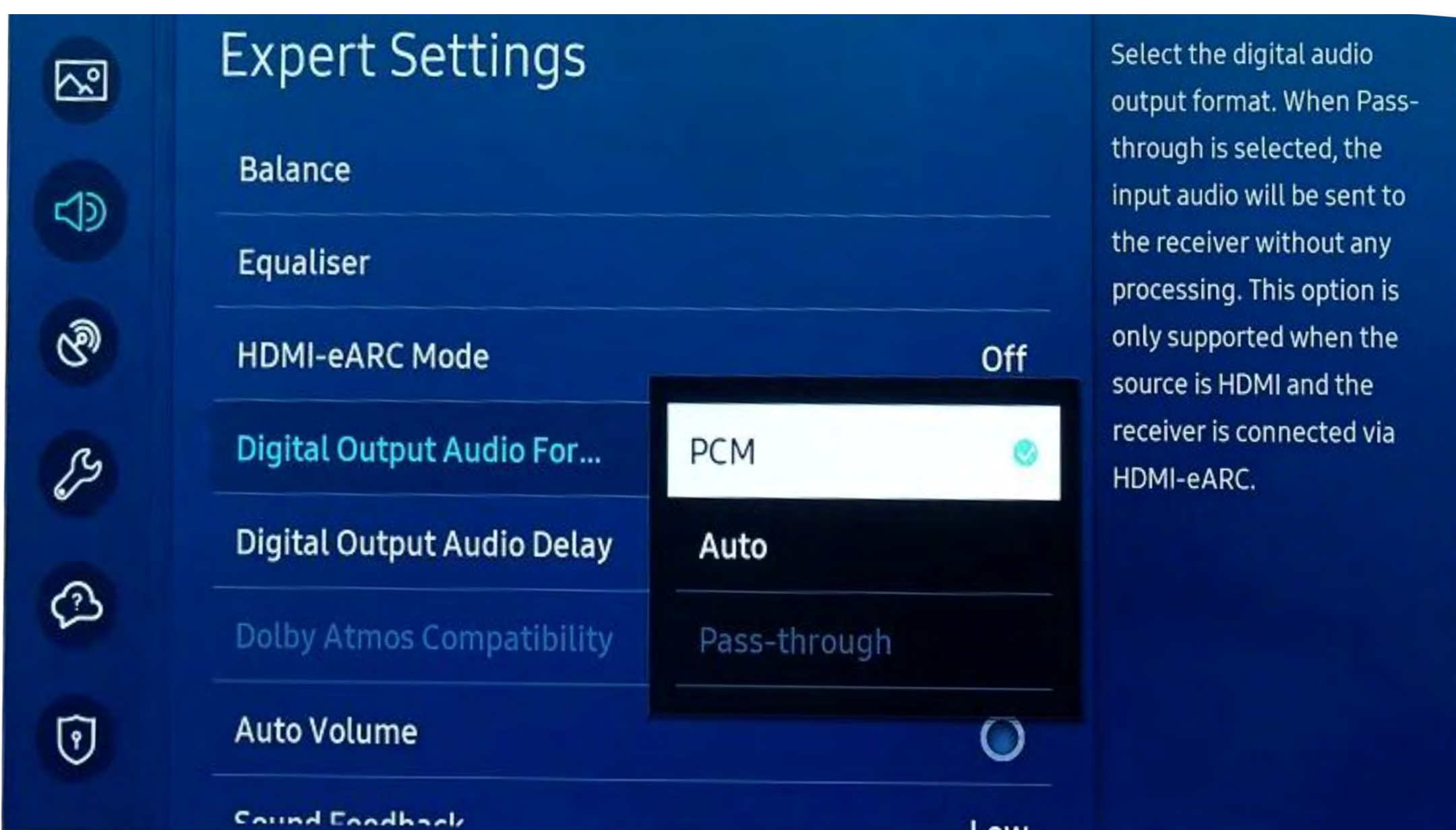
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Make sure "PCM" is selected

- ✓ Change "Audio Format" to **PCM**.



Not sure how?

Visit our [TV Sound Settings Guide](#)

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Power on the transmitter and headphones

1 Power ON:

- Slide both power switches to "**ON**."

2 Check LEDs:

- Transmitter:  **Flashing blue.**
- Headphones:   **Flashing red & blue.**




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Hold them close & wait for connection

- 1 Wait for **5-10** seconds.
- 2 Once connected, the LEDs will turn **solid blue** .



Connected


Troubleshoot

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Test for sound

 Play a TV show or movie and check for sound through the headphones.

✓ Tip: To stop sound from your TV speakers, go to **Settings** → **Audio** and select "**TV Speakers Off.**"

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Troubleshoot


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If there's no sound...

 Check the cable connections and make sure they are fully plugged in.

 Make sure the TV's audio output is set to the correct source (optical, AUX, or RCA).

 Try changing the TV's audio format to PCM (for optical connections).

 Restart the TV, transmitter, and headphones.

Continue

Need help

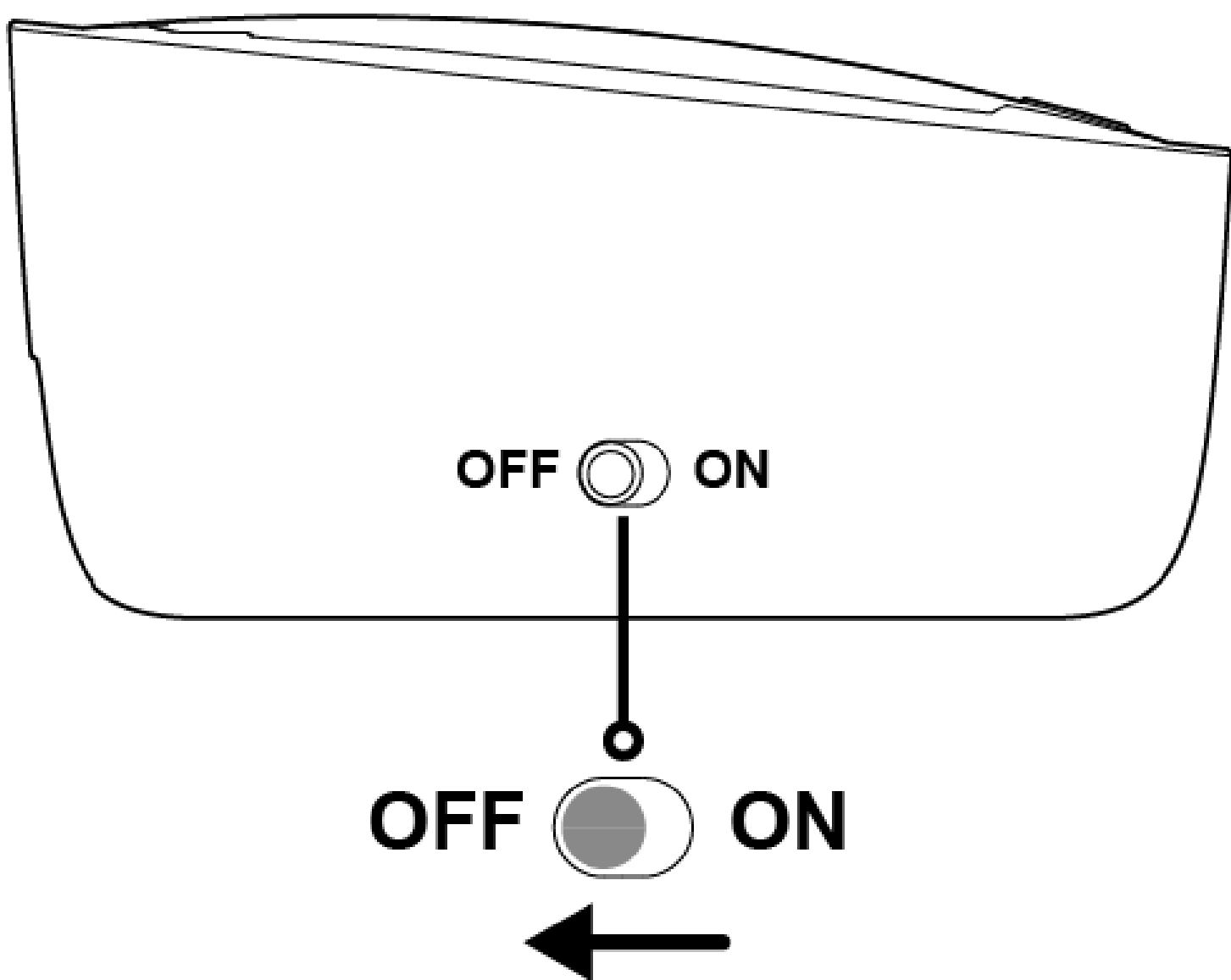
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Keep the transmitter OFF

Ensure the transmitter's power switch is in the "**OFF**" position.



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Select the right audio settings

📺 Using your TV remote, go to:
➡ **Settings** → **Sound** → **Sound Output**.

✓ Select **Bluetooth Speaker List**.



Not sure how?

Visit our [TV Bluetooth Settings Guide](#)

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Pair your headphones

1 Power ON:

- **Slide** the power switch to "**ON**."
- LED will flash   (pairing mode).

2 If LED Is Not Flashing:

- **Press & hold** <button> until the LED flashes  .



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Select "Avantree AS50"

🔍 Select your headphones from the TV's Bluetooth list.

🔑 Wait for "**Connected**" message.



Connected

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Test for sound

🔊 Play a TV show or movie and check for sound through the headphones.

✓ Tip: To stop sound from your TV speakers, go to **Settings** → **Audio** and select "**TV Speakers Off**."

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Troubleshoot

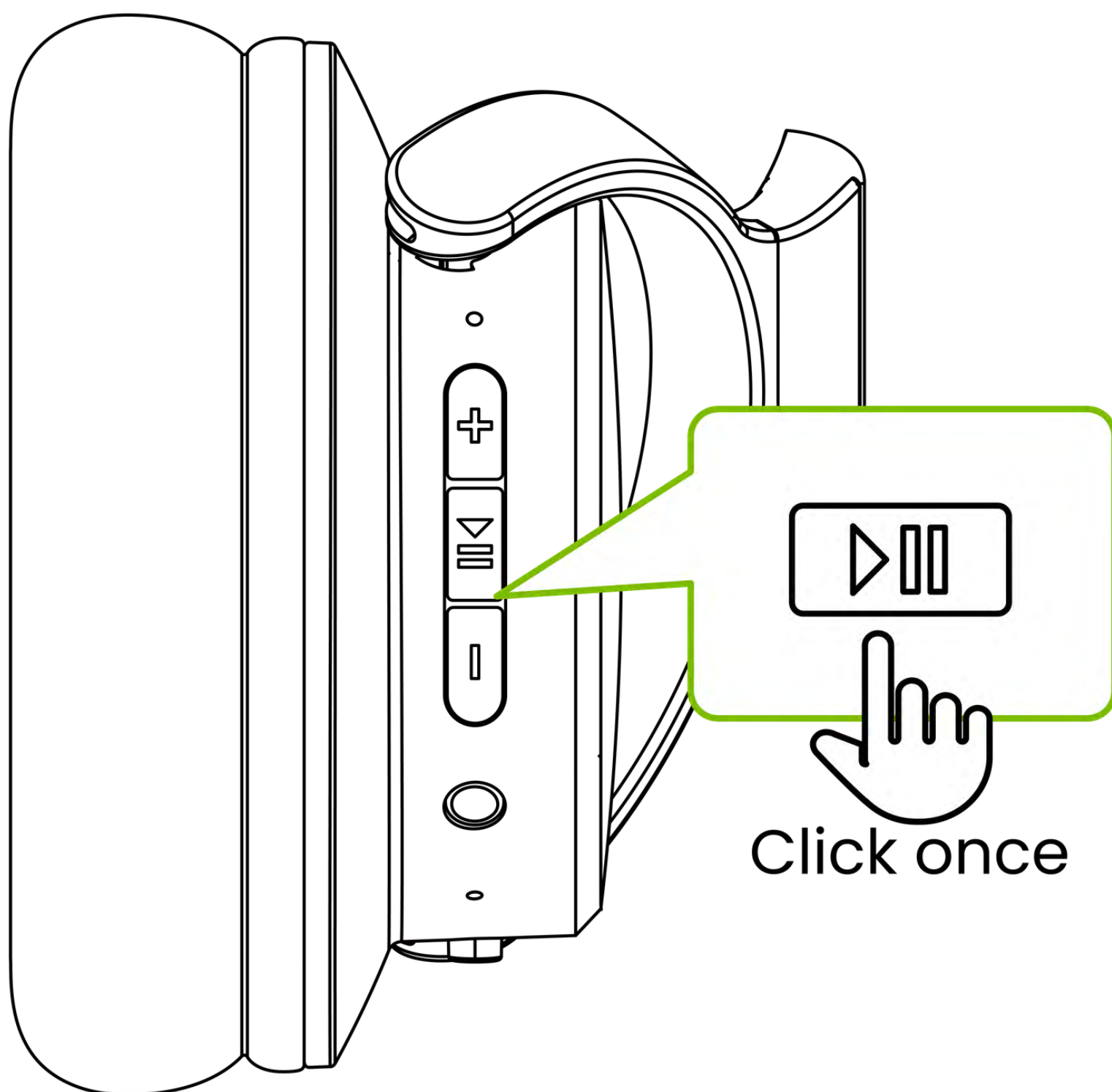
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For next use

After turning on the headphones, simply press the  button once. They will reconnect to the last used device — no need to pair again each time.



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If there's no sound

🔍 Check the cable connections and make sure they are fully plugged in.

🔊 Make sure the TV's audio output is set to the correct source (optical, AUX, or RCA).

⚙️ Try changing the TV's audio format to PCM (for optical connections).

🔄 Restart your TV and headphones.

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Need help

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Connect via AUX

1 Plug one end of the AUX cable into the TV's  **headphone jack**.

2 Plug the other end into the transmitter's "**AUX**" port.



Connected

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Plug in the transmitter

⚡ Plug the **USB-C cable & adapter** into a power source near the TV.



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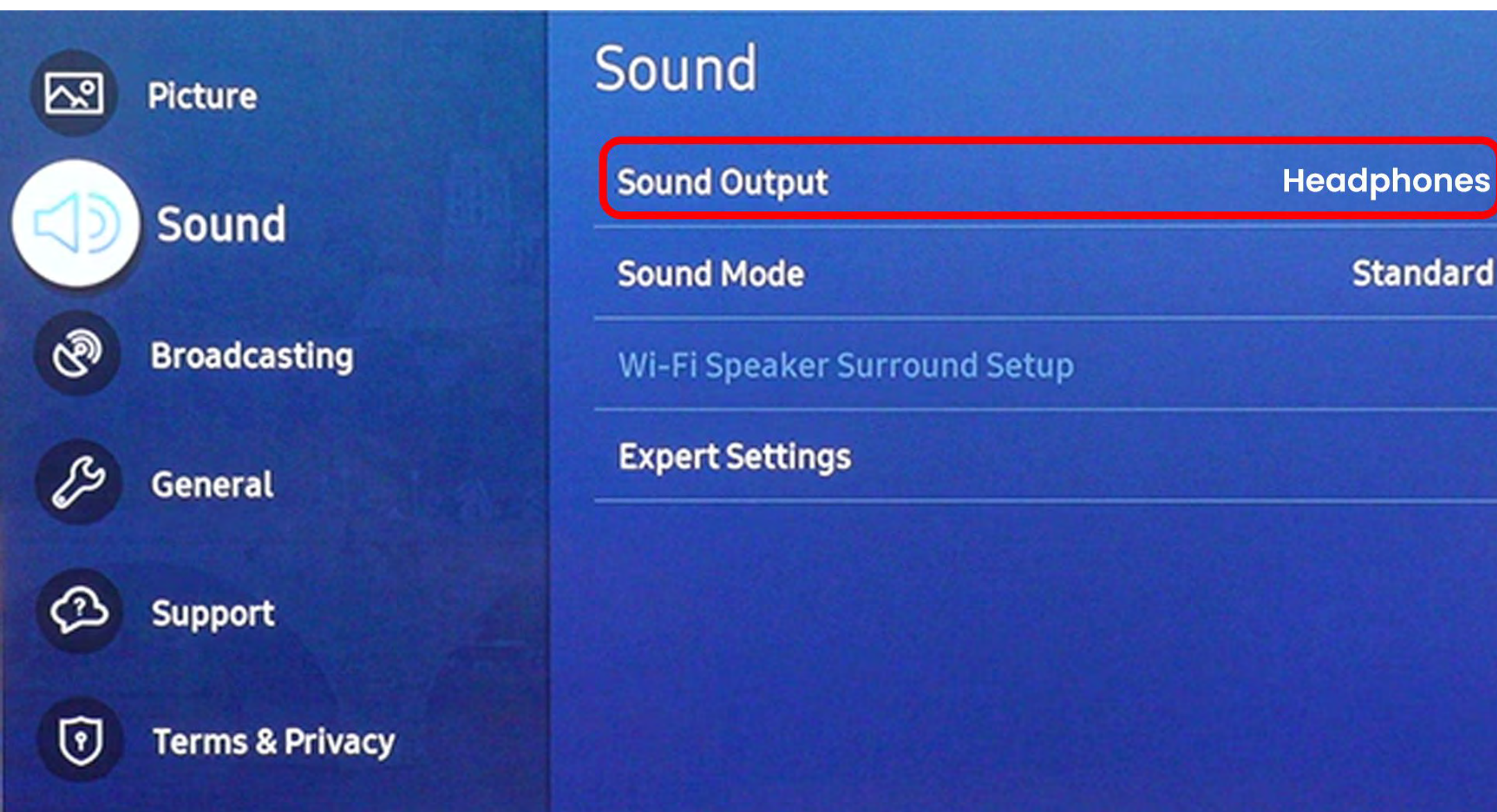
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Select the right audio settings

Using your TV remote, go to:
➡ **Settings** → **Sound** → **Sound Output**.

✓ Select **Headphones**.



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Power on the transmitter and headphones

1 Power ON:

- Slide both power switches to "**ON**."

2 Check LEDs:

- Transmitter:  **Flashing blue.**
- Headphones:   **Flashing red & blue.**




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Hold them close & wait for connection

- 1 Wait for **5-10** seconds.
- 2 Once connected, the LEDs will turn **solid blue** .



Connected

Troubleshoot

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Connect via RCA

⚠ Note

- RCA adapter is **NOT** included.
- Use RCA ports labeled "**Audio Out.**"
- Contact us for a free RCA to AUX adapter if needed.



Contact us

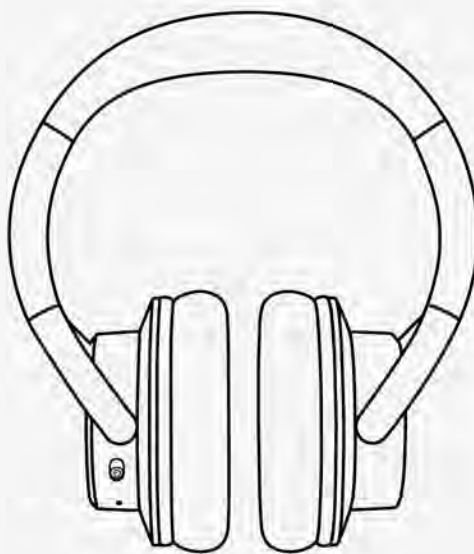
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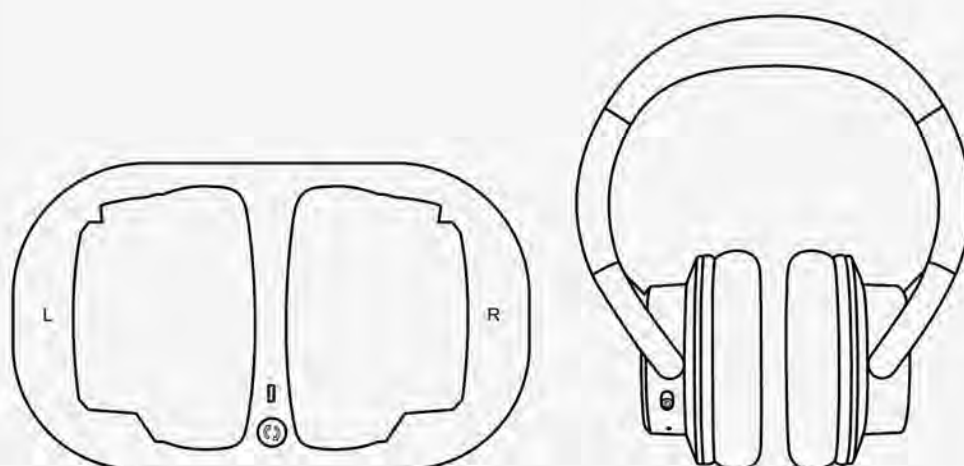


Troubleshooting

If they fail to connect, check which device has stopped blinking.



Headphones
stopped blinking first



Both are blinking
but never connect

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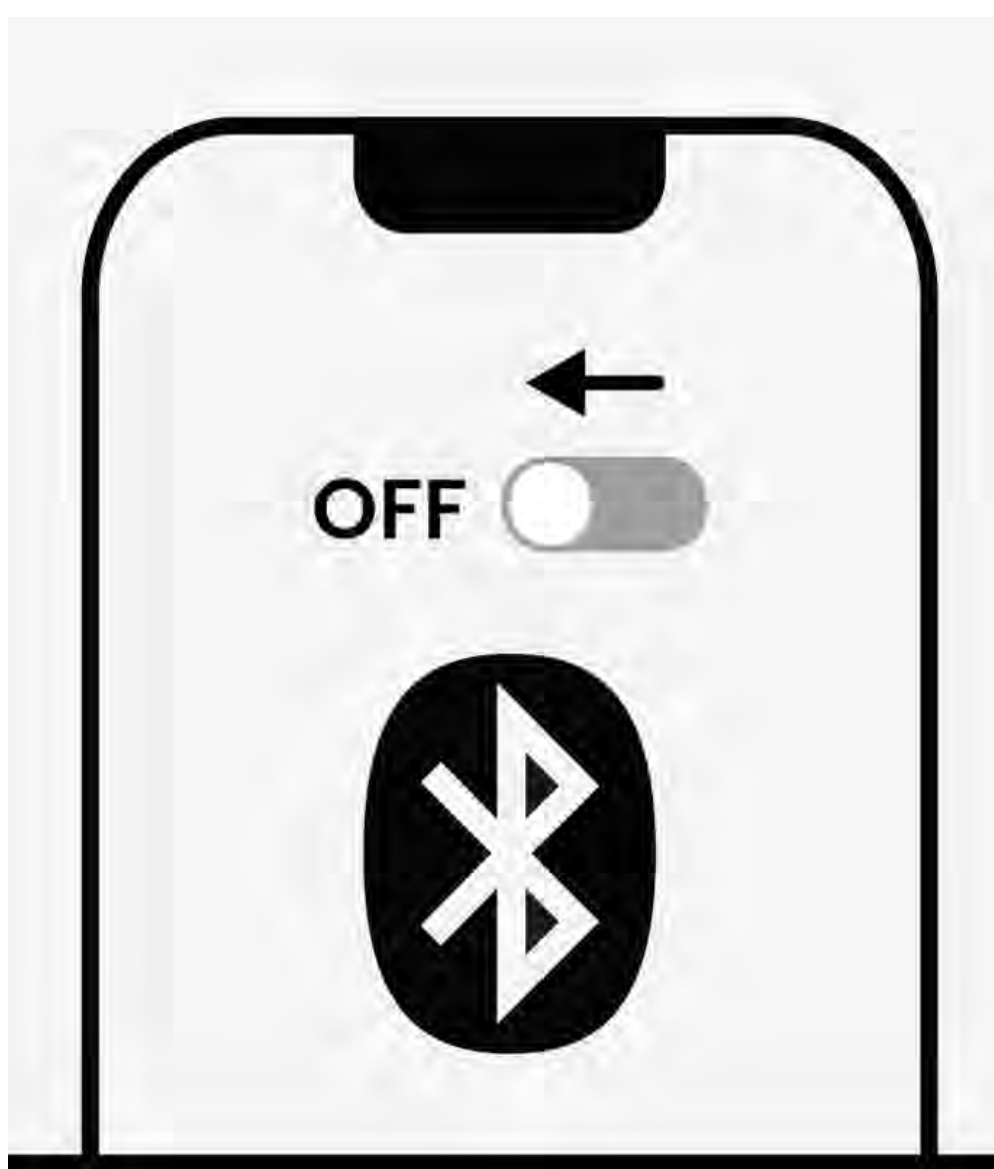
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Turn Bluetooth OFF on nearby devices

Your headphones might have connected to another device.

Turn Bluetooth **off** on nearby devices to re-enter **pairing mode**.





Bluetooth is off

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Reset the transmitter

1 Press & hold the middle button for 5 seconds until the LED flashes  .

2 Double-tap the middle button to reset.



Transmitter is reset



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Reset the headphones

1 Press & hold **+** & **-** for **10** seconds until the LED flashes & turns off.

2 Headphones will auto re-enter pairing mode  .



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Lock the headphones to the transmitter

✓ Headphones & transmitter will connect (solid  LEDs).

✌ Double-tap the transmitter's middle button to lock for auto-reconnection.



Connected

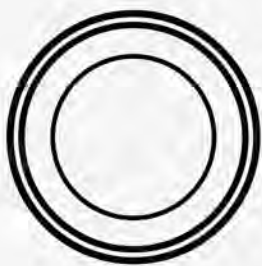
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Other connection options



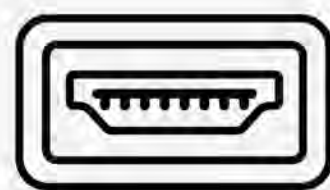
AUX



BLUETOOTH



RCA



HDMI ARC

Not listed

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If your TV only has an HDMI ARC port...

You'll need to either purchase the HAX05 to connect your Ensemble, or exchange your Ensemble for the HDMI ARC-supporting Oasis Plus.



Opera Plus



HAX05



Otherwise, you'll need to connect your Ensemble another way.

[Connect another way](#)



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Reach out to us for help!

You can email us directly at **support@avantree.com**, or click the button below to redirect to our support page.

We'll get back to you within 1 business day!

[Get support](#)





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You're done!

We hope you enjoy your experience with the Ensemble!

If you ever need anything, please don't hesitate to reach out to us at support@avantree.com

[Add FREE 24-month coverage!](#)

